NC DEPARTMENT OF
**HEALTH AND HUMAN SERVICES**

**ROY COOPER • Governor**
**KODY H. KINSLEY • Secretary**
**MARK PAYNE • Director, Division of Health Service Regulation**

**VIA EMAIL ONLY**

November 6, 2024

Jeffery Shovelin
jshoveli@ecuhealth.org

**Exempt from Review – Replacement Equipment**

| | |
|---|---|
| **Record #:** | **4598** |
| Date of Request: | September 26, 2024 |
| Facility Name: | ECU Health Chowan Hospital |
| FID #: | 933102 |
| Business Name: | East Carolina Health-Chowan, Inc. |
| Business #: | 676 |
| Project Description: | Replace existing fixed MRI Scanner |
| County: | Chowan |

Dear Mr. Shovelin:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that the above referenced project is exempt from certificate of need review in accordance with G.S. 131E-184(a)(7). Therefore, you may proceed to acquire without a certificate of need the GE Signa Artist fixed MRI Scanner to replace the GE Optima 450W model #252482MR450 fixed MRI Scanner serial #HM0107. This determination is based on your representations that the existing unit will be sold or otherwise disposed of and will not be used again in the State without first obtaining a certificate of need if one is required.

It should be noted that the Agency's position is based solely on the facts represented by you and that any change in facts as represented would require further consideration by this office and a separate determination. If you have any questions concerning this matter, please feel free to contact this office.

Sincerely,

Gregory F. Yakaboski
Project Analyst

Micheala Mitchell
Chief

cc: Acute and Home Care Licensure and Certification Section, DHSR
Construction Section, DHSR

# GE Healthcare

Contract Number 0014256

## ADDENDUM TO QUOTATION

This Addendum to Quotation(s) ("Addendum"), effective as of last signature date indicated in the signature area of this Addendum ("Effective Date") is entered into by and between the Customer and the GI Healthcare business ("GE Healthcare"), each as identified on the GE Healthcare quotation(s) which are liste in Exhibit A attached hereto and incorporated herein by reference (each, a "Quotation" and, collectively, the "Quotations").

WHEREAS, GE Healthcare has provided Customer with the Quotation(s) concerning GE Healthcare's desi to sell to Customer, and Customer's agreement to purchase from GE Healthcare, certain GE Healthcare products and/or services listed on each Quotation in accordance with the terms and conditions set forth on each Quotation (each, an "Agreement" and collectively, the "Agreements"); and

WHEREAS, the parties now desire to amend and/or supplement the Agreement(s) in accordance with the terms and conditions set forth herein.

NOW THEREFORE, in consideration of the premises and the representations and mutual undertakings hereinafter set forth, and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree to the foregoing and as follows:

- Notwithstanding anything to the contrary in the Agreements, the parties agree that the Managed Equipment Services Agreement dated September 1, 2022 between Customer and GE Healthcare sha be the Governing Agreement.
- As a matter of administrative convenience, the parties agree to the Terms and Conditions of Quotation listed in Exhibit A by signature of this Addendum.
- Customer's form of payment is as follows:

**Initial to indicate form of payment:**
(If potential for a lease exists, GE HFS or otherwise, select lease)

_____ Cash* ___✓___ Lease _____ HFS Loan
If leasing please provide name of finance company below:

_____

*Selecting cash declines option for GE HFS financing
*Cash is the default option if this addendum is signed and the form of payment is not indicated above.

**Initial to indicate tax status for Service* (if applicable):**

_____ Exempt from Sales and Use Tax (NOTE: GEHC must have a Current Tax Exemption Certificate)

___✓___ Subject to Sales and Use Tax**
*Equipment tax status as set forth on the Equipment Quotation
**Subject to Sales and Use Tax is the default option if this addendum is signed and the tax status is not indicated above.

**Enter PO Information (if applicable):**

PO # for Equipment:_____

PO # for Service*:_____
*Denote "same" if only 1 PO is needed for both Equipment and Service

Entire Agreement. In the event of any conflict between the terms and conditions of this Addendum on the one hand, and each Agreement on the other hand, the terms and conditions of this Addendum shall govern and control. Except as otherwise expressly provided in the Addendum, the parties agree that all provisions of each Agreement are hereby ratified and agreed to be in full force and effect and are incorporated herein l reference. This Addendum and each Agreement contain the entire agreement among the parties related to the subject matter herein and all prior proposals, discussions and writings by and among the parties and relating to the subject matter herein are superseded hereby and thereby.

In WITNESS WHEREOF, Customer and GE Healthcare have caused this Addendum to be executed by the duly authorized representatives as of the Effective Date.

| ECU Health | GE Healthcare |
|---|---|
| Signature: | Signature: Mary E Schroeder<br>Mary E Schroeder |
| Print Name: Michael R Waldrum, M.D | Print Name: Mary E Schroeder |
| Title: CEO | Title: Executive, Strategic Clients |
| Date: 12-14-22 | Date: 12/14/2022 |

ID# 230257914

| Quotation Number | Quotation Date |
|---|---|
| 2007874014.13 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007960738.7 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007884424.6 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070849.4 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007965851.11 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070553.7 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070557.6 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913958.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623413.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623416.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623426.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623433.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623444.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623450.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913937.5 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914538.11 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009205222.2 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009205194.2 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913955.5 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913945.5 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913921.5 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007696876.10 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2006610601.4 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914004.4 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913976.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007911482.5 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007874082.8 | Friday, November 4, 2022 |

| | |
|---|---|
| 2007874098.3 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009053014.4 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2004612240.15 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007281874.2 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007874011.11 | Friday, November 4, 2022 |

ECHO
CT

| Quotation Number | Quotation Date |
|---|---|
| 2007874027.10 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007874034.8 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070538.5 | Friday, November 4, 2022 |

ECHO
MRI

| Quotation Number | Quotation Date |
|---|---|
| 2008070542.5 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070561.5 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070724.3 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008070749.2 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914871.11 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914901.15 | Wednesday, November 16, 2022 |

WF 02097414.0

| Quotation Number | Quotation Date |
|---|---|
| | |

| Quotation Number | Quotation Date |
|---|---|
| 2009622281.2 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008071820.10 | Wednesday, November 16, 2022 |

EROA CT

| Quotation Number | Quotation Date |
|---|---|
| 200838581.6 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009184324.4 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009554455.1 | Friday, November 4, 2022 |

ECHO Nuc Med

| Quotation Number | Quotation Date |
|---|---|
| 2009554464.1 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007911485.3 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009327606.3 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 200790982.14 | Friday, November 4, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914009.10 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913862.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2008575106.6 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007914722.13 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|

WF 02097414.0

| Quotation Number | Quotation Date |
|---|---|

| Quotation Number | Quotation Date |
|---|---|
| 2007911470.4 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913940.8 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913946.10 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623351.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913953.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913970.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913993.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623369.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623388.1 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007913930.9 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009623334.1 | Friday, December 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007911478.4 | Monday, November 28, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2009622315.2 | Monday, November 28, 2022 |

| | |
|---|---|
| 2009622339.2 | Wednesday, November 16, 2022 |

| Quotation Number | Quotation Date |
|---|---|
| 2007696894.8 | Wednesday, November 16, 2022 |

ECU HEALTH

September 10, 2024

Ms. Micheala Mitchell
Chief, Healthcare Planning and Certificate of Need
Division of Health Service Regulation
NC Department of Health and Human Services
2704 Mail Service Center
Raleigh, NC 27699-2704

FILED ELECTRONICALLY

**RE: Request for Exemption Pursuant to G.S. 131E-184(a7) / East Carolina Health – Chowan, Inc., d/b/a ECU Health Chowan Hospital / Replace an Existing MRI Scanner / Chowan / FID #: 933102**

Dear Ms. Mitchell,

ECU Health Chowan Hospital (ECHO) plans to replace an existing MRI Scanner with new equipment on its main hospital campus located in Edenton, NC (Chowan County). ECHO believes that the proposed equipment replacement is not subject to review under North Carolina's Certificate of Need (CON) laws.

The proposed project includes the replacement of a GE Optima450W MRI Scanner with a GE Signa Artist MRI Scanner. The total capital costs for the proposed replacement are estimated to be $1,221,291 (see Appendix B for the capital cost sheet). These costs include all expenses associated with the equipment and renovations.

ECHO believes the proposed project is exempt from CON review under G.S. 131E-184(a7) – replacement equipment. ECHO believes the proposed project meets the definition of replacement equipment as defined by G.S.131E-176(22a) in that:

1. The total cost of the replacement equipment is less than $2,971,200,
2. The equipment is being purchased for the sole purpose of replacing comparable medical equipment currently in use (see Appendix A for equipment comparison table, Appendix C for vendor quotes, and Appendix D for a brochure for the new equipment),
3. The existing equipment will be sold or otherwise disposed of when replaced,
4. The replacement equipment will be located in the same location as the existing equipment (see Appendix E for site and floor plans), and
5. The reason for the replacement is due to the existing equipment is past the age of its useful life.

Since ECHO's proposal meets the definition of "replacement equipment", G.S. 131E-184(a7) exempts this project from CON review. Therefore, ECHO requests approval of an exemption status for the proposed project.

In the event the project exceeds the $2,971,200 equipment replacement threshold, ECHO believes the proposed project would still be exempt from review under G.S. 184(f) since the replacement equipment will be located on the main campus of a licensed health service facility and the existing equipment was acquired through a CON obtained in 2008 (see Appendix F).

ECU HEALTH

If you require additional information or clarification, please contact me at (252) 847-3631 or jshoveli@ecuhealth.org.

Thank you.

Jeffrey Shovelin
VP of Business Planning and Strategy, ECU Health
PO Box 6028, Greenville NC 27835-6028
252-847-3631
jshoveli@ecuhealth.org

# Appendix A

# Equipment Comparison Table

## EQUIPMENT COMPARISON

| | EXISTING EQUIPMENT | REPLACEMENT EQUIPMENT |
|---|---|---|
| Type<br>(e.g., Cardiac Catheterization, Gamma Knife®, Heart-lung bypass machine, Linear Accelerator, Lithotriptor, MRI, PET, Simulator, CT Scanner, Other Major Medical Equipment) | MRI | MRI |
| Manufacturer | GE | GE |
| Model number | Optima 450W #252482MR450 | Signa Artist |
| Other method of identifying the equipment (e.g., Room #, Serial Number, VIN #) | Serial #: HM0107 | Serial Number TBD |
| Is the equipment mobile or fixed? | Fixed | Fixed |
| Date of acquisition | 12/30/2010 | TBD |
| Was the existing equipment new or used when acquired? / Is the replacement equipment new or used? | New | New |
| Total projected capital cost of the project <Attach a signed Projected Capital Cost form> | N/A | $1,221,291 (see Appendix B for details) |
| Total cost of the equipment | $1,507,969.71 | $886,396.00 |
| Location of the equipment <Attach a separate sheet for mobile equipment if necessary> | ECU Health Chowan Hospital 211 Virginia Road Edenton, NC 27932 | ECU Health Chowan Hospital 211 Virginia Road Edenton, NC 27932 |
| Document that the existing equipment is currently in use | Over last 12 months, 2,037 procedures were performed on the existing unit | N/A |
| Will the replacement equipment result in any increase in the **average charge per procedure**? | N/A | No |
| If so, provide the increase as a percent of the current average charge per procedure | N/A | N/A – See Above |
| Will the replacement equipment result in any increase in the **average operating expense per procedure**? | N/A | No |
| If so, provide the increase as a percent of the current average operating expense per procedure | N/A | NA – See Above |

| | | |
|---|---|---|
| Type of procedures performed on the existing equipment <Attach a separate sheet if necessary> | General MR Procedures | N/A |
| Type of procedures the replacement equipment will perform <Attach a separate sheet if necessary> | N/A | General MR Procedures (see brochure in Appendix D for additional information) |

Date of last revision: 5/17/19

# Appendix B

# Capital Cost Sheet

## CAPITAL COST SUMMARY - ECHO MRI Replacement

| | | |
|---|---|---|
| **Site Costs** | | |
| (1) Full purchase price of land | $ 0 | |
| Acres 0 Price per Acre $_____ | | |
| (2) Closing costs | $ 0 | |
| (3) Site Inspection and Survey | $ 0 | |
| (4) Legal fees and subsoil investigation | $ 0 | |
| (5) Site Preparation Costs [Include] | | |
| Soil Borings | | |
| Clearing and Grading | | |
| Roads and Parking | | |
| Sidewalks | | |
| Water and Sewer | | |
| Excavation and Backfill | | |
| Termite Treatment | | |
| Sub-Total Site Preparation Costs | $ 0 | |
| (6) Other (Specify) | $ 0 | |
| (7) Sub-Total Site Costs | | $ 0 |
| Construction Contract | | |
| (8) Cost of Materials [Include] | | |
| General Requirements | | |
| Concrete/Masonry | | |
| Woods/Doors & Windows/Finishes | | |
| Thermal & Moisture Protection | | |
| Equipment/Specialty Items | | |
| Mechanical/Electrical | | |
| Sub-Total Cost of Materials | $ 132,401 | |
| (9) Cost of Labor | $ 88,267 | |
| (10) Other (DHSR Review Fee) | $ 1,667 | |
| (11) Sub-Total Construction Contract | | $ 222,335 |
| Miscellaneous Project Costs | | |
| (12) Building Purchase | $ 0 | |
| (13) Fixed Equipment Purchase/Lease | $ 956,896 | |
| (14) Movable Equipment Purchase/Lease | $ 0 | |
| (15) Furniture | $ 0 | |
| (16) Landscaping | $ 0 | |
| (17) Consultant Fees | | |
| Architect and Engineering Fees | $ 42,060 | |
| Legal Fees | $ 0 | |
| Market Analysis | $ 0 | |
| CON Preparation | $ 0 | |
| Sub-Total Consultant Fees | $ 42,060 | |
| (18) Financing Costs (e.g. Bond, Loan, etc.) | $ 0 | |
| (19) Interest During Construction | $ 0 | |
| (20) Other (Specify) | $ 0 | |
| (21) Sub-Total Miscellaneous | | $ 998,956 |
| (22) Total Project Capital Cost (Sum A-C above) | | $ 1,221,291 |

I assure that, to the best of my knowledge, the above capital costs for the proposed project are complete and correct and it is my intent to carry out the proposed project as described.

# Appendix C

# Equipment Quote

November 4, 2022
Quote Number: **2008070542.5**
Customer ID: **1-23I2AW**
Agreement Expiration Date: **12/31/2022**

East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital
211 Virginia Rd
Edenton, NC 27932-9668

This Agreement (as defined below) is by and between the Customer and the GE Healthcare business ("GE Healthcare"), each as identified below for the sale and purchase of the Products and/or Services identified in this Quotation, together with any applicable schedules referred to herein ("Quotation"). "Agreement" is this Quotation and either: (i) the Governing Agreement identified below; or (ii) if no Governing Agreement is identified, the GE Healthcare Terms and Conditions and Warranties that apply to the Products and/or Services identified in this Quotation. In the event of conflict, the Quotation supersedes.

GE Healthcare can withdraw this Quotation at any time before Customer: (i) signs and returns this Quotation or (ii) provides evidence of Quotation acceptance satisfactory to GE Healthcare ("Quotation Acceptance"). On Quotation Acceptance, this Agreement is the complete and final agreement of the parties relating to the Products and/or Services identified in this Quotation. There is no reliance on any terms other than those expressly stated or incorporated by reference in this Agreement and, except as permitted in this Agreement, no attempt to modify will be binding unless agreed to in writing by the parties. Modifications may result in additional fees and cannot be made without GE Healthcare's prior written consent.

Handwritten or electronic modifications on this Agreement (except an indication of the form of payment, Customer purchase order number and signatures on the signature blocks below) are void.

| | |
|---|---|
| Governing Agreement: | Premier |
| Terms of Delivery | FOB Destination |
| Billing Terms | 80% on Delivery / 20% on Acceptance |
| Payment Terms | NET 45 DAYS |
| Total Quote Net Selling Price | $886,396.00 |
| Sales and Use Tax Exemption | No Certificate on File |

**IMPORTANT CUSTOMER ACTIONS:**

Please select your planned source of funds. Source of funds is assumed to be cash unless you choose another option. Once equipment has been shipped, source of funds changes cannot be allowed.

___ Cash

___ GE HFS Loan ___ GE HFS Lease

___ Other Financing Loan ___ Other Financing Lease Provide Finance Company Name _____

The parties have caused this Agreement to be executed by their authorized representative as of the last signature date below.

East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital

**Signature:** _____

**Print Name:** _____

**Title:** _____

**Date:** _____

_____
Purchase Order Number, if applicable

GE Precision Healthcare LLC, a GE Healthcare business

**Signature:** John Cruz

**Title:** Lead Sales Specialist Imaging

**Date:** November 4, 2022


GE Healthcare Confidential and Proprietary

November 4, 2022
Quote Number: **2008070542.5**
Customer ID: **1-23I2AW**
Agreement Expiration Date: **12/31/2022**

**To Accept This Quotation**

Please sign and return this quotation together with your Purchase Order to:

**Name:** John Cruz
**Email** john.cruz@ge.com
**Phone:** (919) 621-3653
**Fax:**

**Payment Instructions**

Please **remit** payment for invoices associated with this quotation to:

**GE Precision Healthcare LLC**
**P.O. Box 96483**
**Chicago, IL 60693**

**FEIN: 83-0849145**

**East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital** **Addresses:**

| | | |
|---|---|---|
| **Bill To**: | East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital | 211 Virginia Rd, Edenton, NC, US, 27932-9668 |
| **Ship To**: | East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital | 211 Virginia Rd, Edenton, NC, US, 27932-9668 |

**To Accept This Quotation**

- Please sign the quote and any included attachments (where requested).
- If requested, please indicate your form of payment.
- If you include a purchase order, please make sure it references the following information:
  - The correct Quote number and Version number above
  - The correct Remit To information as indicated in **"Payment Instructions"** above
  - Your correct SHIP TO and BILL TO site name and address
  - The correct Total Price as indicated above

Upon submission of a purchase order in response to this quotation, GE Healthcare requests the following to evidence agreement to contract terms: Signature page on quote filled out with signature and P.O. number **** OR**** Verbiage on the purchase order must state one of the following:

(i)Per the terms of Quotation # _____, (ii) Per the terms of GPO #_____; (iii) Per the terms of MPA# _____: or (iv) Per the terms of SAA # _____.

Include applicable quote/agreement number with the reference on the purchase order. In addition, Source of Funds (choice of Cash/Third Party Load or GE HFS Lease Loan or Third Party Lease through _____), must be indicated, which may be done on the Quote Signature Page (for signed quotes), or the Purchase Order (where quotes are not signed) or via a separate written source of funds statement (if provided by GE Healthcare)."

# Catalog Item Details

| Line | Qty. | Catalog | |
|---|---|---|---|
| **1** | **1.00** | **Y0000LC** | **Pricing Non-Disclosure Language** |

This CONFIDENTIAL offer may not be shared with any third parties, buying evaluation groups or anyone not directly employed by customer. This offer is being extended in relation to a national show-site agreement, research partnership, or other non-standard transaction. If required for publishing, GE will happily provide a list price quote.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **2** | **1.00** | **S7529WE** | **SIGNA™ ARTIST LIFT for OPTIMA™ MR450w GEM** |

The SIGNA™ Artist 1.5T 70cm wide-bore magnetic resonance system is designed to enable you to deliver both clinical excellence and operational efficiency while changing the MR experience for your patients and staff. With SIGNA™ Artist, put your patients at ease from start to finish with feet-first or head-first entry, Comfort Tilt head and neck positioning as well as free-breathing, motion-forgiving and noise reduced exams. For your staff, simplify and accelerate the scanning process from set-up to acquisition to post-processing with access to an extensive range of clinical imaging and advanced visualization capability.

The SIGNA™ Artist Lift upgrade transforms your Optima™ MR450w GEM system inside and outside. The Lift upgrade catalog comprises the upgrade kits for the magnet, magnet enclosures, rear pedestal, dock assembly and 128ch RF-receive architecture. The Lift upgrade for SIGNA™ Artist also provides advanced applications that extend and enhance the clinical capability and performance of the SIGNA™Works toolkits (quoted and described separately). In addition, this enhanced offering of SIGNA™ Artist Lift adds special AIR™ IQ Edition applications.

- 128ch TDI RF-Receive Technology Upgrade
- Advanced Applications Tools
- AIR™ IQ Edition Applications

In addition, the SIGNA™ Artist Lift upgrade may require additional upgrades based on the upgrade checklist for your specific system. These elements are described and quoted separately, and may include

- Gradient Driver Upgrade
- Anterior Array
- SIGNA™Works AIR™ IQ Edition Software and Clinical Applications Toolkits
- Host PC and Operator Console (GOC)
- Image Reconstruction Computer (ICN)

128CH TOTAL DIGITAL IMAGING UPGRADE

SIGNA™ Artist Lift upgrades Optima™ MR450w GEM to the TDI RF-receive architecture with a 128-channel configuration. The TDI RF-architecture uses a Direct Digital Interface (DDI) to convert the signal from each coil element to a digitized signal (there is no mixing of signal from multiple elements to the same digitizer) to deliver high signal, low noise with extended dynamic range or gray-scale capability.

SIGNA™WORKS AIR™ IQ EDITION ADVANCED APPLICATIONS

The SIGNA™Works AIR™ IQ Edition clinical imaging tools are organized and optimized to address six clinical work areas: NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks. Each clinical toolkit comprises pre-programmed protocols, clinical applications and visualization tools designed for the challenges of each imaging area. The Lift upgrade for SIGNA™ Artist provides advanced applications that extend and enhance the clinical capability and performance of the SIGNA™Works toolkits (quoted and described separately).

Advanced Application for NeuroWorks

- eDWI enhanced diffusion with Multi-B value and SmartNEX
- DTI diffusion tensor imaging
- FiberTrak post-processing for diffusion tensor to display white matter tracking
- 3D SWAN 2.0 GRE-based multi-echo susceptibility imaging including phase image

- PROBE PRESS SV brain spectroscopy
- Inhance 2.0 non-contrast MRA suite (3D velocity, 2D inflow, inflow IR, and Deltaflow)

Advanced Applications OrthoWorks

- MAVRIC SL 3D FSE-based spectral imaging for MR-Conditional implants with T1, PD, T2 and STIR
- CartiGram T2 cartilage mapping

Advanced Applications for BodyWorks

- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)
- IDEAL FSE 3-point Dixon fat-water separation
- Flex 2-point Dixon fat-water separation for 2D FSE, 3D Cube and GRE
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow
- StarMap iron assessment for liver and heart (acquisition)

Advanced Applications for OncoWorks

- eDWI enhanced diffusion with Multi-B value and SmartNEX
- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)

Advanced Applications for CVWorks

- Cine IR fast gradient echo with IR-prep pulse
- 2D MDE IR-prep and gated, fast gradient echo imaging with wide bandwidth suppression and single-shot
- 2D PS MDE phase sensitive tissue characterization with wide bandwidth suppression and single-shot
- Black Blood SSFSE single-shot FSE-based imaging with double IR and triple IR
- StarMap iron assessment for liver and heart (acquisition)
- TRICKS dynamic contrast enhanced, multiphase 3D MRA
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow

Advanced Applications PaedWorks

- eDWI enhanced diffusion with Multi-B value and SmartNEX
- DTI diffusion tensor imaging
- FiberTrak post-processing for diffusion tensor to display white matter tracking
- 3D SWAN 2.0 GRE-based multi-echo susceptibility imaging including phase image
- PROBE PRESS SV brain spectroscopy
- MAVRIC SL 3D FSE-based spectral imaging for MR-Conditional implants with T1, PD, T2 and STIR
- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow
- Cine IR fast gradient echo with IR-prep pulse
- 2D MDE IR-prep and gated, fast gradient echo imaging with wide bandwidth suppression and single-shot
- 2D PS MDE phase sensitive tissue characterization with wide bandwidth suppression and single-shot
- Black Blood SSFSE single-shot FSE-based imaging with double IR and triple IR
- StarMap iron assessment for liver and heart (acquisition)

AIR™ IQ EDITION APPLICATIONS

In addition to the NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks toolkits (described separately), and the advanced applications (described above) this configuration of SIGNA™ Artist Lift further expands and enhances clinical imaging capability with special AIR™ Edition applications:

- AIRx™ Auto Graphic Prescription
- AIR™ Recon DL
- HyperWorks Acceleration
- DiffusionWorks Advanced Diffusion
- DISCO and DISCO Star Body Imaging
- Silent Suite and oZTEo MR Bone Imaging
- CardioMaps and Time Course Cardiac Imaging

- 3D PROMO Prospective Motion Correction
- Cube MDSE vessel wall imaging
- IDEAL IQ liver triglyceride assessment

AIRx™ AUTO GRAPHIC PRESCRIPTION

Change the way you prescribe brain and knee exams. AIR x™ Auto Graphic Prescription uses deep learning algorithms, instead of an atlas-based method, to automatically identify anatomical structures and prescribe slices locations for brain and knee exams. As a result of the deep learning algorithms, AIRx™ automatically adapts slice prescriptions to various patient anatomies and structures to enable consistency and productivity for slice positioning from technologist to technologist, patient to patient and the same patient overtime.

AIR™ RECON DL

Level up your imaging. AIR™ Recon DL is a deep learning-based reconstruction algorithm that utilizes a trained neuro network to remove noise and ringing artifacts from the raw scan data. As a result, AIR™ Recon DL delivers images with enhanced SNR and sharpness while also enabling the reduction in scan time and resulting exam time. AIR™ Recon DL is directly embedded in the reconstruction pipeline to address image quality at the foundation level to produce TrueFidelity images (and therefore is not a traditional filter or a post-processing technique).

- Intelligent pipeline reconstruction produces TrueFidelity images
- Reduces image noise at the foundation level
- Reduced Gibbs and truncation artifacts at the foundation level with intelligent ringing suppression
- Reduces scan time and resulting exam times
- Tailor level based on preference

ADVANCED DIFFUSION PACKAGE

Extend diffusion capability. The Diffusion Package delivers techniques that reduce distortion, correct for motion and increase spatial resolution and performance for diffusion and diffusion tensor imaging.

- PROGRES distortion and motion correction for diffusion
- MUSE multi-shot high-resolution diffusion
- FOCUS DWI 2D slice-selective high-resolution diffusion
- MAGiC DWI diffusion-based synthetic multiple b-value imaging

HYPERWORKS ACCELERATION

Advance your acceleration capability. The HyperWorks toolkit comprises a new generation of acceleration tools that employ a variety of optimized approaches to accelerate imaging for a broad range of exams.

- HyperSense 2.0 compressed sensing
- HyperCube tailored RF
- HyperBand simultaneous slice excitation
- HyperMAVRIC SL accelerated spectral imaging

DISCO STAR and DISCO

Go breath-hold optional. DISCO Star enables the of option of free-breathing dynamic abdominal imaging for patients with limited breath-hold capability or patients who are unable to follow breathing instructions. DISCO Star uses an in-plane radial acquisition trajectory to provide active motion compensation, without navigators or bellows, to address both set-up time and rescans due to motion artifacts. The offering also includes LAVA Star, which provides the same motion robust, free-breathing scan for single phase (pre-contrast or delayed) imaging.

SILENT SUITE and oZTEo MR BONE IMAGING

Address noise and motion. Silent Suite comprises the 3D SILENZ Zero-TE sequence and Silent PROPELLER. SILENZ 3D uses high bandwidth excitation and reduced gradient switching to deliver sound levels near ambient while Silent PROPELLER uses a modified gradient waveform approach to reduce acoustic levels to less than 11dB above the ambient room noise while retaining the motion insensitivity of PROPELLER. (Refer to the data sheet for contrast-weighting details.)


GE Healthcare Confidential and Proprietary

Extend contrast capability. oZTEo MR Bone imaging utilizes the 3D SILENZ ZTE sequence to complement the conventional soft tissue exam with cortical bone surface information. Automated grayscale inversion provides positive bone contrast. The ZTE sequence can be used for 3D isotropic resolution with inherent motion insensitivity due to the radial acquisition technique. oZTEo can be used with any surface coil that is compatible with SCENIC and includes protocols for common joints such as hip, shoulder, wrist, ankle and knee.

CARDIOMAPS and TIME COURSE CARDIAC IMAGING

Extend assessment capability. CardioMaps support detection of cardiac pathologies by quantitative measurement of T1 and T2 relaxation times. The T1 Mapping acquisition includes automatic motion correction that compensates for cardiac and/or respiratory motion, providing reliable results. T1 Mapping offers two methods of acquisition: Inversion-recovery Look-Locker with FIESTA readout (MOLLI) for apparent T1 (T1*) measurements or saturation-recovery SMART1Map for true T1 measurements.

FGRE Time Course adds an additional tool to the CVWorks toolkit for myocardial tissue evaluation. FGRE Time Course is designed for first pass studies and integrates automatic motion correction (MoCo) that compensates for cardiac and/or respiratory motion providing reliable results.

3D PROMO MOTION CORRECTION

Correct for motion prospectively on 3D imaging. 3D PROMO prospective motion correction uses a real-time 3D navigator-based technique to correct for motion, and is compatible with 3D Cube T2W, DIR and T2 FLAIR contrasts.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **3** | **1.00** | **M7130KA** | **Artist Full PGR Upgrade (A) for XGD Gradient** |

Artist Full PGR Upgrade (A) for XGD Gradient

| Line | Qty. | Catalog | |
|---|---|---|---|
| **4** | **1.00** | **M7079EB** | **Gen 7 DL Performance ICN** |

Computing Platform and DICOM Conformance

SIGNA™Works MR systems enhance data reconstruction with the Orchestra platform and Smart AIR™ Recon. The Orchestra computing toolbox enables the integration of advanced reconstruction elements to support demanding, data-intense, applications as well as access to the reconstruction algorithms. AIR™ Recon uses a smart reconstruction algorithm that reduces background noise and artifacts enhancing image quality without the need for longer scan times.

• Reconstruction Engine: Gen7 Dual Intel Xeon Gold 5118 processor
• Memory: ≥128 GB
• Hard Disk Storage: 960 GB SSD
• 2D FFT/second (256 x 256 Full FOV): 63,000 2D FFT/second
• Orchestra reconstruction toolbox
• AIR™ Recon reconstruction

SIGNA™Works MR systems generate MR Image, Secondary Capture, Structured Report, and Gray Scale Softcopy Presentation State DICOM objects. The DICOM networking supports both send and query retrieve as well as send with storage commit to integrate with PACS archive. Refer to the DICOM Compliance Statement for details.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **5** | **1.00** | **M7006DD** | **EcoPower Upgrade** |

The EcoPower Upgrade delivers the optimized power supply to the scan room to support the table and magnet side electronics.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **6** | **1.00** | **M7006KE** | **SIGNA Artist Cables Upgrade Kit - A** |

SIGNA Artist Cables Upgrade Kit - A

| Line | Qty. | Catalog | |
|---|---|---|---|
| **7** | **1.00** | **M7120ST** | **MR29.1 for SIGNA™ Artist 1.5T** |

The SIGNA™Works AIR™ IQ Edition (MR29.1) was designed to simplify and accelerate the scanning process from set-up to acquisition to post-processing for your technical staff, while providing foundational toolkits that enable a broad range of clinical The SIGNA™Works MR29.1 software transitions SIGNA™ Artist to the AIR™ IQ Edition. This catalog comprises the operating/imaging software:

- SIGNA™Works AIR™ IQ Edition new feature summary
- SIGNA™Works AIR™ IQ Edition Workflow Enhancements
- SIGNA™Works AIR™ IQ Edition Technology Toolkits
- SIGNA™ Works AIR™ IQ Edition Clinical Applications Toolkits
- SIGNA™ Works AIR™ IQ Edition READYView Advanced Visualization

The upgrade to the AIR™ IQ Edition of SIGNA™Works enhances existing and adds new workflow and applications capability.

- Split Exam create/assign separate exam number for a sub-set of series
- AIR™ Touch intelligent landmarking activation
- AIR™ Recon smart algorithm for brain, MSK, body, cardiac, PROPELLER MB and FOCUS DWI imaging
- Whole-Body automated multi-station localizer and auto pasting
- Whole-Body automated multi-station FSE-IR, 3D SPGR and DWI imaging (new for upgrades from 27)
- SnapShot SSFSE multi-slice per breath-hold imaging
- Cube flexibility for modifying/reducing scan time
- Dynamic phase correction for FSE imaging
- Uniformity optimization for large FOV body diffusion

SIGNA™Works AIR™ IQ Edition Workflow Enhancements

AIR™ IQ Workflow delivers new capabilities that speed set-up for all exams and streamline scanning for multi-station and combination exams. The AIR™ IQ Edition workflow features include:

- AIR™ Touch intelligent activation reduces set-up time by reducing coil selection and optimization to one finger touch and one mouse click. AIR™ Touch then activates coil elements based on the anatomy, FOV and ARC parallel imaging factor.
- Whole Body Localizer automates the acquisition and pasting of multi-station scans for planning, and Whole-Body Imaging enables automated multi-station scanning with FSE-IR, 3D SPGR and DWI diffusion contrasts.
- Once scanning and processing are complete, Split Exam provides the capability to extract a subset of series from multi-station and combination exams to create/assign a separate exam number for accession numbers in billing and PACS systems.

SIGNA™Works AIR™ IQ Edition Technology and Clinical Applications Toolkits

SIGNA™Works comprises the operating software, pulse sequence families, clinical applications and visualization toolkits as well as acceleration, motion correction and tissue suppression technology. The AIR™ IQ edition adds new capability to the technology and imaging toolkits.

Acceleration Technology

Reduce scan set-up and acquisition time with a suite of acceleration techniques, and many techniques can be used in combination for additive effects. The AIR™ IQ Edition adds AIR™ Touch and AIR™ Recon to the Acceleration portfolio.

- AIR™ Touch intelligent activation reduces set-up time by reducing coil selection and optimization to one finger touch and one mouse click. AIR™ Touch then activates coil elements based on the anatomy, FOV and ARC parallel imaging factor.
- AIR™ Recon is a smart reconstruction algorithm that reduces background noise and artifacts enabling enhanced image quality without the need for longer scan times. AIR™ Recon compatibility expands with the AIR™ IQ edition to be compatible with a broad range of imaging sequences.

- ARC parallel imaging reduces scan time using an auto-calibrating (data-driven) technique. ARC selectively acquires data using an adaptive algorithm. As a result, ARC enables smaller FOV prescription with less sensitivity to motion and prevents coil calibration artifacts. With the AIR™ IQ Edition, AIR™ Touch aids coil activation for ARC.
- ASSET parallel imaging reduces scan time using an array spatial sensitivity (image driven) technique. ASSET takes advantage of the data produced by the multiple coil elements to reduce the total data needed.
- Flexible No Phase Wrap reduces scan time by reducing the number of increments acquired based on a flexible user-selectable factor.
- Fraction NEX reduces scan time by reducing the number of data averages.

Motion Correction Technology

Enable free-breathing body exams and address the effects of motion with patient-adaptive technologies that proactively detect and correct for motion without hardware dependencies or the need for user intervention. The AIR™ IQ Edition adds AIR™ Recon for PROPELLER MB imaging.

- Auto Body Navigators deliver real-time, respiratory motion compensated imaging for a broad range of sequences, including T1w dynamic contrast-enhanced imaging. Auto Body Navigators use a software-based tracking pulse that is automatically placed for the user and allows on-the-fly adjustment to adapt to challenging patient circumstances, again without the need for hardware.
- PROPELLER MB combines radial acquisition and motion correction post-processing to mitigate the effects of motion without the need to position the patient over a sensor. PROPELLER MB can be used to generate T1, T2, PD, T1 FLAIR, and T2 FLAIR contrasts and is compatible with FatSat, ASPIR, STIR T1 and Auto Body Navigators to enable usage for a broad range of exams. With the AIR™ IQ Edition, PROPELLER MB motion correction benefits from AIR™ Recon image quality.

Tissue Suppression Technology

Modify the contribution of fat or water signal with multiple tissue suppression techniques.

- FatSat uses a frequency selective pulse to target and suppress the signal from fat.
- STIR uses an inversion pulse to null either the signal from fat or water based on the timing of the pulse.
- SPECIAL essentially combines FatSat and STIR by using a frequency selective inversion pulse that targets and suppresses the signal from fat.
- ASPIR enhances fat suppression by using a using a spectrally selective (instead of a single frequency) inversion pulse to null the signal from fat.

The SIGNA™Works AIR™ IQ Edition clinical imaging tools are organized and optimized to address six clinical work areas: NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks.

NeuroWorks comprises pre-programmed protocols, clinical applications and visualization tools designed for the challenges of brain and brachial plexus imaging. Resulting capability starts with simplified prescription and protocol set-up. Imaging capability extends to sensor-free motion correction, advanced volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering and dynamic contrast-enhanced assessment.

The AIR™ IQ Edition brings Cube enhancements that provide greater flexibility for modifying/reducing scan time and adds AIR™ Recon image quality.

- READYBrain auto-align for automated brain exam prescription
- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- PROPELLER DW Duo FSE-based diffusion with susceptibility reduction
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or while matter nulling
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling
- 3D FIESTA and 3D FIESTA-C fast steady state imaging
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing

OrthoWorks delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of joint, long bone and spine imaging. Resulting capability starts with fast-spin echo techniques as the foundation for articular cartilage, ligaments, menisci and sub-chondral bone imaging. Imaging capability also extends to sensor-free motion correction, advanced volumetric imaging and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat and volume segmentation/rendering.

The AIR™ IQ Edition brings dynamic phase correction for enhanced FSE imaging and AIR™ Recon image quality.

- FSE and frFSE fast spin echo imaging suites with dynamic phase correction
- FatSat, STIR, SPECIAL, ASPIR, Spectral Spatial fat-suppression tools
- MARS High Bandwidth distortion reduction for FSE
- PROPELLER MB motion robust radial FSE with T1, PD, T2 and Fat Suppression (STIR and ASPIR)
- 3D Cube 2.0 FSE-based imaging with T1, T2, and STIR
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- READYView post-processing

BodyWorks delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of imaging the upper abdomen, liver, male pelvis and female pelvis. Resulting capability starts with sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting capability. Imaging capability further extends to snap-shot imaging, volumetric MRCP imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat and high-definition maximum/minimum intensity pixel projection.

The AIR™ IQ Edition brings automated localizing and imaging for multi-station exams, adds AIR™ Recon image quality for body sequences, adds SnapShot multi-slice per breath-hold imaging and optimization for body diffusion.

- Auto Navigators diaphragm tracker for free-breathing scanning
- PROPELLER MB motion robust radial FSE with T1 and Fat Suppression (STIR and ASPIR)
- 3D Cube FSE-based imaging with T1, T2, and STIR
- 3D Dual Echo gradient echo in/out phase imaging
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging
- 3D MRCP frFSE imaging
- 2D Fat Sat FIESTA fast steady state imaging
- Enhanced SSFSE Snapshot multi-slice imaging with SmartR
- Whole-Body multi-station localizer and pasting
- Whole-Body multi-station FSE-IR, 3D SPGR and DWI imaging
- Multiphase DynaPlan
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- READYView and BodyView post-processing

OncoWorks delivers pre-programmed protocols, multi-station, contrast-timing, clinical applications and visualization tools designed for the challenges of imaging throughout the brain, spine and body. Resulting capability starts with tools that simplify and streamline the steps associated with multi-station acquisition and the timing of contrast delivery. Imaging capability includes sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting capability. Capability further extends to snap-shot imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering, diffusion assessment and auto-contour.

The AIR™ IQ Edition brings automated localizing and imaging for multi-station exams, adds optimization for body diffusion and adds AIR™ Recon image quality.

- Auto Navigators diaphragm tracker for free-breathing scanning
- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- PROPELLER DW Duo FSE-based diffusion imaging with susceptibility reduction
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or while matter nulling
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling

- Enhanced SSFSE Snapshot multi-slice imaging with SmartR
- Whole-Body multi-station localizer and pasting
- Whole-Body multi-station FSE-IR, 3D SPGR and DWI imaging
- 3D LAVA and TurboLAVA with Turbo ARC and SPECIAL
- Multiphase DynaPlan
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- READYView, BrainView and BodyView post-processing

CVWorks delivers pre-programmed protocols, multi-station, contrast-timing, clinical applications and visualization tools designed for the challenges of imaging vascular structures and the heart. Resulting capability starts with tools that simplify and streamline the steps associated with multi-station acquisition and the timing of contrast delivery. Imaging capability includes sensor-free navigators that enable the ability to conduct free-breathing exams. For MRA, imaging capability includes 2D and 3D time-of-flight and phase contrast MRA. For the heart, imaging capability includes techniques for morphology, function and tissue characterization. Post-processing capability augments the portfolio with interactive vascular imaging for MRA and high-definition maximum/minimum pixel projection.

The AIR™ IQ Edition adds AIR™ Recon image quality for cardiac sequences.

- Auto Navigators diaphragm tracker for free-breathing scanning
- iDrive for free breathing cardiac planning
- 2D FIESTA Cine gated steady-state, multi-phase imaging
- 3D FS FIESTA steady-state imaging with Fat Sat
- 2D/3D IR Prep gated fast gradient echo imaging
- 2D/3D Time-Of-Flight & 2D Gated Time-of-Flight
- 2D/3D Phase Contrast & Phase Contrast Cine
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- 3D QuickStep automated multi-station imaging
- READYView post-processing

PaedWorks delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of imaging pediatric patients. Resulting capability starts with sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting. Imaging capability further extends to advanced volumetric imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering and diffusion assessment.

The AIR™ IQ Edition brings Cube enhancements that provide greater flexibility for modifying/reducing scan time, enables AIR™ Recon image quality for PROPELLER MB, body and cardiac sequences and expands diffusion techniques.

- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or while matter nulling
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling
- 3D FIESTA and 3D FIESTA-C fast steady state imaging
- Auto Navigators diaphragm tracker free-breathing scanning
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging
- Enhanced SSFSE Snapshot multi-slice imaging with SmartR
- StarMap iron assessment for liver and heart (acquisition)
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing

Advanced Visualization and Post-Processing

READYView is a SIGNA™ Works AIR™ IQ Edition advanced visualization tool designed to simplify the quantitative analyses of multiple data sets. READYView automatically selects the most relevant post-processing protocol for the user and provides guided workflow and general assistance for the processing algorithms. In addition, the user can customize workflows with adjustable

layouts, personalized parameter settings and custom review steps. Key capabilities of READYView include the ability to analyze, export and save:

- Time series
- Diffusion weighted series
- Diffusion tensor series
- Variable echo series
- Blood oxygen level dependent (BOLD) series fMRI processing
- Spectroscopy data (single voxel and 2D or 3D CSI)
- MR Touch (MR elastography) series

| Line | Qty. | Catalog | |
|---|---|---|---|
| **8** | **1.00** | **M7008GF** | **COMPUTING PLATFORM AND DICOM CONFORMANCE - T5820** |

The SIGNA™Works AIR™ IQ Edition computing platform utilizes a parallel, multi-processor design to enable simultaneous scanning, reconstruction, filming, post-processing, archiving and networking. The host PC operates on the Scientific Linux operating system and utilizes a single tower configuration. The computing platform also includes an LDC monitor and keyboard assembly with an integrated intercom speaker, microphone, volume controls, and emergency stop switch. Start scan, pause scan, stop scan and table advanced to center “hot” keys are also included.

Host PC Platform

- Operating System: Scientific Linux
- Memory: 64 GB
- Hard Disk Storage: 1024 GB SSD
- Media Drives: CD/DVD

SIGNA™ generates MR Image, Secondary Capture, Structured Report, and Gray Scale Softcopy Presentation State DICOM objects. The DICOM networking supports both send and query retrieve as well as send with storage commit to integrate with PACS archive. Please refer to the DICOM Compliance Statement for details.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **9** | **1.00** | **S7529TC** | **1.5T Express Table with IntelliTouch Technology and 1.5T Posterior Array** |

The fully detachable 1.5T Express Patient Table with IntelliTouch Technology incorporates the Liberty Docking System to improve safety, exam efficiency, and patient comfort over fixed-table solutions.

Easily docked and undocked by a single operator, the patient table is simple to move in and out of the exam room for patient transport and preparation. These become vital features in those instances where multiple patient transfers can negatively impact patient care or when emergency evacuation is required; the table can be undocked and removed from the scan room in under 30 seconds with just one technologist. In time-sensitive situations there is no need to remove or disconnect surface coils as the system can automatically disconnect the coils for you.

Express Patient Table Comfort:

The fully detachable table may help reduce patient anxiety and provide personal discretion by enabling patients to prepare for the exam in a private space. This is particularly important for patients undergoing a breast evaluation.

To improve patient comfort and safety, the coil suite includes a unique set of Patient Comfort pads. The pads are designed with variable density foam that uniquely compresses based on patient geometry and weight. Certain sections of the coil suite pads are designed to compress more easily than others and this optimal design may minimize pressure points and improve patient comfort. The pads have been designed to support a wide range of patient sizes and weights.

In addition, the pads are made with UltraFresh protective coating, are strong, fluid-proof, air tight, and easily cleanable. An anti-skid undersurface reduces pad movement on the table and thus may simplify patient setup and egress.

Symmetric Scan:

To help reduce patient anxiety, the Express Patient Table is designed to accommodate head first or feet-first imaging for all neurologic, cardiac, abdominal, spinal, and peripheral vascular exams, as well as most musculoskeletal imaging. Whole body imaging may also be completed in either patient orientation. All breast imaging is completed feet first.

Symmetrically positioned within the patient supporting cradle are three high density coil connection ports. One at each end of the patient cradle, and another one embedded under the covers to connect the Posterior Array (sold separately). This design enables all components of the coil suite to support either patient orientation and helps ensure the most comfortable patient position. Two additional coil connection ports are included on the scanner docking mechanism.

Ergonomics:

With one hand and with one simple motion, the integrated arm boards and IV pole can be optimally positioned to support the patient for injections or transportation. This unique capability of the Express Table also makes it ideally suited for multi-station exams with no scan room intervention, such as peripheral vascular (run-off) imaging.

• Patient table drive: Automated, power driven vertical and longitudinal.
• Longitudinal speed: 30 cm/sec (fast) and 0.5 cm/sec (slow).
• Total cradle length: 211 cm.
• Positioning accuracy: +/- 0.5 cm.
• Maximum patient weight for scanning: 227 kg (500 lbs).
• Maximum patient weight for lift: 227 kg (500 lbs).
• Maximum patient weight when mobile: 227 kg (500 lbs).

IntelliTouch patient positioning:

Many routine tasks are automated to both simplify patient preparation, and gain productivity. With IntelliTouch Technology, the technologist simply touches the side of the patient table and then a
highlighted button to efficiently complete the following:

• Landmark the patient.
• Activate the surface coil.
• Center the patient in the bore.
• Start scanning.
• Acquire, process and network images.

For those patients where pinpoint alignment is desired, laser alignment lights may be used for either the selection or confirmation of landmark position.

Additional tables may be purchased for use with the scanner. With a second table, the next patient can be fully prepared for the exam outside the magnet room while the current patient is being scanned, thus maximizing system utilization and productivity.

The 1.5T Posterior Array (PA) is designed to provide optimum element geometry for each patient and targeted anatomy. Unlike matrix arrays that use the exact same coil element size and shape for all anatomy, the PA uses different element geometries for the cervical to-thoracic spine transition, thoracic and lumbar spine, and body and cardiac anatomy. This approach maximizes signal-to-noise by matching the size and shape of the coil elements to the size and shape of the targeted anatomy. Four different sizes and shapes of elements are used throughout the design, and parallel imaging is supported in all 3 planes.

The PA is symmetrically positioned within the Express Patient table and is fixed in location. This design enables all components of the coil suite to support either head-first or feet-first patient orientation to support either patient preference.

The PA is invisible to additional surface coils when they are placed directly on top of the surface. Unique electronic decoupling circuits ensures there is no electrical interference between surface coils. This feature is critically important for patient and operator workflow and enables the PA to be stationary for all exams, including breast and musculoskeletal exams where dedicated coils are typically used for these anatomies.

PA Coil Specifications:

• S/I Coverage: 100cm.
• Head or Feet-first imaging.
• Elements: 40.

The PA Array is designed to be used in conjunction with the Head and Neck unit, the Large Anterior Array, the Small Anterior Array, and the Peripheral Vascular Array (each purchased separately). In addition, the PA may co-reside with an additional dedicated anatomy-specific coils (each purchased separately). Additional PA coils may be purchased for use in additional Express patient tables.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **10** | **1.00** | **M6006CA** | **1.5T Shoulder Array Cable Assembly** |

1.5T Shoulder Array Cable Assembly

| Line | Qty. | Catalog | |
|---|---|---|---|
| **11** | **1.00** | **M6006CB** | **1.5T Breast Array Cable Assembly** |

1.5T Breast Array Cable Assembly

| Line | Qty. | Catalog | |
|---|---|---|---|
| **12** | **1.00** | **M7001DA** | **English Labels and Warning Sign Kit** |

English Labels and Warning Sign Kit

| Line | Qty. | Catalog | |
|---|---|---|---|
| **13** | **1.00** | **R32052AC** | **Standard Service License** |

The Standard Service License provides access to service tools used to perform basic level service on the Equipment and is included at no charge for the warranty period.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **14** | **1.00** | **M7006NB** | **1.5T 30-channel AIR Anterior Array** |

The 30-channel AIR Anterior Array (AIR AA) is the next generation anterior array coil that allows flexibility in all directions to conform to the patient's anatomy. Based on the innovative technologies behind the Inca conductor and the Emode electronics, the AIR AA provides uncompromised SNR and acceleration performance, while improving the overall patient and user experience. The coil has been designed to adapt various patient shapes and sizes, with an ultra-light weight distribution. The AIR AA can be used for torso, cardiac, abdomen, prostate, pelvis, hip, whole-body and peripheral vascular examinations, in conjunction with other coils.
On SIGNA Artist requires DV27 software or higher.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **15** | **1.00** | **S7529CZ** | **1.5T AIR™ MP and NeoCoil Shoulder Package** |

The 21-channel 1.5T AIR Multi-purpose (MP) Large and The 20-channel 1.5T AIR MP Medium are the next generation multipurpose coils that allow flexibility in any direction to conform to the patient’s anatomy.

Based on the innovative AIR™ Coil technologies, those 1.5T AIR™ MP Coils provide good image quality and acceleration performance, while improving the overall patient and user experience. Those coil have been designed to adapt various patient shapes and sizes, expanding positioning versatility. AIR™ MP Coil Large is recommended to be used for Shoulder, Forearm, Prostate, Hip/bony pelvis, Knee (large patients), Long bone, Foot/ankle. AIR™ MP Coil Medium is recommended to be used for Cardiac, Elbow, Hand/wrist, Knee (small patients), Forefoot.

The AIR™ MP Coil positioner kit includes a knee positioner, a foot-ankle positioner, a wedge pad, a u-shaped pad and a strap kit. Those are compatible with both AIR™ MP Coils Large and Medium for positioning.

The 1.5T Shoulder Coil by NeoCoil consists of a soft and light anterior array paired with a formed posterior array that together are

designed to aid flexible patient positioning and heightened comfort. The coil is a phased array design with 16-channel receive and parallel imaging compatibility to also deliver enhanced SNR and speed for shoulder imaging at 1.5T.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **16** | **1.00** | **E8823NA** | **MRI Audio 1505 Complete system (for SIGNA Premier, Discovery™ MR750/750w, Optima™ MR450/450w, SIGNA™ PET/MR, SIGNA Architect/Artist/Voyager/Pioneer, SIGNA HDxt, and SIGNA Creator/Explorer hardware v25.3 and Pioneer hardware v26.1)** |

MRI Audio 1505 Complete music system for MRI systems is designed for comfort and allows the patient to listen to music while being scanned in an MRI. The technologist is in full control of the system headphones, microphone, sound source and volume controls. Standard 3.5 mm plug for music source allows any compatible music player, tablet or phone. In-ear headphones work with any head coil.
Package includes:
• Digital amplifier
• iPad Mini
• iPad Mini mount with lock
• 3G transducer
• In-ear headphones, 29dB noise reduction
• Over-ear headphones, 29dB noise reduction
• Disposable ear tips (300 pairs)
• Technologist's speakers
• 6 ft RCA 3.5 mm cable
• Auto-voice/MIC adapter

| Line | Qty. | Catalog | |
|---|---|---|---|
| **17** | **1.00** | **E8912CA** | **Dimplex MR Heat Exchanger 49kW - Standard Ambient Temp** |

NOTE: Item is NON-RETURNABLE and NON-REFUNDABLE
GE Heat Exchangers - 49kW (20Tons)

Cooling for your GE Healthcare MR system has never been so easy. GE Healthcare has partnered with the Glen Dimplex Group, a world leader in cooling systems, to offer heat exchangers designed to meet the needs of your MR System. Now you can look to GE Healthcare for your entire MR purchase and support.

This heat exchanger is highly reliable and the only unit verified to perform with the new platform of GE Healthcare MR systems. As part of your integrated GE Healthcare solution, you'll work with a single contact throughout the whole installation. A Project Manager of Installation will help with building layout, room designs, delivery and installation - every step until your system is ready to scan. Our team will work seamlessly with architects, contractors and your internal team to help ensure timely, cost-effective completion.

Once your cooling system is running, you'll get fast, highly-skilled service support managed through GE Healthcare - with the same quality and response time you expect from your MR system.

FEATURES AND BENEFITS
• Designed to provide stable fully dedicated cooling for your MR system's needs
• Water/glycol outdoor-air-cooled heat exchangers to support your highest exam volumes and your full range of diagnostic procedures
• Redundant fluid pumps with automatic switchover let you keep operating with no loss of cooling even if one pump goes down
• Quad compressor, dual tandem refrigeration circuit design saves on energy while your system smoothly transitions through the 10% to 100% heat load capacity cycles of patient scanning and idling
• Quiet operation between patient exams and overnight - ideal for facilities in residential areas
• Comes with installation support, installation visits, preventative maintenance visit and 1 full year of parts and labor warranty
• Installation support includes: support through GE's Project Manager of Install, GE's Design Center, technical support from the Glen Dimplex company, two (2) installation visits
• Comprehensive and quality service rapidly delivered through our CARES service solution
• 65 gallons of 100% glycol concentrate for complete system filling and diluting
• Wall mounted remote display panel provides the ability to monitor the system's operation and indicates possible system errors

• Filter kit with flow meter helps to ensure purity of water prior to entry to the MR system
• Highly recommended that Vibration Isolation Spring Kit (E8911CJ) be added for systems that will be roof top mounted

SPECIFICATIONS
• Net Cooling Capacity: 49 kW / 20 Ton
• Maximum Coolant Flow: 35 gpm (132 l/m)
• Coolant Outlet Temperature: 48 F (8.9 C)
• Coolant Temp Stability: E 1.8 F ( E1.0 C)
• Max Coolant Pressure : 70 Psi (4.8 Bar)
• Refrigerant: R407C
• Ambient Temp Range: -20 to 120 F (-30 to 50 C)
• Condenser Air Flow (Approx): 18,000 Cfm
• Tank Capacity: 100 gal (378 l)
• Flow Meter Range: 4-40 gpm
• Filters: 50 micron cartridge filters
• Supply Voltage: 460v / 3 phase / 60 Hz
• Coolant Connections: 2"" NPTF
• Overall Size (L x W x H) 44"" x 136"" x 84.5""

COMPATIBILITY:
• GE MR450w or MR System

| Line | Qty. | Catalog | |
|---|---|---|---|
| **18** | **1.00** | **E8911CG** | **Manual Cryogen Compressor Water Bypass** |

NOTE: Item is NON-RETURNABLE and NON-REFUNDABLE
GE MR Heat Exchanger Manual Cryogen Compressor Water Bypass Option

Add a level of magnet protection with a Manual Cryogen Compressor Bypass. In case of a power failure, you can cycle municipal or facility water through the cryogen compressor and reduce cryogen loss and reduce the likelihood of quenching.

FEATURES AND BENEFITS
• Easy to install and simple to use
• Helps switch over water supply to your cryogen compressor in the event of loss of power to reduce cryogen loss
• Includes fluid supply pressure gauge, temperature gauge and flow rate meter for easy verification of operation
• Manual operation reduces unintentional switch-overs and coolant dumping during brown-outs and supply power glitches

COMPATIBILITY
Must be used with a GE MR Heat Exchanger:
• E8911CA
• E8911CB
• E8911CC
• E8911CD
• E8912CA
• E8912CB
• E8912CC
• E8912CD

| Line | Qty. | Catalog | |
|---|---|---|---|
| **19** | **1.00** | **E8802MC** | **MR Signa Wide Security Straps** |

Wide security strap set - includes one strap with Velcro and one strap with plastic buckle; 14 in. wide. For use with GE Signa MR systems.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **20** | **1.00** | **E8802MD** | **MR Signa Narrow Security Straps** |

Narrow security strap set - includes one strap with Velcro and one plastic buckle; 6 in. wide. For use with GE Signa MR systems.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **21** | **1.00** | **E8802MH** | **MR Signa Replacement Table Pad (Gray)** |

This replacement table pad is the same as the pad shipped with new systems. It has a gray, nylon cover and measures 15.5 in W x 60 in. L x 2 in. H. For use with GE Signa MR systems

| Line | Qty. | Catalog | |
|---|---|---|---|
| **22** | **1.00** | **W0301MR** | **TIP MR 1.5T Training Program** |

This training program is designed for customers purchasing a GEHC 1.5T MR system. GEHC will work with the designated Customer contact to agree upon a reasonable training schedule for a pre-defined group of core technologists that will leverage blended content delivery and may include a combination of onsite days and virtual offerings, to include TiP Virtual Assist, the GEHC Answerline and available on-demand courses ("Virtual Inclusions"). This blended curriculum with multiple delivery platforms promotes learner retention and allows for an efficient and effective skill development.

This program may contain:
• Onsite training (generally 12 days)
• Virtual Inclusions may include:
• Remote instructor-led training: Instructor leads a remote training session one-on-one or in a group, typically for 1 hour
• Answerline Support-Access to GEHC experts for clinical, non-emergency applications assistance via phone or by using the iLinq button on the imaging console
• Tip Virtual Assist-Direct interactive access to a GEHC expert for enhanced support.
• On Demand courses-On healthcare learning system. Self-paced courses and webinars (CE and non-CE).
Training will be delivered at a mutually agreed upon time between the customer and GE Healthcare (excluding GE Healthcare holidays and weekends), are subject to availability and generally will not exceed 15 days. This training program has a term of twelve (12) months commencing on Acceptance, where all onsite training must be scheduled and completed within twelve (12) months of Acceptance and all Virtual Inclusions also expire at the end of such twelve (12) month period. Additional onsite days may be available for purchase separately.
All GEHC "Training" terms and conditions apply. Given the unique nature of this program, if this program is purchased as part of a purchase under a Governing Agreement, including any Master Purchase Agreement, Group Purchasing Organization Agreement, or Strategic Alliance Agreement, this program shall take precedence over any conflicting training deliverables set forth therein.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **23** | **1.00** | **NI_MR_IN STALLATI ON** | $5000 is applied to 3rd-Party Rigging Services, as directed by Customer. Rigging (including excess/additional rigging costs) remains the Customer's responsibility. Unapplied rigging funds will be forfeited without refund or credit. |

Rigging, De-installation, Installation Charges.
Rigging remains the responsibility of Customer.
Any rigging costs in excess of this amount shall be the responsibility of Customer.
Unapplied rigging funds will be forfeited without refund or credit.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **24** | **1.00** | **S7530EL** | **Early Adopter SIGNA™ Artist MR30 Software Upgrade** |

Early Adopter MR 30 Application Software Upgrade for SIGNA™ Artist family of MR scanners.

Early access to latest MR Applications software to enable AIR™ Recon DL extensions to 3D and PROPELLER imaging.

NOTE: This package only available to pre-selected sites with approval from Global Product Management.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **25** | **1.00** | **M70024HR** | **SIGNA_LX1.MR30.0 SW eDelivery** |

Software eDelivery is used to associate the MRI scanner with GE HealthCare's remote software delivery infrastructure. No items are being delivered physically or electronically. (For tracking purpose only – non purchasable catalog)

| Line | Qty. | Catalog | |
|---|---|---|---|
| **26** | **1.00** | **S7530EA** | **AIR™ Recon DL Early Adopter Bundle** |

AIR™ Recon DL 3D and PROPELLER - Early Adopter Package.

Early access to the latest AIR™ Recon DL extensions to 3D and PROPELLER Imaging.
AIR™ Recon DL is a pioneering, deep-learning based reconstruction algorithm applied to the raw scan data to improve SNR and image sharpness. This propriety technique improves image quality at the foundational level by removing image noise and ringing artifacts while enabling shorter scan times. With AIR™ Recon DL, customers will be able to:

- Remove noise in the images through trained deep learning algorithms
- Increase productivity by enabling shorter scan times
- Eliminate Gibbs and truncation artifacts with intelligent ringing suppression
- Deliver sharper, clearer and accurate MR images
- Apply a tailored level of AIR™ Recon DL based on preference
- Enable applied PROPELLER and 3D sequences without anatomical limitations
- Visualize AIR™ Recon DL images directly at the MR console without reconstruction delays

AIR™ Recon DL PROPELLER is compatible with 2D radial motion-insensitive PROPELLER sequence which includes PROPELLER DWI.
AIR™ Recon DL 3D is compatible with most 3D sequences including Fast Spin Echo, Gradient Echo and Fast Gradient Echo family of sequences

NOTE:
AIR™ Recon DL requires GEN 7 DL ICN, and AIR™ Recon DL 3D also requires AIR™ Recon DL 2D license.
This package only available to pre-selected sites with approval from Global Product Management. Requires MR30 Application Software upgrade.

| Line | Qty. | Catalog | |
|---|---|---|---|
| **27** | **3.00** | **W0330MR** | **TIP DAY OF APPLICATIONS TRAINING** |

A single day of applications training delivered at customer's site for any GE Healthcare Diagnostic Imaging system. Training will be delivered at a mutually agreed upon time between the customer and GE Healthcare (excluding GE Healthcare holidays), and are subject to availability. Training must be completed within 12 months from purchase.

***Total Quote Subtotal:*** **$886,396.00**

***Total Quote Net Selling Price:*** ***$886,396.00***

If applicable, for more information on this devices' operating system, please visit GE Healthcare's product security portal at:
https://securityupdate.gehealthcare.com/en/products

# Optional Items

Please initial the Catalogs you wish to purchase

| Catalog Number | Qty. | Description | Net Price | Initial |
|---|---|---|---|---|
| **M7006CE** | **1.00** | **1.5T 16-Channel T/R Hand-Wrist Coil**<br><br>The 1.5T 16-Ch T/R Hand Wrist Coil is a transmit and receive MRI RF coil intended for obtaining diagnostic images of patient hand and wrist anatomies. The coil consists of two saddle coils driven in quadrature capable of both transmitting and receiving, along with an array of sixteen surface receive elements. The transmit coil consists of two orthogonal saddles, which is a volume transmit coil for transmitting RF magnetic field into human tissue during transmit phase, and can function as a receive coil for receiving MRI signal from human tissue during receive phase. The device includes two rigid, plastic bases which the coil can be attached to and removed as desired. One positions the coil for horizontal wrist imaging, and one positions the coil for vertical wrist imaging. In the horizontal position, position of the coil can be adjusted along the base to accommodate imaging of either the left or right hand. Foam pads are also provided as accessories to aid in patient immobilization, anatomy positioning, and to enhance patient comfort.<br><br>Compatible only with MR systems that have 32-channels or more. Not compatible with 16-channel systems. Requires software 26.0 R02 or higher for DV products and 26.2 or higher for Voyager. | **$32,900.00** | _____ |

| Catalog Number | Qty. | Description | Net Price | Initial |
|---|---|---|---|---|
| **M7001NL** | **1.00** | **1.5T 16-Channel T/R Knee Array**<br><br>The 1.5T 16-channel Knee Array is a transmit/receive coil that produces high resolution images of the knee and is optimized for parallel imaging in all three directions to reduce acquisition times. | **$37,600.00** | _____ |

November 4, 2022
Quote Number: **2008070542.5**
Customer ID: **1-23I2AW**
Agreement Expiration Date: **12/31/2022**

# GPO Agreement Reference Information

| | |
|---|---|
| Customer: | East Carolina Health Chowan, Inc. d/b/a ECU Health Chowan Hospital |
| Contract Number: | Premier |
| Billing Terms: | 80% on Delivery / 20% on Acceptance |
| Payment Terms: | NET 45 DAYS |
| Shipping Terms | FOB DESTINATION |

Offer subject to the Terms and Conditions of the applicable Group Purchasing Agreements currently in effect between GE Healthcare and Premier

If applicable, for more information on this devices' operating system, please visit GE Healthcare's product security portal at: https://securityupdate.gehealthcare.com/en/products

Please consult the following to access the applicable Agreements and Contract Summaries for the following Group Purchasing Organizations:

This product offering is made per the terms and conditions of Premier /GE Healthcare GPO Agreements as follows:

**Imaging**: Bone Densitometry:PP-IM-263, Cardiovascular Imaging:PP-IM-264, CT:PP-IM-265, General Radiography:PP-IM-266, Mammography:PP-IM-267, Molecular Imaging (Nuc/Pet):PP-IM-269, MRI:PP-IM-270, (Invasive Cardiology):PP-CA-477.

**Ultrasound**: PP-IM-271

**Premier:** Access the login page at https://**premierconnect.premier**inc.com. If a copy of the contract is not available, please consult your GPO Client Manager

**1. Definitions.** As identified in this Agreement, "Equipment" is hardware and embedded software that is licensed with the purchase of the hardware delivered to Customer in GE Healthcare's packaging and with its labeling; "Software" is software developed by GE Healthcare and/or delivered to Customer in GE Healthcare's packaging and with its labeling, and Documentation associated with the software; "Third Party Software" and "Third Party Equipment" are respectively software developed by a third party, and hardware and embedded software that is licensed with the purchase of the hardware, that is delivered to Customer in the third party's packaging and with its labeling (collectively, "Third Party Product"); "Product" is Equipment, Software and Third Party Product; "Services" are Product support or professional services; "Subscription" is a limited-term, non-transferable license to access and use a Product (except Healthcare Digital Products), including any associated support Services; "Healthcare Digital Products" are: (i) Software identified in the Quotation as "Centricity"; (ii) Third Party Software licensed for use in connection with Centricity Software; (iii) hardware used to operate Centricity or Third Party Software; (iv) Services provided for implementation, installation or support and maintenance of Centricity or Third Party Software licensed for use in connection with Centricity Software; and/or (v) any Product or Service that is identified in a Healthcare Digital Quotation. "Specifications" are GE Healthcare's written specifications and manuals as of the date the Equipment shipped; and "Documentation" is the online help functions, user instructions and manuals regarding the installation and operation of the Product as made available by GE Healthcare to Customer.

**2. Term and Termination.** Software licenses, Services and/or Subscriptions will have individual term lengths identified in the Quotation. If there is a material breach of this Agreement and/or the Quotation that is not cured by the breaching party within 60 days from receipt of written notice, the non-breaching party can terminate the respective Agreement or Quotation. Other than as set forth in this Agreement, neither party can unilaterally terminate this Agreement or a Quotation. Any remaining undisputed, unpaid fees become immediately due and payable on expiration or termination. Expiration or termination of this Agreement will have no effect on Quotations executed prior to the date of expiration or termination.

**3. Software License**. Other than as identified in a Quotation, GE Healthcare grants Customer a non-exclusive, non-transferable, non-sublicensable, perpetual license to use the Software for Customer's internal business purposes only in the United States consistent with the terms of this Agreement. Customer's independent contractors (except GE Healthcare competitors) may use the Software, but Customer is responsible for their compliance with this license, and additional license fees may apply. Customer cannot modify, reverse engineer, copy or create derivative works of the Software, except for making 1 backup copy, and cannot remove or modify labels or notices of proprietary rights of the Software or Documentation. If GE Healthcare provides Third Party Software, Customer will comply with third party license terms, and licensors are third-party beneficiaries of this Agreement.

**4. Commercial Logistics**

4.1 Order Cancellation and Modifications.

4.1.1 Cancellation. If Customer cancels an order prior to shipment without GE Healthcare's written consent, Customer will be responsible for all third-party expenses incurred by GE Healthcare prior to Customer's order cancellation and GE Healthcare may charge: (i) a fee of up to 10% of the Product price; and (ii) a fee for site evaluations performed prior to cancellation. GE Healthcare will retain, as a credit, payments received up to the amount of the cancellation charge. Customer must pay applicable progress payments (other than final payment) prior to final calibration, and GE Healthcare may delay calibration until those payments are received. If Customer does not schedule a delivery date within 6 months after order entry, GE Healthcare may cancel on written notice. This Section does not apply to Software or Subscriptions, Third Party Products and/or related professional or installation services; those orders are non-cancellable.

4.1.2 Used Equipment. Equipment identified as pre-owned, refurbished, remanufactured or demonstration Equipment is not new and may have received reconditioning to meet Specifications ("Used Equipment"). Sale of Used Equipment is subject to availability. If it is no longer available, GE Healthcare will attempt to identify other Used Equipment in its inventory that meets Customer's needs, and if substitute Used Equipment is not acceptable, GE Healthcare will cancel the order and refund any deposit Customer paid for the Used Equipment.

4.2 Site Preparation. Customer is responsible for network and site preparation, including costs, in compliance with GE Healthcare's written requirements and applicable laws. GE Healthcare may refuse to deliver or install if the site has not been properly prepared or there are other impediments.

4.3 Transportation, Title and Risk of Loss. Unless otherwise identified in the Quotation, shipping terms are FOB Destination. Title and risk of loss to Equipment and Third-Party Equipment passes to Customer on delivery to Customer's designated delivery location.

4.4 Delivery, Returns and Installation. Delivery dates are approximate. Products may be delivered in installments. GE Healthcare may invoice multiple installment deliveries on a consolidated basis, but this does not release Customer's obligation to pay for each installment delivery. Delivery occurs: (i) for Product, on electronic or physical delivery to Customer; and (ii) for Services, on performance.

Products cannot be returned for refund or credit if they match the Quotation.

Delivery and installations will be performed from 8am to 5pm local time, Monday-Friday, excluding GE Healthcare holidays, and outside those hours for an additional fee. Customer will: (i) install cable and assemble products not provided by GE Healthcare; (ii) enable connectivity and

interoperability with products not provided by GE Healthcare; (iii) pay for construction and rigging costs; and (iv) obtain all licenses, permits and approvals for installation, use and disposal of Products. For upgrades and revisions to non-Healthcare Digital Products, Customer must return replaced components to GE Healthcare at no charge.

4.5 Information Technology Professional Services ("ITPS"). ITPS must be completed within 12 months of the later of the ITPS order date or Product delivery. If not done within this time period, other than because of GE Healthcare's failure to perform, ITPS performance obligations expire without refund. ITPS includes project management, HL7/HIS system integration, database conversion, network design and integration and separately cataloged software installations. This Section does not apply to Healthcare Digital Products.

4.6 Acceptance.

4.6.1 Equipment Acceptance. Beginning on completion of installation (not to exceed 30 days from shipment) or delivery (if installation is not required), Customer will have 5 days to determine if the Equipment operates substantially in accordance with Specifications ("Equipment Test Period"). If the Equipment fails to perform accordingly, Customer will provide to GE Healthcare: (i) written notice; (ii) access to the Equipment; and (iii) a reasonable time to bring the Equipment into compliance. After correction by GE Healthcare, Customer will have the remainder of the Equipment Test Period or 3 days, whichever is greater, to continue testing. Equipment is accepted on the earlier of expiration of the Equipment Test Period or the date the Equipment is first used for non-acceptance testing purposes.

4.6.2 Software Acceptance. Beginning on completion of Software implementation, Customer will have 30 days to determine if the Software operates substantially in accordance with the Documentation ("Software Test Period"). If the Software fails to perform accordingly, Customer will provide to GE Healthcare: (i) written notice; (ii) access to the Software; and (iii) a reasonable time to bring the Software into compliance. After correction by GE Healthcare, Customer will have the remainder of the Software Test Period or 5 days, whichever is greater, to continue testing. Software is accepted on the first to occur of: (a) expiration of the Software Test Period; (b) the date Software is first used to process actual data; or (c) the "Go-Live Date" as defined in the Quotation.

4.6.3 Third Party Product Acceptance. Third Party Products are accepted 5 days after delivery.

4.6.4 Subscription Acceptance. Products provided pursuant to a Subscription are accepted 5 days after GE Healthcare provides Customer access to the Products.

4.7 Third Party Products and Services. If GE Healthcare provides Third Party Products and/or Services, then (i) GE Healthcare is acquiring them on Customer's behalf as its agent and not as a supplier; (ii) GE Healthcare provides no warranties or indemnification, express or implied; and (iii) Customer is responsible for all claims resulting from or related to their acquisition or use.

4.8 Mobile Equipment. GE Healthcare will assemble Equipment it has approved for mobile use at the vehicle location identified by Customer. Customer will comply with the vehicle manufacturer's planning requirements and arrange for delivery of the vehicle. Equipment placed in a mobile environment must be used for medical, billing, or other non-entertainment use by bona fide medical professionals authorized to use and prescribe such use.

4.9 Audit. GE Healthcare may audit Customer's use of Software, Subscription and Healthcare Digital Products to verify Customer's compliance with this Agreement up to 12 months following termination or expiration of the applicable Quotation. Customer will provide reasonable assistance and unrestricted access to the information. Customer must pay underpaid or unpaid fees discovered during the audit, and GE Healthcare's reasonable audit costs, within 30 days of written notification of the amounts owed. If Customer does not pay, or the audit reveals that Customer is not in compliance, GE Healthcare may terminate Customer's Software license, Subscription or use of the Healthcare Digital Product.

4.10 Product Inflation. For GE Healthcare imaging Products only (to exclude ultrasound and life care solutions Products), due to the potential long cycle time from Product order to Product delivery, GE Healthcare may increase Product Total Quote Net Selling Price by an amount equal to the increase in the U.S. Bureau of Labor Statistics Consumer Price Index ("CPI") from the date of Product order to the date of notice prior to Product delivery, by providing at least 4 weeks prior notice from the requested delivery date.

**5. Security Interest and Payment.**

5.1 Security Interest. Customer grants GE Healthcare a purchase money security interest in all Products in the Quotation until full payment is received, and Customer will perform all acts and execute all documents necessary to perfect GE Healthcare's security interest.

5.2 Failure to Pay. If, after Product delivery, Customer is more than 45 days past due on undisputed payments, GE Healthcare may, on 10 days' prior written notice, disable and/or remove the Products.

5.3 Lease. If Customer leases a Product, Customer continues to be responsible for payment obligations under this Agreement.

6. **Trade-In Equipment.** Trade-in equipment identified in a Quotation will be subject to separate trade-in terms and conditions.

7. **Subscriptions**. The following terms apply to all Subscriptions (excluding Healthcare Digital Products).

7.1 Commencement. Unless otherwise indicated in this Agreement or the Quotation, the Subscription commences on the date GE Healthcare provides Customer access to the Products.

7.2 Renewal / Non-Renewal. The Subscription term renews automatically for the same duration as the initial term of the Subscription unless otherwise identified in the Quotation. Except as otherwise identified in this Agreement or a Quotation, GE Healthcare may increase prices annually by no more than the Consumer Price Index for All Urban Consumers (U.S. City Average, December to December) plus 2%, upon 90 days' prior written notice. Subscriptions are not cancellable; however, either party may opt to not renew the Subscription after the initial Subscription term or any subsequent renewal term by providing at least 60 days' prior written notice to the other party prior to renewal.

7.3 Subscription Equipment. Title to Equipment and Third-Party Equipment provided via Subscription ("Subscription Equipment") remains with GE Healthcare. Customer will not place, or permit the placement of, liens, security interests, or other encumbrances on Subscription Equipment. Customer shall not repair or service Subscription Equipment, or allow others to do so, without the prior written consent of GE Healthcare.

7.4 Support Services. Unless otherwise noted in the Quotation, GE Healthcare will provide support Services as described in the Subscription Products and ViewPoint Software Maintenance Terms and Conditions.

7.5 Upgrades. Included in the Subscription fees if Customer does not owe any undisputed payments, GE Healthcare will provide upgrades if and when they become available and to the extent they are provided to all GE Healthcare customers with a Subscription for the Products, at mutually agreed upon delivery and installation dates. Upgrades do not include: (i) any optional or separately licensable features; (ii) any Products not covered by the Subscription; or (iii) any virtual environment required to host an upgraded Product. GE Healthcare shall have no obligation to provide upgrades if Products are not maintained within the current major release version or the immediately prior major release version.

7.6 Access Controls. Customer must: (i) ensure users maintain individually-assigned confidential user credentials and control mechanisms to access the Subscription; and (ii) take reasonable steps to prevent unauthorized access to Products.

7.7 Post-Termination. Upon termination or expiration of the Subscription: (i) Customer must immediately discontinue use of the Products and return Subscription Equipment to GE Healthcare in proper operating condition; (ii) Customer must destroy its copies of Software and Documentation; (iii) Customer must remove its data from Subscription Equipment; (iv) GE Healthcare is not responsible for and may destroy Customer-provided information, images or data; and (v) GE Healthcare will remove Customer's access.

7.8 Professional Services. For Services not covered under this Agreement or required due to Customer not meeting its responsibilities under the Agreement, applicable additional professional Services and fees will be required: (i) identified in the Quotation; and (ii) subject to GE Healthcare's then-current pricing.

**8. General Terms.**

8.1. Confidentiality. Each party will treat this Agreement and the other party's proprietary information as confidential, meaning it will not use or disclose the information to third parties unless permitted in this Agreement or required by law. Customers are not prohibited from discussing patient safety issues in appropriate venues.

8.2. Governing Law. The law of the state where the Product is installed, Service is provided, or Subscription is accessed will govern this Agreement.

8.3. Force Majeure. Performance time for non-monetary obligations will be reasonably extended for delays beyond a party's control.

8.4. Assignment; Use of Subcontractors. Neither party may assign this Agreement or any rights, interests or obligations provided by this Agreement without the prior written consent of the other party; provided, however, that either party may assign this Agreement and any or all rights and obligations under this Agreement to any of its affiliates upon prior written notice to the other party; provided, further, that no such assignment shall release either party from any liability under this Agreement. Notwithstanding anything to the contrary in this Agreement, GE Healthcare may assign this Agreement and all of its rights, interests and obligations under this Agreement to a GE Healthcare Subsidiary (as defined below), subject to the GE Healthcare Subsidiary agreeing to be bound by all of the terms and conditions of this Agreement and assuming all of the rights, interests and obligations of GE Healthcare under this Agreement. Immediately upon such assignment and assumption, automatically and without the requirement of any further action by any person or entity, (i) all references in this Agreement to GE Healthcare shall instead apply to GE Healthcare Subsidiary unless the context otherwise requires and (ii) GE Healthcare shall be unconditionally and irrevocably released and discharged from any and all liabilities and obligations under or in connection with this Agreement. ""GE Healthcare Subsidiary" means a majority owned direct or indirect subsidiary of GE Healthcare Parent. "GE Healthcare Parent" means an entity that (A) has at the time of such assignment and assumption (or concurrently therewith) an investment-grade unsecured corporate credit rating issued by each of Standard & Poor's Ratings Services, a Standard & Poor's Financial Services LLC business (or any successor thereto), and Moody's Investors Service, Inc. (or any successor thereto), and (B) has succeeded to ownership, directly or indirectly, of substantially all of the assets formerly owned by the GE Healthcare business of the General Electric group of companies. Notwithstanding anything to the contrary in this Agreement, in the event of any change of direct or indirect ownership of GE Healthcare in connection with the previously-announced separation of the General Electric group of companies, regardless of the form such separation takes, the other party hereby acknowledges and consents to the change of ownership of GE Healthcare as part of such separation. GE Healthcare may hire subcontractors to perform work under this Agreement but will remain responsible for its obligations.

8.5. Waiver; Survival. If any provision of this Agreement is not enforced, it is not a waiver of that provision or of a party's right to later enforce it. Terms in this Agreement related to intellectual property, compliance, data rights and terms that by their nature are intended to survive will survive the Agreement's expiration or termination.

8.6. Intellectual Property. GE Healthcare owns all rights to the intellectual property in GE Healthcare's Products, Services, Documentation, Specifications, and statements of work related to a Quotation or otherwise. Customer may provide GE Healthcare with feedback related to Products, Services, and related Documentation, and GE Healthcare may use it in an unrestricted manner.

**9. Compliance.**

9.1. Generally. Each party will comply with applicable laws and regulations. Customer is only purchasing or licensing Products for its own medical, billing and/or non-entertainment use in the United States, or for the purposes of renting or leasing the Products for medical, billing and/or non-entertainment purposes through a mobile system or modular building where Customer maintains title to the Products GE Healthcare will not deliver, install, service or train if it discovers Products have been or are intended to be used contrary to this Agreement. This Agreement is subject to GE Healthcare's ongoing credit review and approval. Customer is aware of its legal obligations for cost reporting, including 42 C.F.R. § 1001.952(g) and (h), and will request from GE Healthcare any information beyond the invoice needed to fulfill Customer's cost reporting obligations. GE Healthcare will provide safety-related updates for Equipment and Software required by applicable laws and regulations at no additional charge.

9.2. Security. GE Healthcare is not responsible for: (i) Customer's passwords or password management (ii) securing Customer's network; (iii) preventing unauthorized access to Customer's network or the Product; (iv) backup management; (v) data integrity; (vi) recovery of lost, corrupted or damaged data, images, software or equipment; (vii) third party operating systems, unless specifically provided in the Quotation; or (viii) providing or validating antivirus or related IT safeguards unless sold to Customer by GE Healthcare. NEITHER PARTY WILL BE LIABLE TO THE OTHER PARTY FOR DAMAGES CAUSED BY UNAUTHORIZED ACCESS TO THE NETWORK OR PRODUCTS REGARDLESS OF A PARTY'S COMPLIANT SECURITY MEASURES.

9.3. Environmental Health and Safety ("EHS"). GE Healthcare personnel may stop work without penalty due to safety concerns. Customer must: (i) comply with GE Healthcare's EHS requirements; (ii) provide a safe environment for GE Healthcare personnel; (iii) tell GE Healthcare about chemicals or hazardous materials that might come in contact with Products or GE Healthcare personnel; (iv) perform decommissioning or disposal at Customer facilities; (v) obtain and maintain necessary permits; (vi) thoroughly clean Products before Service; (vii) provide radioactive materials required for testing Products; and (viii) dispose of waste related to Products and installations.

9.4. Parts and Tubes. GE Healthcare: (i) recommends the use of parts it has validated for use with the Product; (ii) is not responsible for the quality of parts supplied by third parties to Customer; and (iii) cannot assure Product functionality or performance when non-validated parts are used. Certain Products are designed to recognize GE Healthcare-supplied tubes and report the presence of a non-GE Healthcare tube; GE Healthcare is not responsible for the use of, or effects from, non-GE Healthcare supplied tubes.

9.5. Training. GE Healthcare's training does not guarantee that: (i) Customer trainees are fully trained on Product use, maintenance or operation; or (ii) training will satisfy any licensure or accreditation. Customer must ensure its trainees are fully qualified in the use and operation of the Product. Unless otherwise identified in the training catalog, Customer will complete training within 12 months of: (a) the date of Product delivery for a Product purchase; (b) the respective start date for Services or Subscription for purchase of Service or Subscription; or (c) the date training is ordered for training-only purchases. If not completed within this time period, other than because of GE Healthcare's fault, training expires without refund. Training will be invoiced and payment due pursuant to the billing terms listed in the equipment Quotation. Recording of GE Healthcare training sessions is prohibited.

9.6. Medical Diagnosis and Treatment. All clinical and medical treatment, diagnostic and/or billing decisions are Customer's responsibility.

9.7. Connectivity. If a Product has remote access capability: (i) Customer will provide GE Healthcare with, and maintain, a GE Healthcare-validated remote access connection to service the Product; or (ii) GE Healthcare reserves the right to charge Customer for onsite support at GE Healthcare's then-current billing rate. This remote access and collection of machine data (e.g., temperature, helium level) will continue after the end of this Agreement unless Customer requests in writing that GE Healthcare disable it.

9.8. Use of Data.

9.8.1. Protected Health Information. If GE Healthcare creates, receives, maintains, transmits or otherwise has access to Protected Health Information (as defined in 45 C.F.R. § 160.103) ("PHI"), GE Healthcare may use and disclose the PHI only as permitted by law and by the Business Associate Agreement. Before returning any Product to GE Healthcare, Customer must ensure that all PHI stored in it is deleted.

9.8.2. Data Rights. GE Healthcare may collect, prepare derivatives from and otherwise use non-PHI data related to Products and/or Services for such things as training, demonstration, research, development, benchmarking, continuous improvement and facilitating the provision of its products, software and services. GE Healthcare will own all intellectual property and other rights that could result from this collection, preparation and use. The non-PHI data will not be used to identify Customer or sold by GE Healthcare without Customer's consent.

9.9. Customer Policies. GE Healthcare will use reasonable efforts to respect Customer-provided policies that apply to GE Healthcare and do not materially contradict GE Healthcare policies. Failure to respect Customer policies is not a material breach unless it is willful and adversely affects GE Healthcare's ability to perform its obligations.

9.10. Insurance. GE Healthcare will maintain coverage in accordance with its standard certificate of insurance.

9.11. Excluded Provider. To its knowledge, neither GE Healthcare nor its employees performing Services under this Agreement have been excluded from participation in a Federal Healthcare Program. If an employee performing Services under this Agreement is excluded, GE Healthcare will replace that employee within a reasonable time; if GE Healthcare is excluded, Customer may terminate this Agreement upon written notice to GE Healthcare.

**10. Disputes and Arbitration**

10.1. Binding Arbitration. Other than collection matters and actions seeking injunctive relief to prevent or cease a violation of intellectual property rights related to Products or Services, the parties agree to submit all disputes arising under or relating to this Agreement to the American Arbitration Association ("AAA") office closest to the largest metropolitan area of the location where the Product is installed or the Service is provided for binding arbitration conducted in accordance with AAA's then-current Commercial Arbitration Rules. Costs, including arbitrator fees and expenses, will be shared equally, and each party will bear its own attorneys' fees. The arbitrator will have authority to award damages only to the extent available under this Agreement. Nothing in this Section shall allow either party to arbitrate claims of any third-party not a party to this Agreement. The parties further agree to keep confidential: (i) the fact that any arbitration occurred, (ii) the results of any arbitration, (iii) all materials used, or created for use, in the arbitration, and (iv) all other documents produced by another party in the arbitration and not otherwise in the public domain.

**11. Liability and Indemnity.**

11.1. Limitation of Liability. GE HEALTHCARE'S LIABILITY FOR DIRECT DAMAGES TO CUSTOMER UNDER THIS AGREEMENT WILL NOT EXCEED: (I) FOR PRODUCTS, THE PRICE FOR THE PRODUCT THAT IS THE BASIS FOR THE CLAIM; OR (II) FOR SERVICE OR SUBSCRIPTIONS, THE AMOUNT OF SERVICE OR SUBSCRIPTION FEES FOR THE 12 MONTHS PRECEDING THE ACTION THAT IS THE BASIS FOR THE CLAIM. THIS LIMITATION WILL NOT APPLY TO GE HEALTHCARE'S DUTIES TO INDEMNIFY CUSTOMER UNDER THIS AGREEMENT.

11.2. Exclusion of Damages. NEITHER PARTY WILL HAVE ANY OBLIGATION FOR: (I) CONSEQUENTIAL, PUNITIVE, INCIDENTAL, INDIRECT OR REPUTATIONAL DAMAGES; (II) PROFIT, DATA OR REVENUE LOSS; OR (III) CAPITAL, REPLACEMENT OR INCREASED OPERATING COSTS.

11.3. IP Indemnification. GE Healthcare will indemnify, defend and hold Customer harmless from third-party claims for infringement of United States intellectual property rights arising from Customer's use of the Equipment or Software in accordance with the Specifications, Documentation and license.

11.4. General Indemnification.

11.4.1. GE Healthcare will indemnify, defend and hold Customer harmless for losses which Customer becomes legally obligated to pay arising from third party claims brought against Customer for bodily injury or damage to real or tangible personal property to the extent the damage was caused by GE Healthcare's: (i) design or manufacturing defect; (ii) negligent failure to warn, negligent installation or negligent Services; or (iii) material breach of this Agreement.

11.4.2. Customer will indemnify, defend and hold GE Healthcare harmless for losses which GE Healthcare becomes legally obligated to pay arising from third party claims brought against GE Healthcare for bodily injury or damage to real or tangible personal property to the extent the damage was caused by Customer's: (i) medical diagnosis or treatment decisions; (ii) misuse or negligent use of the Product; (iii) improper storage of the Product (iv) modification of the Product; or (v) material breach of this Agreement.

11.5. Indemnification Procedure. For all indemnities under this Agreement: (i) the indemnified party must give the other party written notice before claiming indemnification; (ii) the indemnifying party will control the defense; (iii) the indemnified party may retain counsel at its own expense; and (iv) the indemnifying party is not responsible for any settlement without its written consent.

**12. Payment and Finance.**

12.1. Late Payment. Customer must raise payment disputes before the payment due date. For any undisputed late payment, GE Healthcare may: (i) suspend performance under this Agreement until all past due amounts are paid; (ii) charge interest at a rate no more than the maximum rate permitted by applicable law; and (iii) use unapplied funds due to Customer to offset any of Customer's outstanding balance. If GE Healthcare suspends performance, any downtime will not be included in the calculation of any uptime commitment. If Customer fails to pay when due: (a) GE Healthcare may revoke its credit and designate Customer to be on credit hold; and (b) all subsequent shipments and Services must be paid in full on receipt.

12.2. Taxes. Prices do not include applicable taxes, which are Customer's responsibility.

12.3. Customer Payment Obligation. If installation or acceptance is delayed more than 90 days because of any reason for which Customer or its subcontractor is responsible, GE Healthcare will provide written notice and bill the remaining balance due on the order, and Customer must pay according to the payment terms listed on the Quotation.

13. **Notices.** Notices will be in writing and considered delivered when received if sent by certified mail, postage prepaid, return receipt requested, by overnight mail, or by fax. Notice to Customer will be directed to the address on this Agreement, and notice to GE Healthcare to General Counsel, 9900 W Innovation Dr., Wauwatosa, WI 53226.

14. **Imaging Equipment Uptime Commitment**. GE Healthcare will provide an uptime commitment during warranty for CT, MR, nuclear imaging, and x-ray Equipment, excluding peripherals ("Eligible Equipment") if Customer provides GE Healthcare with: (i) access to Eligible Equipment through a secure connection meeting Specifications and industry best practices; (ii) notice of changes that impact Customer's connection; and (iii) prompt and unencumbered access to Eligible Equipment. The "Uptime Commitment" for nuclear imaging and x-ray Eligible Equipment is 95%, except digital mammography, digital radiographic and vascular x-ray systems and all other Eligible Equipment is 97%. Other Products may be eligible for an uptime commitment if identified in the Quotation.

If GE Healthcare fails to meet the Uptime Commitment over a 26-week period, it will extend the warranty as follows:

| % Less than Uptime Commitment | Warranty Extension |
|---|---|
| 0.1 - 3.0 | 1 week |
| 3.1 - 8.0 | 2 weeks |
| 8.1 - 13.0 | 4 weeks |
| > 13.0 | 6 weeks |

Uptime is calculated as follows:

$$\left(\frac{UptimeBase - Downtime}{UptimeBase}\right)$$

"Uptime Base" = ("a" hours per day X "b" days per week X 26 weeks) – (Planned Maintenance ("PM") hours during prior 26 weeks), where "a" hours per day and "b" days per week are determined by the standard warranty for Eligible Equipment. "Downtime" is the number of hours during which Eligible Equipment is subject to a Critical Malfunction. Downtime starts when Customer notifies GE Healthcare that Eligible Equipment is inoperable and unavailable for use due to GE Healthcare's design, manufacturing, material or performance failure ("Critical Malfunction"). Downtime ends when Eligible Equipment is available for clinical use. To be eligible for the Uptime Commitment, Customer must maintain a performance log that includes data required to calculate Downtime.

15. **DoseWatch Device License.** Each connection of a Device (defined below) to the DoseWatch Software requires Customer to purchase a unique Device license referencing a Device ID that allows concurrent use of the DoseWatch Software with that Device at a specified Customer facility on Customer's secured network. All other terms, duration and warranties applicable to the Software license apply to the Device license. "Device" is specific Customer equipment approved by GE Healthcare to be connected to DoseWatch Software under this Agreement. Additional Device connections may be added to this Agreement, subject to individual Device licenses, and related installation, implementation, configuration and optimization services at GE Healthcare's then-current rates.

16. **Subscription Products and ViewPoint Software Maintenance Terms and Conditions.**

16.1. Overview. GE Healthcare will, in accordance with the terms and conditions of this section, maintain, support and update: (i) Products provided via Subscription (excluding Healthcare Digital Products); and (ii) ViewPoint Software licensed by Customer ("ViewPoint Software") and HIS interface software installed in the United States covered by a Software Maintenance Agreement ("SMA").

16.2. Scope.

16.2.1. Software Support and Maintenance. GE Healthcare will use reasonable efforts to provide Error Correction (defined below) for verifiable and reproducible Errors (defined below) within a reasonable time after: (a) Customer reports the Error to GE Healthcare; or (b) detection by GE Healthcare. Updates (defined below), if released, will be provided at no additional cost as a part of this maintenance commitment. New functionality must be purchased separately, unless otherwise agreed.

16.2.2. Equipment Maintenance. Preventative maintenance service may be required periodically during normal business hours of 8:00 a.m. to 5:00 p.m. (local time) on mutually agreed dates. Customer will make the Equipment available for preventative maintenance upon GE Healthcare request. Additional services to be performed, including specific additional terms thereof, shall be specified in the Quotation or alternate schedules.

16.2.3. Definitions. "Error" means any Software-related problem that: (i) materially interferes with Customer's use of the Software; and (ii) results from a failure of the Software to materially conform to the Documentation. "Error Correction" means: (a) modification of the Software that corrects an Error by bringing the Software into material conformity with the Documentation; or (b) a procedure that avoids the material adverse effect of the nonconformity. "Update" means a change that provides Error Corrections and/or enhances functionality of the Software version licensed by Customer. An Update does not involve major changes or provide significant, new functionality or applications, or changes to the software architecture or file structure. Updates retain the same license as the original Software.

16.2.4. Hotline Support. GE Healthcare will provide phone and email support during standard business hours, excluding GE Healthcare holidays, for problem solving, Error resolution and general help.

16.2.5. Remote Access Support. GE Healthcare may access Software remotely via Customer's network and GE Healthcare-supplied secure tunnelling software to monitor Software parameters to help prevent and detect Errors. Customer will reasonably cooperate with GE Healthcare to establish remote connections. Certain modules require remote access in order to obtain support.

16.2.6. Warranty. GE Healthcare warrants that its Services will be performed by trained individuals in a professional, workman-like manner. GE Healthcare will re-perform non-conforming Services as long as Customer provides prompt written notice to GE Healthcare. NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL APPLY. SERVICE MANUALS AND DOCUMENTATION ARE PROVIDED "AS IS". GE HEALTHCARE DOES NOT GUARANTEE PRODUCTS WILL OPERATE WITHOUT ERROR OR INTERRUPTION.

16.2.7. Exclusions. GE Healthcare has no obligation to Customer for: (i) use of Products in combination with software, hardware, or services not recommended in writing by GE Healthcare; (ii) use in a manner or environment for which GE Healthcare did not design or license the Products, or in violation of GE Healthcare's recommendations or instructions; (iii) interface configuration (often referred to as HIS, PACS or EMR interfaces necessary due to changing vendors or versions); (iv) reorganization of Customer data; (v) consulting or software engineering and programming; (vi) support of Products outside the scope of the foregoing maintenance commitments; (vii) failure to use or install, or permit GE Healthcare to use or install, Error Corrections or Updates; (viii) failure to maintain Products within the current major release version or the immediately prior major release version; (ix) defects in products or services not made and provided by GE Healthcare; (x) any cause external to the Products or beyond GE Healthcare's control; (xi) failure of Customer's network; (xii) replacement of disposable or consumable items; (xiii) additional equipment or upgrades in connection with Products; and (xiv) migration of Software to different hardware or operating systems.

16.2.8. Software Maintenance Agreement Term. The following applies to ViewPoint software and HIS interface software only: The SMA term and start date is identified in the Quotation and its related Schedule A. Either party may terminate the SMA without cause after the first anniversary by providing at least 90 days' prior written notice to the other party. SMA payments are due within 30 days after receipt of GE Healthcare's invoice.

**17**. **Magnetic Resonance ("MR") – Magnetic Maintenance and Cryogens**. Customer is responsible for: (i) cryogen loss due to power loss or water chiller failure for the MR's shield cooler or condenser system during installation; (ii) costs for cryogen replacement plus transfill labor at GE Healthcare's then-applicable rates; (iii) post-assembly supply and installation of cryogens, unless cryogen loss is caused by a defect in material or workmanship within the scope of GE Healthcare's warranty. MR magnetic fields attract ferro-magnetic articles and are capable of rapidly accelerating them toward the magnet, creating danger to persons in the vicinity and possible system damage. Magnetic and radio frequency fields may adversely affect the operation of pacemakers, equipment containing magnetic reed switches and aneurysm or surgical clips.

**1. Warranty.**

1.1. Equipment. For non-customized Equipment purchased from GE Healthcare or its authorized distributors, unless otherwise identified in the Quotation, GE Healthcare warrants that Equipment will be free from defects in title, and, for 1 year from Equipment Acceptance, it will: (i) be free from defects in material and workmanship under normal use and service; and (ii) perform substantially in accordance with the Specifications. The warranty covers parts and labor and only applies to end-users that purchase Equipment from GE Healthcare or its authorized distributors.

1.2. Software. For Software licensed from GE Healthcare, GE Healthcare warrants that: (i) it has the right to license or sublicense Software to Customer; (ii) it has not inserted Disabling Code into Software; (iii) it will use efforts consistent with industry standards to remove viruses from Software before delivery; and (iv) unless otherwise identified in the Quotation, for 90 days from Software Acceptance, Software will perform substantially in accordance with the Documentation. "Disabling Code" is code designed to interfere with the normal operation of Software, but code that prohibits use outside of the license scope is not Disabling Code.

1.3. Services. GE Healthcare warrants that its Service will be performed by trained individuals in a professional, workman-like manner.

1.4. Used Equipment. Certain Used Equipment is provided with GE Healthcare's standard warranty for the duration identified in the Quotation, but in no event more than 1 year. If no warranty is identified, the Used Equipment is provided "AS IS" and is not warranted by GE Healthcare.

1.5. Accessories and Supplies. Warranties for accessories and supplies are at www.gehealthcare.com/accessories.

1.6. Third Party Product. Third Party Product is covered by the third party's warranty and not GE Healthcare's warranties.

1.7. Subscription Products. Unless otherwise specified, Products provided via Subscription do not include a warranty.

1.8. SaaS Offerings. Unless otherwise specified, SaaS Offerings do not include a warranty.

2. **Remedies.** If Customer promptly notifies GE Healthcare of its claim during the warranty and makes the Product available, GE Healthcare will: (i) at its option, repair, adjust or replace the non-conforming Equipment or components; (ii) at its option, correct the non-conformity or replace the Software; and/or (iii) re-perform non-conforming Service. Warranty service will be performed from 8am to 5pm local time, Monday-Friday, excluding GE Healthcare holidays, and outside those hours at GE Healthcare's then-current service rates and subject to personnel availability. GE Healthcare may require warranty repairs to be performed via a secure, remote connection or at an authorized service center. If GE Healthcare replaces Equipment or a component, the original becomes GE Healthcare property and Customer will return the original to GE Healthcare within 5 days after the replacement is provided to Customer. Customer cannot stockpile replacement parts. Prior to returning Equipment to GE Healthcare, Customer will: (a) obtain a return to manufacturer authorization; and (b) back up and remove all information stored on the Equipment (stored data may be removed during repair). Customer is responsible for damage during shipment to GE Healthcare. The warranty for a Product or component provided to correct a warranty failure is the unexpired term of the warranty for the repaired or replaced Product.

GE Healthcare may provide a loaner unit during extended periods of Product service. If a loaner unit is provided: (i) it is for Customer's temporary use at the location identified in the Quotation; (ii) it will be returned to GE Healthcare within 5 days after the Product is returned to Customer, and if it is not, GE Healthcare may repossess it or invoice Customer for its full list price; (iii) it, and all programs and information pertaining to it, remain GE Healthcare property; (iv) risk of loss is with Customer during its possession; (v) Customer will maintain and return it in proper condition, normal wear and tear excepted, in accordance with GE Healthcare's instructions; (vi) it will not be repaired except by GE Healthcare; (vii) GE Healthcare will be given reasonable access to it; (viii) Customer is not paying for its use, and Customer will ensure charges or claims submitted to a government healthcare program or patient are submitted accordingly; and (ix) prior to returning it to GE Healthcare, Customer will delete all information, including PHI, from it and its accessories, in compliance with industry standards and instructions provided by GE Healthcare.

NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL APPLY. SERVICE MANUALS AND DOCUMENTATION ARE PROVIDED "AS IS". GE HEALTHCARE DOES NOT GUARANTEE PRODUCTS WILL OPERATE WITHOUT ERROR OR INTERRUPTION.

3. **Limitations.** GE Healthcare has no obligation to Customer for warranty claims if Customer uses the Product: (a) for non-medical or entertainment use or outside the United States; (b) in combination with software, hardware, or services not recommended in writing by GE Healthcare; and(c) in a manner or environment for which GE Healthcare did not design or license it, or in violation of GE Healthcare's recommendations or instructions. GE Healthcare has no obligation to Customer for warranty claims for damages or deficiencies outside GE Healthcare's reasonable control.

In addition, these warranties do not cover: (i) defects or deficiencies from improper storage or handling, maintenance or use that does not conform to Specifications and/or Documentation, inadequate backup or virus protection, cyber-attacks, failure to maintain power quality, grounding, temperature, and humidity within Specifications and/or Documentation, or other misuse or abuse; (ii) repairs due to power anomalies or any cause external to the Products or beyond GE Healthcare's control; (iii) payment or reimbursement of facility costs arising from repair or replacement of the Products or parts; (iv) planned maintenance (unless applicable to Equipment), adjustment, alignment, or calibration; (v) network and antenna installations not performed by GE Healthcare or its subcontractors; (vi) lost or stolen Products; (vii) Products with serial numbers altered, defaced or removed; (viii) modification of Product not approved in writing by GE Healthcare (ix) Products immersed in liquid; (x) for Mobile Equipment, defects or deficiencies from mobile use outside of normal transportation wear and tear (excluding OEC regarding transportation wear and tear) and (xi) replacement of disposable or consumable items.

**4. Exceptions to Standard Warranty.**

**Partial System Equipment Upgrades for CT, MR, X-Ray, IGS, PET (Scanners, Cyclotrons and Chemistry Labs) and Nuclear systems:** 6 months (only applies to the upgraded components unless the parties otherwise agree to modify the coverage of the upgraded and existing components in an existing service agreement. Optima XR240amx partial upgrades are warranted for 1 year on the wireless detector.

**Cyclotron and Radiopharmacy:** Warranty starts on the earlier of (i) 3 months after the date GE Healthcare completes mechanical installation, or

(ii) the date Product testing is successfully completed

**MR Systems:** Warranty does not cover: (i) a defect or deficiency from failure of water chillers supplied or serviced by Customer, and (ii) for MR systems with LHe/LN or shield cooler configured superconducting magnets (except for MR Systems with LCC magnets), any cryogen supply, cryogenic service or service to the magnet, cryostat, coldhead, shield cooler compressor or shim coils unless the need for supply or service is caused by a defect in material or workmanship covered by this warranty.

**Proteus XR/a, Definium and Precision 500D X-Ray Systems:** Warranty does not cover collimator bulbs

**Performix 160A (MX160) Tubes:** 3 years

**X-Ray High Voltage Rectifiers and TV Camera Pick-Up Tubes:** 6 months

**X-Ray Wireless Digital Detectors:** In addition to the standard warranty, GE Healthcare will provide coverage for detector damage due to accidental dropping or mishandling. If accidental damage occurs, GE Healthcare will provide Customer with 1 replacement detector during warranty at no additional charge. If subsequent accidental damage occurs during warranty, each additional replacement will be provided for $30,000 per replacement. This additional coverage excludes damage caused by any use that does not conform to original equipment manufacturer ("OEM") guidelines, use that causes fluid invasion, holes, deep scratches or the detector case to crack, and damage caused by abuse, theft, loss, fire, power failures or surges. If the warranty is voided by these conditions, repair or replacement is Customer's responsibility.

**Bone Mineral Densitometry:** Alpha Source, Inc. will perform installation, application support and warranty services. Direct warranty claims to Alpha Source, Inc. at 1-800-654-9845. Upgraded computer, printer and monitor components include a 1 month warranty. Customer will not be credited the value of this warranty against pre-existing warranties or service agreements.

**OEC New or Exchange Service Parts:** 120 days

**OEC Tubes and Image Intensifiers:** 1 year

**HealthNet Lan, Advantage Review — Remote Products:** 3 months

**LOGIQ e, Venue 50, Venue Go, Versana Active and related transducers purchased with them:** 5 years

**LOGIQ V1, LOGIQ V2, Vivid iq, Vscan and Vscan Extend and related transducers purchased with them:** 3 years

Except the following have a 1 year warranty:

Transducers: TEE Probes,

Carts: Venue 50 Docking Cart, Venue Go Cart, Venue Go mounting cradle, LOGIQ e Isolation Cart, LOGIQ e Docking Cart, LOGIQ V1/V2 Cart and Vivid IQ cart

Other Accessories: Batteries (internal & external), and printers and peripherals, TEE cleaning & storage system, ICECord Connector and printers

Warranty covers defective parts and components and includes: (i) repair at GE Healthcare facilities, (ii) a loaner unit or probe replacement shipped for next business day delivery for requests received by 3pm Central Time, (iii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide field support/service, planned maintenance, and/or coverage for damage due to accidental dropping or mishandling.

**LOGIQ P9 R2.5 and newer and, Versana Premier, Versana Balance, Venue and related transducers purchased with them:** 5 years

**Voluson P8 BT18 and newer, Voluson SWIFT, Voluson S8 Touch and Voluson S10 Expert, LOGIQ F8 2016 and newer, LOGIQ V5, Vivid T8 and Vivid T9 and related transducers purchased with them:** 3 years

Except the following have a 1 year warranty:

Other Accessories: Batteries (internal & external) and printers and peripherals, TEE cleaning & storage system

Transducers: TEE Probes

Warranty Includes: (i) repair at Product location by a qualified service technician Monday-Friday 8am to 5pm local time, excluding GE Healthcare holidays, and (ii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide planned maintenance and/or coverage for damage due to accidental dropping or mishandling.

**Ultrasound Partial System Equipment Upgrades:** 3 months (only applies to the upgraded components). Customer will not be credited the value of the warranty against pre-existing warranties or service agreements.

**Veterinary Use:** Notwithstanding anything herein, any Product validated and sold by GE Healthcare for specific use in the veterinary market shall have a one (1) year warranty.

**Batteries:** 3 months, except for x-ray nickel cadmium or lead acid batteries and ultrasound batteries, which are warranted for 1 year

**CARESCAPE Monitors B450, B650 and B850** 3 years parts, 1 year labor (excluding displays, which are standard 1 year parts and labor)

CARESCAPE ONE : 3 year parts, 1 year labor (excluding displays, which are standard 1 year parts and labor)

Micromodules: 3 year parts, 1 year labor (i) repair services performed at GE Healthcare Repair Operations Center

**B40 Monitors:** 2 years parts, 1 year labor (excluding displays, which are standard)

**B105 B125, and B155 Patient Monitors:** 3 years with: (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays; and (iii) a loaner Product (subject to availability; shipping charges included).

**Novii Wireless Patch System- Interface and Pods:** 1 year starting 40 days after shipment with: (i) exchange services performed at GE Healthcare Repair Operations Center; and (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays. Customer may elect to purchase coverage for Pod damage due to accidental dropping or mishandling. This coverage excludes patches and cables, which are considered Product accessories, and are warranted pursuant to Section 1.5 above.

**MAC 5, MAC 7, MAC 2000 and MAC 3500:** 3 years (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays

**CARESCAPE V100 and VC150 Vital Signs Monitors:** 2 years

**SEER 1000:** 2 years (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays

**Exergen:** 4 years

**Microenvironment and Phototherapy consumable components:** 1 month

**Corometrics® Fetal Monitoring:** Warranty includes: (i) warranty starting on the earlier of (a) if GE Healthcare or Customer installs, 5 days after installation or (b) 40 days after shipment; and (ii) 2 years parts, 1 year labor
**Corometrics® Nautilus Transducers:** 2 years
**Lullaby Phototherapy System:** 3 years on lamp assembly
**Blood pressure cuffs and related adaptors and air hoses:** 1 month
**Anesthesia Monitor Mounting Solutions:** If purchased directly from GE Healthcare, it will be warranted as a GE Healthcare Product
**Tec 850 Vaporizers:** 3 years
**Tec 6 Plus Vaporizers:** 2 years
**CARESCAPE Gateway:** 1 year
**CARESCAPE Bridge:** 1 year
**Vscan Air and Vscan Air Vet Warranty**: 3 years with the exception of the battery and peripherals which are covered for 1 year. Warranty covers defective parts and components and includes: (i) a replacement unit, and (ii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide additional battery and/or coverage for damage due to accidental dropping or mishandling

# Appendix D

# Equipment Brochure

TOMORROW TODAY

# SIGNA™ Artist

## AIR™ Edition

gehealthcare.com/mr

# A masterful balance of comfort and productivity

Designed with both patients and providers in mind, the SIGNA™ Artist AIR™ Edition, GE Healthcare's premium 1.5T MR system, leverages intelligent scanning technology to enable comfortable, patient-friendly exams with optimal image quality in less time. The SIGNA™ Artist provides feet-first imaging and 360 degrees of coil coverage to accommodate all types of scans and patient sizes, helping to reduce patients' table time by 37%. From plan to scan, your practice will appreciate the system's versatility – delivering consistent image quality, while improving exam setup productivity by 59%.

# AIR™

## A simply better MR experience

The AIR™ family of products delivers clinical versatility, intelligent productivity improvements and consistently superior image quality.

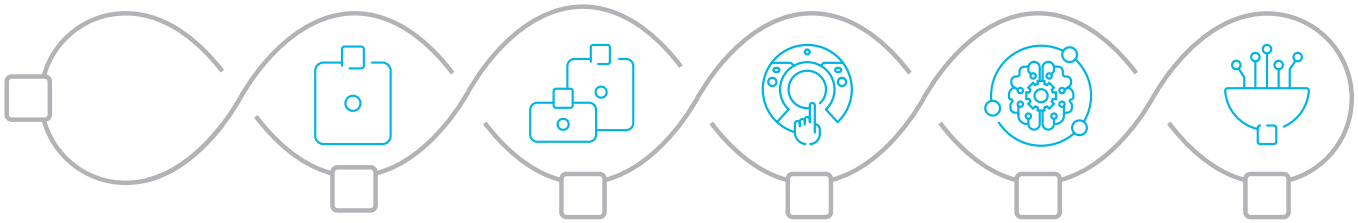
## AIR™ Coils

### Clinical versatility and comfort

Awarded Best New Radiology Device of 2019, AIR™ Coils are the foundation of a simply better MR experience. The engineering breakthrough at the heart of our AIR™ Coils allowed us to create a revolutionary coil design that is lighter, offers more flexibility and provides greater coverage, laying the groundwork for greater positioning freedom and a comfortable patient experience.

- **AIR™ Anterior Array Coil** – Scan the chest, abdomen and pelvis without repositioning the coil.
- **AIR™ Multi-Purpose Coils*** – Easy ortho, body and cardiac scans with medium and large sizes.

** Not yet CE marked. Not available for sale in all regions.*

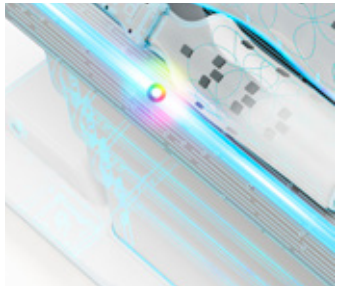


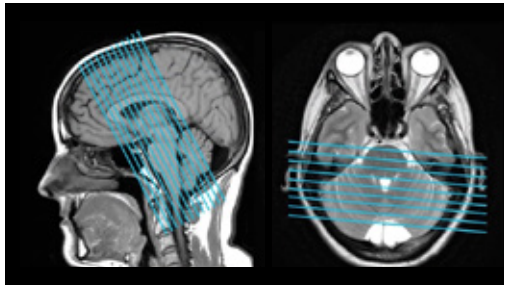

# AIR™ Workflow

## Intelligent productivity improvements

Enhance your MR productivity with intelligent workflow applications developed to optimize your scans. AIR™ Workflow helps you accelerate scan times, increase diagnostic confidence across skill levels and consistently deliver accurate results. Automated applications, AIR Touch™ and AIR x™, make a clinically impactful difference for a simply better workflow.

- **AIR Touch™** – Smart coil selection that automatically knows the best combination for every patient. With AIR Touch™, you simply use IntelliTouch™, GE's 1-touch landmarking tool, to activate an optimized set of coils that is selected based on the patient's anatomy.
- **AIR x™** – Intelligent MR slice prescription for routine and challenging neurological exams. Powered by a deep-learning algorithm created from a database of 36,000 images, AIR x™ automatically detects anatomy and prescribes slices in the brain.



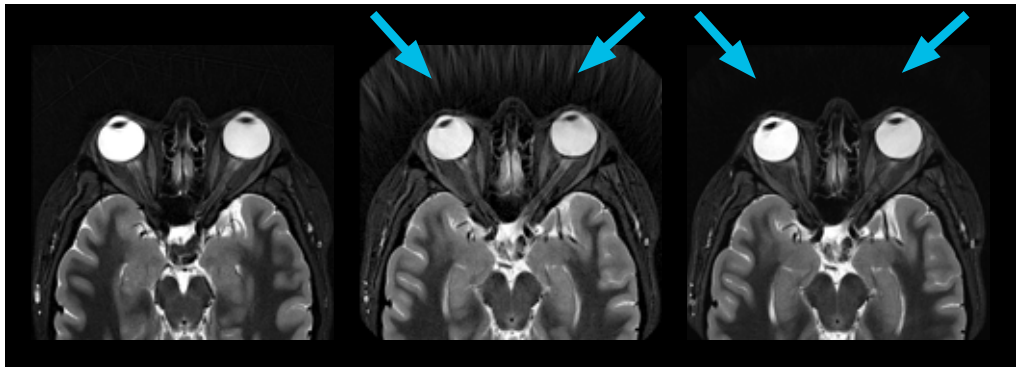


# AIR™ Image Quality

## Consistently superior image quality

AIR™ Image Quality completes the AIR™ family of products with image reconstruction software that reduces background noise and out-of-FOV artifacts. It helps improve signal-to-noise in every image without having to overcompensate in your scanning protocol.

- **AIR™ Recon** – Makes exceptional and consistent image quality in faster scan times the new standard for MR imaging.



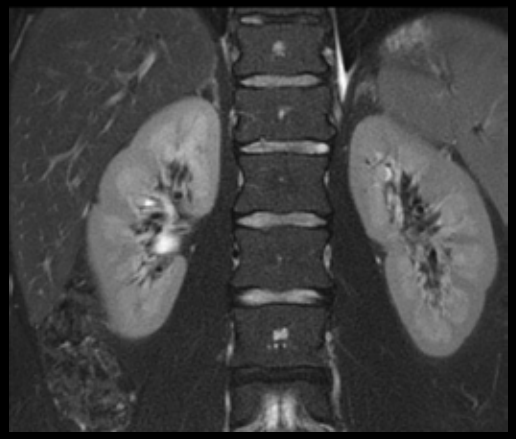
**Before**
Axial T2 STIR PROPELLER
0.5 x 0.5 x 2.5 mm
**4:33 min**
1.7 No Phase Wrap

**Before**
Axial T2 STIR PROPELLER
0.5 x 0.5 x 2.5 mm
**3:33 min**
1.3 No Phase Wrap

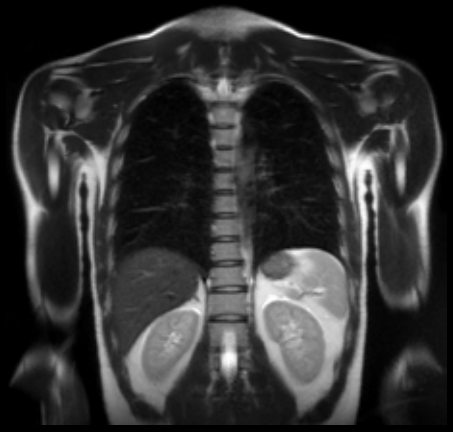
**Using SIGNA™Works AIR™ Edition**
Axial T2 STIR PROPELLER
0.5 x 0.5 x 2.5 mm
**3:33 min**
1.3 No Phase Wrap with AIR™ Recon

# AIR™ Anterior Array Coil

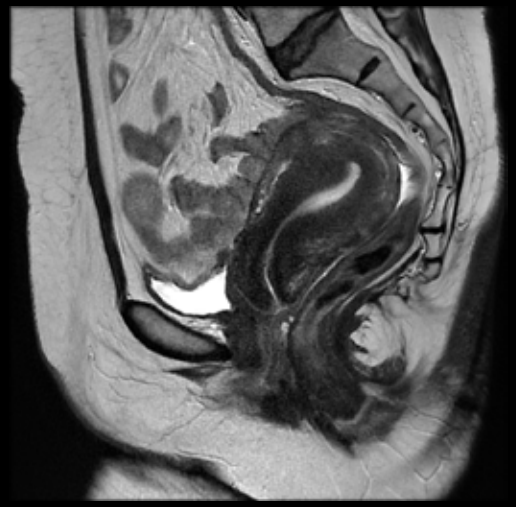
Industry-leading flexibility allows you to scan the chest, abdomen and pelvis without repositioning the coil.



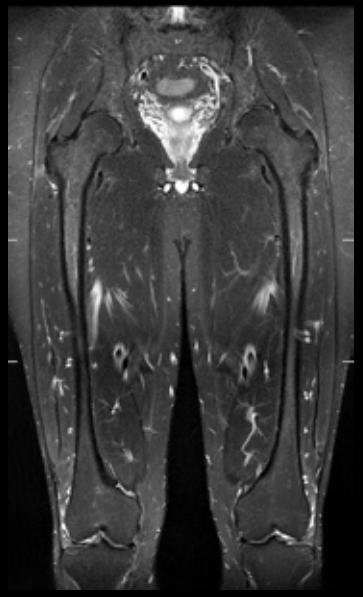
Coronal T2 PROPELLER FatSat
Free-breathing with Auto Navigator
0.8 x 0.8 x 4.0 mm



Coronal, 55 cm FOV, 24 sec.
21ch Head/Neck Unit + 30ch AIR™ Anterior Array Coil + 40ch Posterior Array



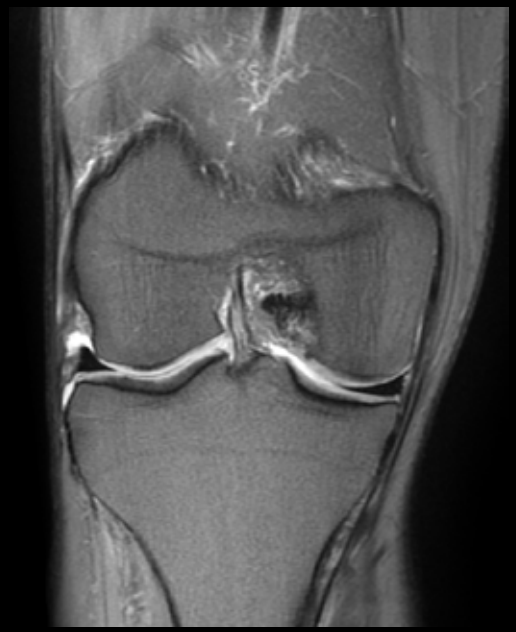
Sagittal T2 PROPELLER
0.7 x 0.7 x 3.5 mm



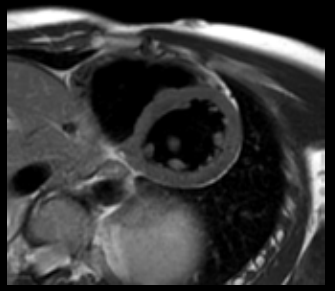
Coronal STIR
56 cm FOV
2 stations

# AIR™ Multi-Purpose Coils*

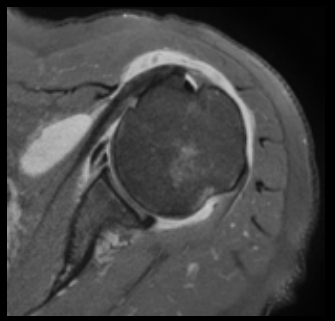
Easily perform ortho, body and cardiac scans with medium and large sizes.



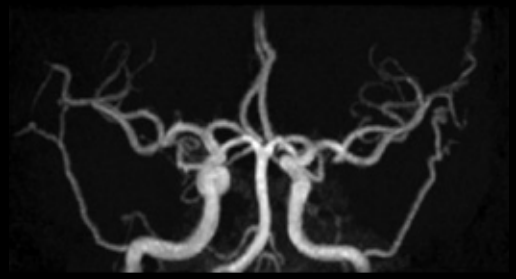
Coronal PD FatSat
0.4 x 0.6 x 3 mm



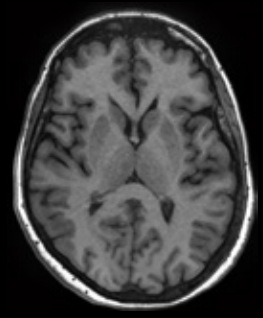
Short Axis T2 Double IR
1.2 x 1.4 x 10 mm



Axial PD FatSat
0.4 x 0.6 x 3 mm



Axial 3D TOF with HyperSense
0.56 x 0.56 x 1 mm
2:47 min.



Axial 3D T1 BRAVO
1 x 1 x 1.2 mm
3:19 min.

** Not yet CE marked. Not available for sale in all regions.*

# SIGNA™ Works AIR™ Edition

## Exceptional versatility, productivity and image quality

Imagine a software package that can help you do more with less. This is the goal of SIGNA™Works AIR™ Edition, GE's latest software release, which introduces simply better technologies and improvements to your MR scanner. Whether it's simplifying scan setup, accelerating image acquisition or improving patient comfort, AIR™ packs innovations that deliver versatility, productivity and consistent quality to all customers.

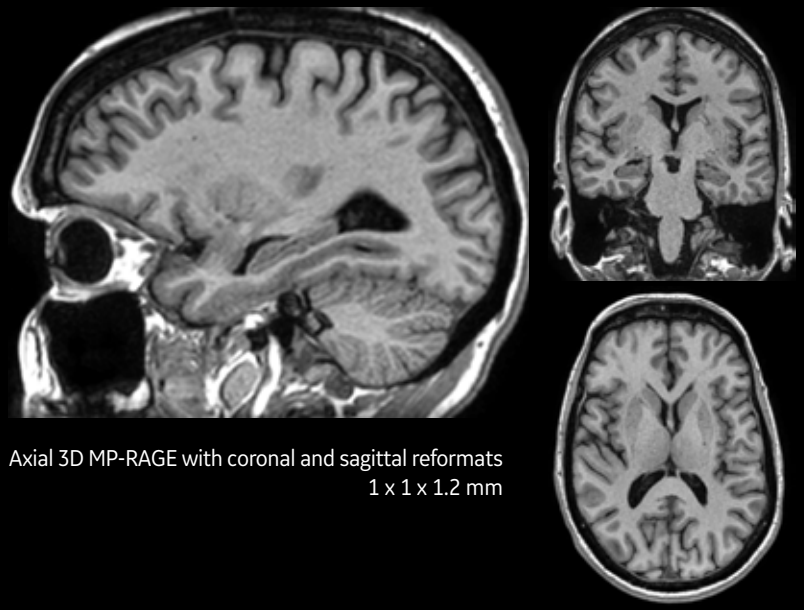
In addition, this release brings new applications along with enhancements to existing applications with the goal of empowering any technologist to easily deliver images with remarkable clarity.

# NeuroWorks

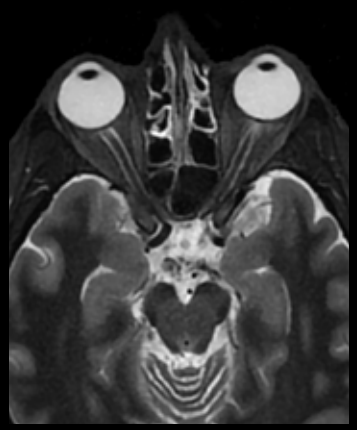
This one-stop solution enables you to image brain, spine and vascular anatomy with exceptional tissue contrast. These motion-insensitive techniques feature single-click auto alignment, providing the complete neuro solution from scanning to post processing.

Suppress CSF and either white or grey matter to increase lesion conspicuity with Cube, our 3D volumetric imaging suite.

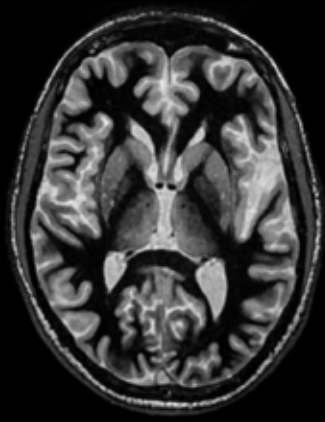
Preserve tissue contrast, both in T1 and T2 scans, while also reducing motion artifacts with PROPELLER MB.



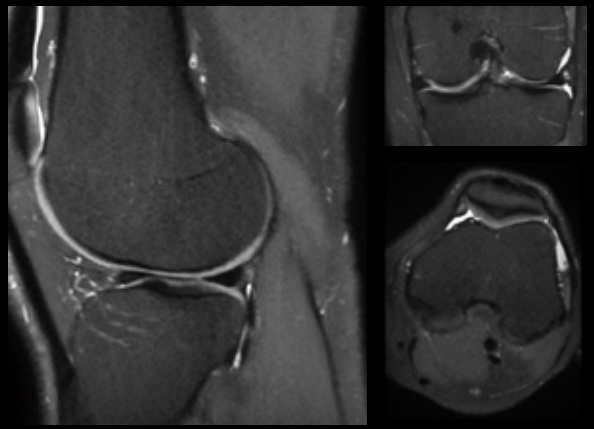
Axial 3D MP-RAGE with coronal and sagittal reformats
1 x 1 x 1.2 mm



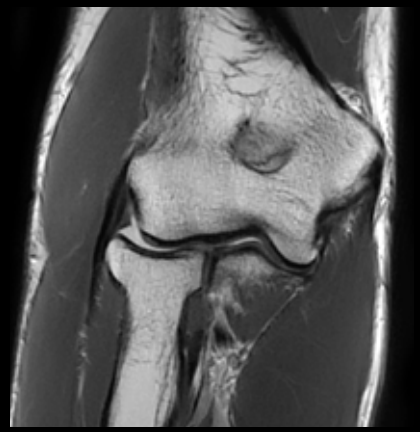
T2 STIR PROPELLER
Axial 0.77 x 0.77 x 2 mm



3D BRAVO
White matter nulling



Cube PD FatSat
0.6 x 0.6 x 0.6 mm
HyperSense* 2 x 2 x 1.5
4:29 min.



Coronal PD PROPELLER
0.4 x 0.4 x 3 mm

# OrthoWorks

This extensive library of musculoskeletal imaging techniques enables you to image bone, joint and soft tissue with remarkable tissue contrast.

Cube, combined with ASPIR, produces proton-density 3D images with improved fat suppression uniformity.

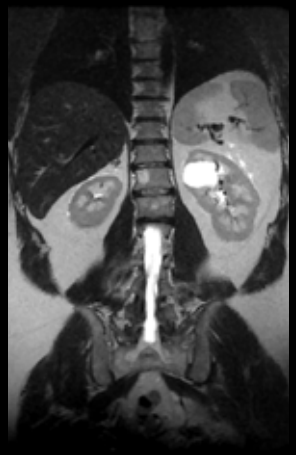
With one 3D acquisition and multi-planar reformats, Cube may replace individual 2D scans.

** Purchasable option.*

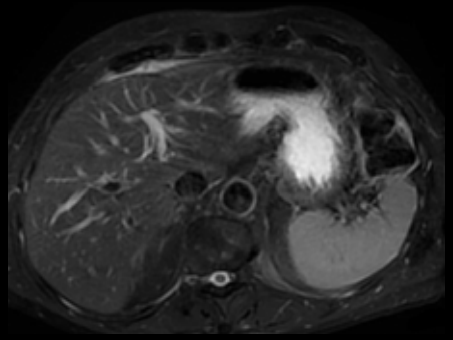
# BodyWorks

Scan whole-body, abdominal and pelvic anatomy with speed and flexibility to adapt to different patient types.

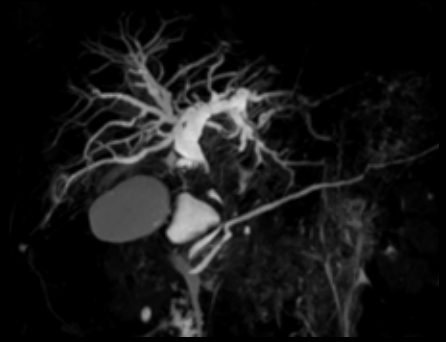
Reduce respiratory motion for more accurate abdominal imaging with Auto Navigator. This free-breathing approach is compatible with multiple pulse sequences including diffusion, PROPELLER MB, MRCP and dynamic multi-phase T1 imaging.



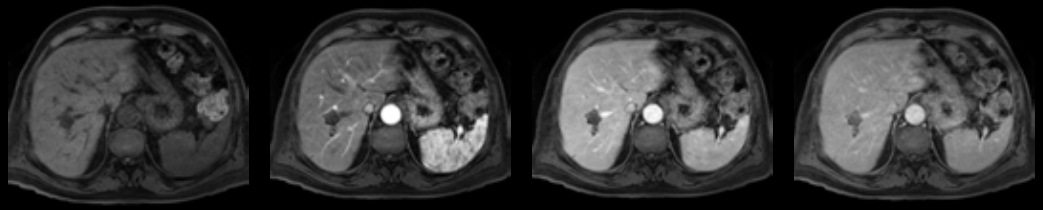
Coronal T2 SSFSE
Large FOV



Axial T2 FatSat PROPELLER free-breathing with Auto Navigator



3D MRCP Navigated with HyperSense*
0.9 x 0.9 x 1.8 mm
3:15 min.

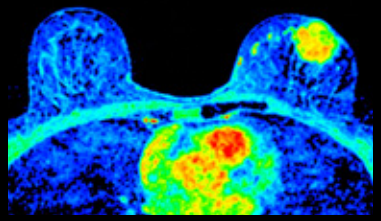


Axial LAVA
Free-breathing with Auto Navigator
1.4 x 2.2 x 4.4 mm

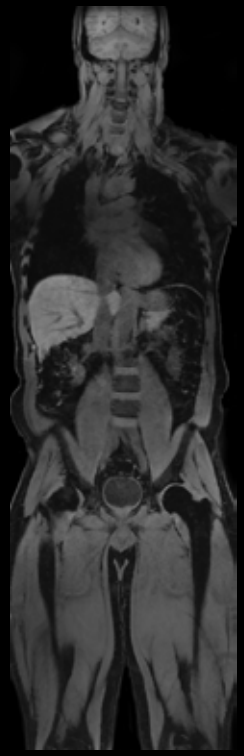
# OncoWorks

This extensive library of techniques captures anatomic data to uniquely enable oncological assessment of the anatomy. OncoWorks includes diffusion techniques, robust tissue contrast and motion-insensitive, high temporal and spatial resolution imaging.

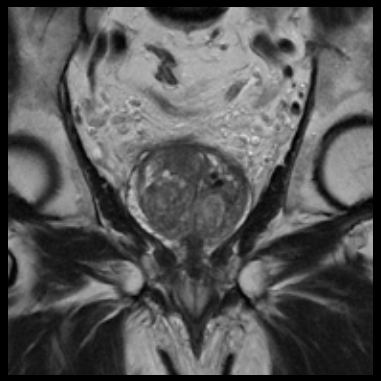
3D volumetric imaging with an optimized adiabatic fat suppression, combined with ARC or ASSET, provides high spatial and temporal resolution capture contrast uptake patterns.



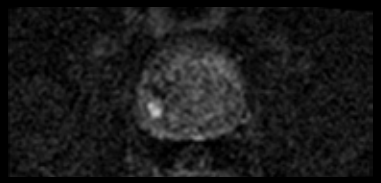
Axial T1 Dynamic Contrast
Positive Enhancement
Integral Map



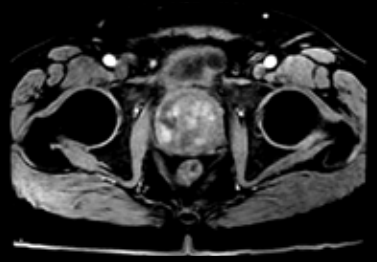
Whole-body
Coronal LAVA Flex
T1 water image



Coronal T2 PROPELLER
0.6 x 0.6 x 4 mm
Small FOV and motion-correction



DWI FOCUS* – b1000



3D DISCO* Flex

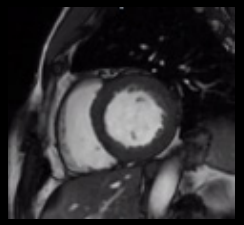
** Purchasable option.*

# CVWorks

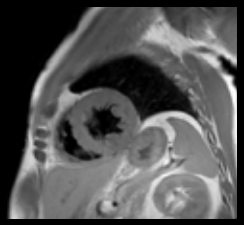
Intuitive cardiac techniques that adapt to different patient types. Assess morphology, flow, function and tissue viability to gain crucial insights into vascular structure and flow dynamics.

Multiple breath-hold imaging is no longer needed with Single Shot MDE and Black Blood techniques, which provide patient-friendly alternatives to uncomfortable breath-holds.

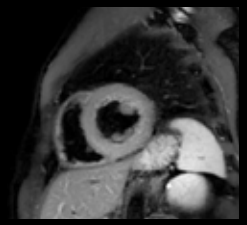
With our workflow-simplified QuickStep protocols, scanning whole body vasculature can be done in less than 6 minutes. High-performance gradients allow bright blood pool and myocardial tissue contrast on FIESTA Cine with high spatial and temporal resolution.



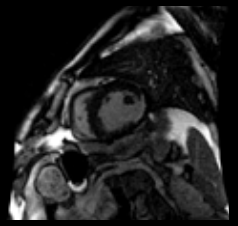
Short Axis 2D
FIESTA Cine



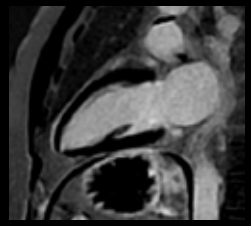
Black Blood T1



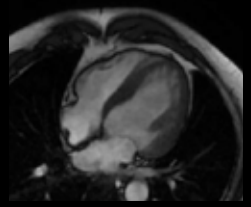
Black Blood SSFSE T2
ASPIR



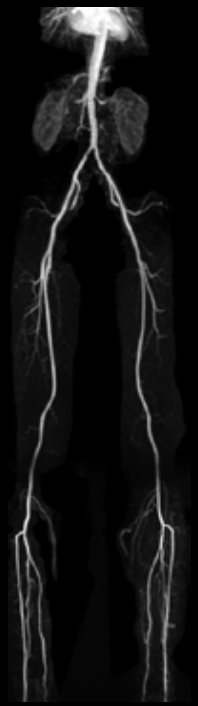
PSIR Single Shot MDE



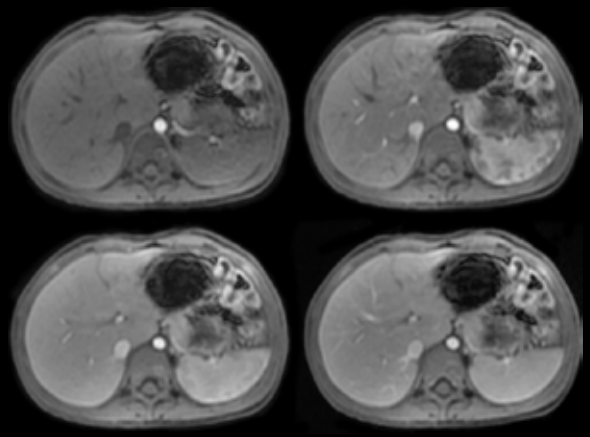
PS MDE



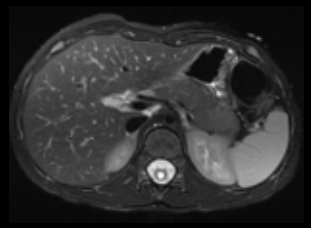
4ch FIESTA Cine



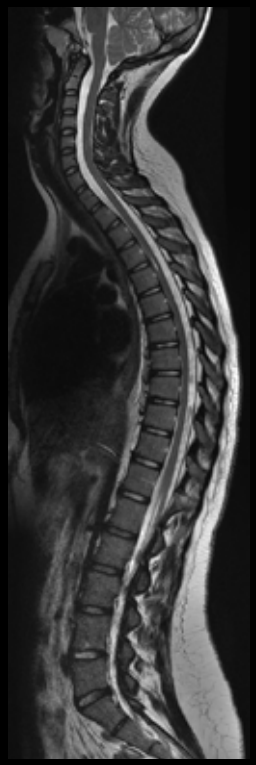
QuickStep MRA



Turbo LAVA with
free-breathing Auto
Navigator Dynamic Liver
1.2 x 1.7 x 2.6 mm
25 sec / phase



Axial T2 FatSat
FOV 24
0.9 x 1.1 x 5 mm



Sagittal T2 frFSE Pasted

# PaedWorks

Specialized protocols to simply address the needs of your smallest, most fragile patients. PROPELLER can be combined with Auto Navigator and diffusion imaging for patient-friendly, free-breathing exams.

When it comes to cardiac, Single Shot MDE provides faster and more reliable results.

Images above on the left demonstrate dynamic T1 imaging with Auto Navigator, which enables the patient to breathe freely while capturing dynamic phases. Whole spine evaluation can be obtained simply with routine T2 frFSE imaging.

# Broaden your areas of expertise

Take your expertise to the next level when you move beyond the standard with SIGNA™Works innovative applications. Improved image quality, higher efficiency and a more streamlined workflow help you perform better than ever before.

**HyperWorks***
HyperWorks means hyper scanning with astonishing imaging and impressive speed. Improve image quality, efficiency and workflow with innovative applications including HyperSense and HyperBand for acceleration, and HyperCube for 3D imaging.

HyperMAVRIC SL* automatically tailors the acquisition to the patient's implant. When used with MAVRIC SL, HyperMAVRIC SL can enable 40% shorter scan times, and as a 3D acquisition, it can provide isotropic resolution that can lead to improved lesion conspicuity.[1]

**ViosWorks***
ViosWorks leverages deep learning and the imaging analytic power of the Arterys™ cloud-based platform to precisely visualize and quantify cardiac flow in a single, free-breathing acquisition.

**SilentWorks***
Virtually eliminate the acoustic noise of MR across all anatomies without compromising image quality with SilentScan.

**ImageWorks***
Boost your overall MR performance with ImageWorks applications. Deliver multiple contrasts in a single scan with MAGiC, reducing scan time by up to 50 percent compared to acquiring all contrasts separately.

**MUSE***
MUSE reduces blurring and susceptibility induced distortions compared to conventional parallel imaging techniques while pushing the boundaries of spatial resolution for DWI/DTI imaging.

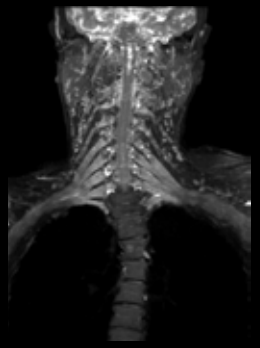
**PROGRES***
Improve diffusion image quality even more with the distortion correction of PROGRES. PROGRES cleans up unwanted distortion artifacts on DWI/DTI images as well as enables up to 300 diffusion tensor directions.

** Purchasable option.*

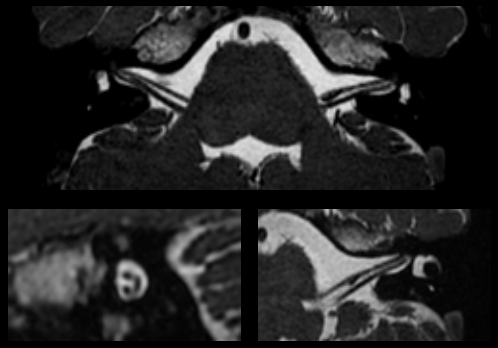
# HyperWorks*

## HyperCube

Significantly reduce scan times and minimize artifacts such as motion and aliasing with the expanded 3D imaging capabilities of HyperCube.



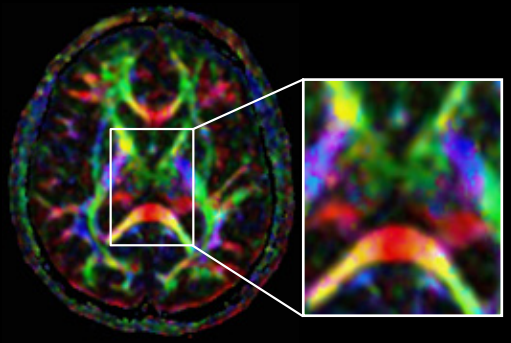
Coronal T2 HyperCube Flex
Brachial Plexus
Water image – MIP
1.2 x 1.2 x 1.4 mm
3:49 min.



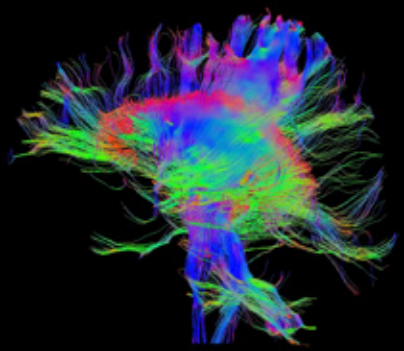
Axial T2 HyperCube IAC with HyperSense
0.6 x 0.6 x 0.8 mm
3:26 min.

## HyperBand

HyperBand takes your diffusion to a new level by allowing you to acquire more slices or diffusion directions within a typical scan.



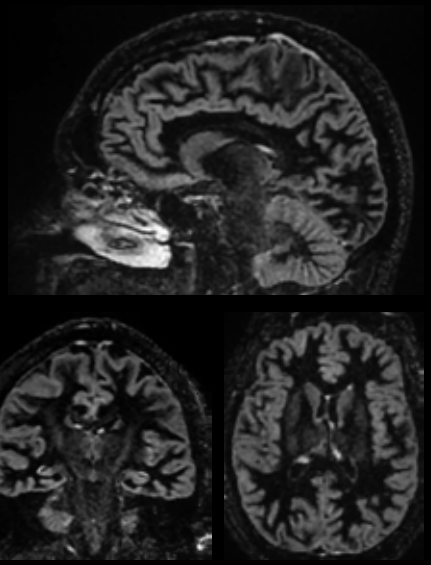
HyperBand colored orientation map



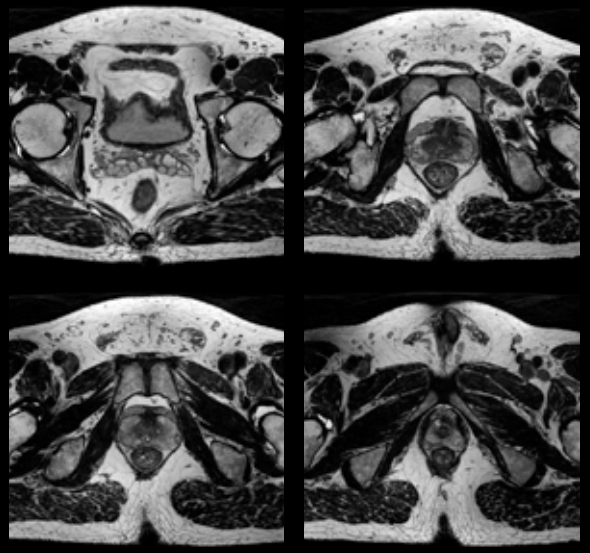
HyperBand DTI

## HyperSense

Reduce overall scan times without compromising image quality with HyperSense, which can be used in 88% of all clinical procedures.



Sagittal 3D Cube DIR
with HyperSense
1.3 x 1.3 x 1.4 mm
4:02 min.



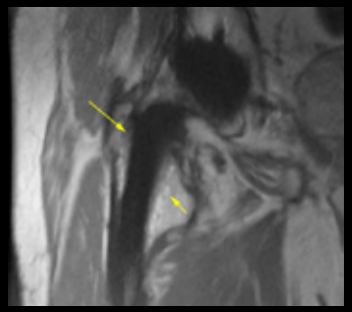
HyperCube T2 with HyperSense
0.7 x 0.7 x 0.7 mm
3:58 min.

Axial 3D TOF COW
with HyperSense
0.7 x 0.8 x 1.0 mm
2:38 min.

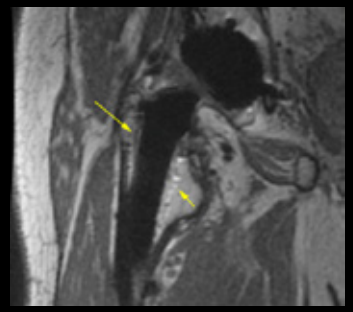
** Purchasable option.*

## HyperMAVRIC SL

MAVRIC SL now brings T2-weighting, Flexible No Phase Wrap and an automated-parameter setting for streamlined UI workflow.



MAVRIC SL PD
0.4 x 0.6 x 4 mm



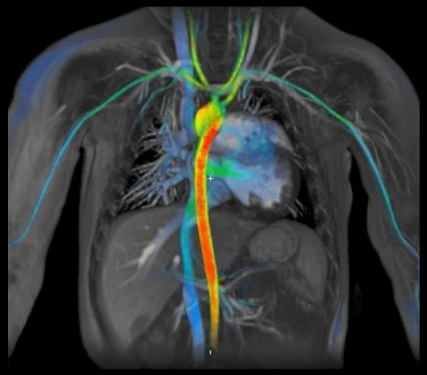
HyperMAVRIC SL PD
1.3 mm isotropic

Fibrous membrane formation in femur that was not appreciated in a conventional acquisition or same scan time.

# ViosWorks*

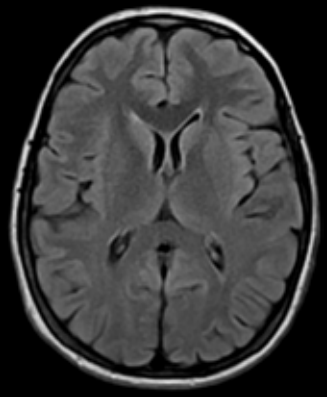
Complete a whole heart functional exam in a non-gated, free-breathing acquisition. ViosWorks 4D Flow accelerates acquisition using HyperKat reconstruction to capture routine clinical information and aid in imaging of complex anatomy.

ViosWorks 4D Flow helps you get functional cine information, along with flow velocity and direction of flow information.

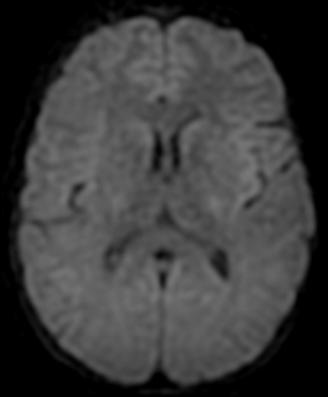


# SilentWorks*

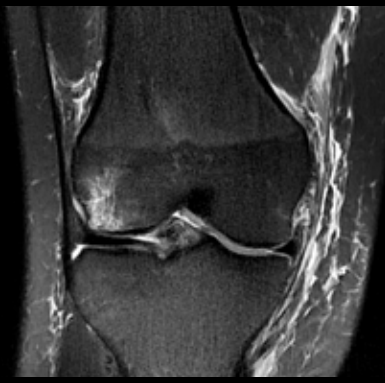
SilentWorks is available across all anatomies and can be done with multiple coils and weightings, including DWI. And with new enhancements like 3D Silenz and PROPELLER MB, your exam time is shortened without compromise.



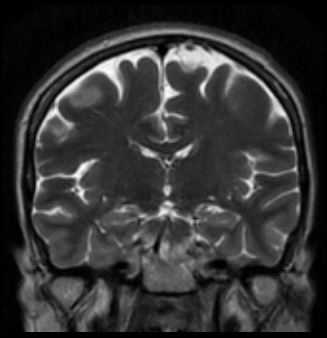
Axial T2 FLAIR
Silent PROPELLER <11 dB
0.9 x 0.9 x 5 mm



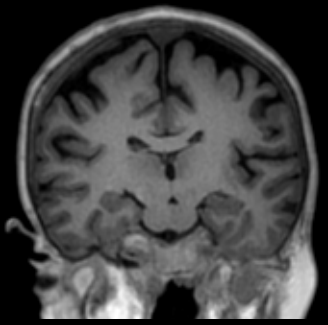
Axial DWI
Silent PROPELLER <11 dB
2.1 x 2.1 x 5 mm



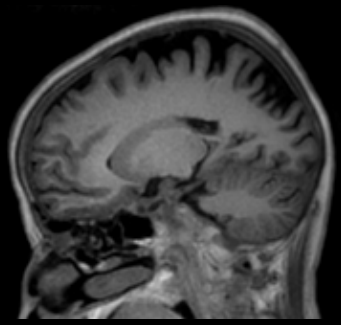
T2 PROPELLER FatSat
Coronal with SilentScan



Coronal T2
Silent PROPELLER <11 dB
0.8 x 0.8 x 4 mm



Coronal reformat
(Sagittal T1 Silenz <3 dB)
1.2 x 1.2 x 1.2 mm

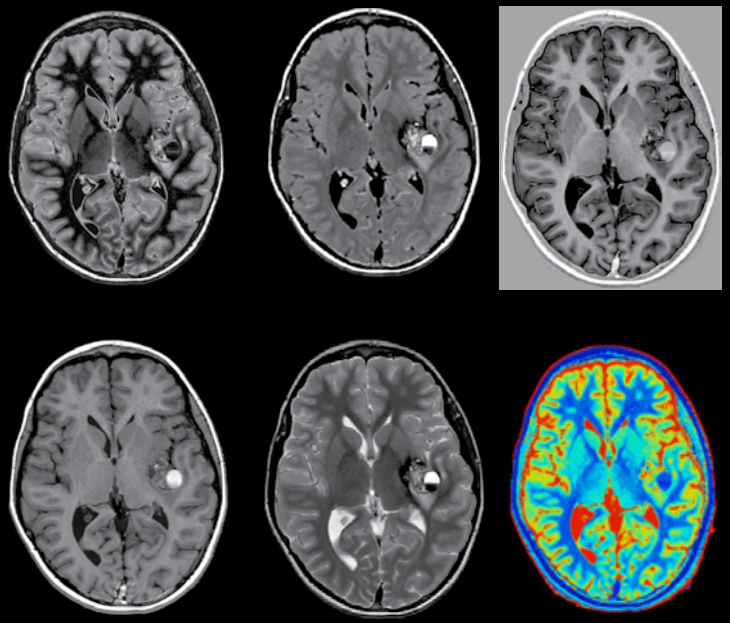


Sagittal T1 Silenz <3 dB
1.2 x 1.2 x 1.2 mm

# ImageWorks*

## MAGiC

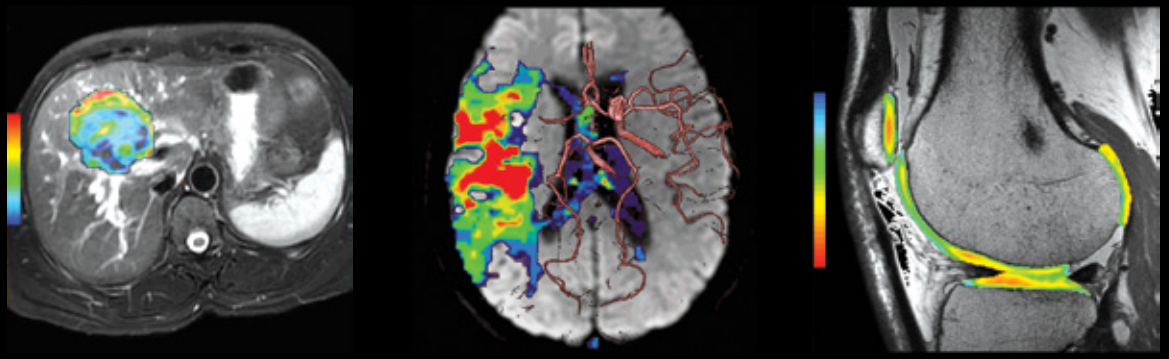
The secret of MAGiC lies in its unique ability to deliver multiple image contrasts in a single neuro scan. MAGiC delivers enhanced clinical flexibility by freeing up time for advanced imaging. MAGiC goes beyond the routine, providing complementary parametric data for a more complete picture. Image contrast can be changed by applying simple adjustments after acquisition.



DIR, FLAIR, PSIR (top), T2, T1 and T2 maps (bottom) were acquired in one scan.

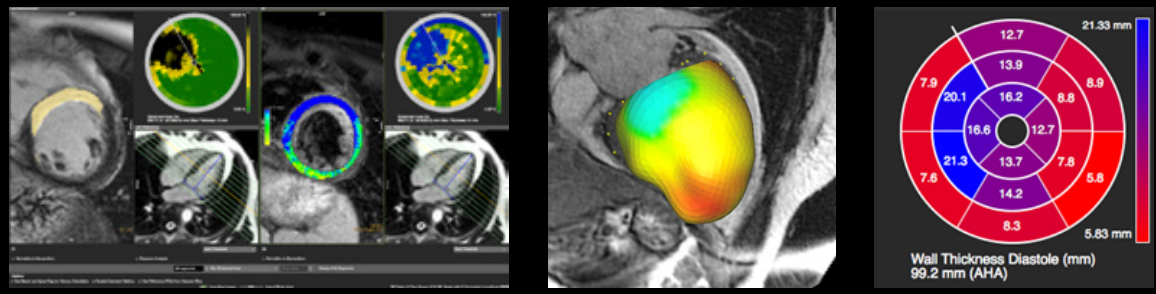
*It is recommended to acquire conventional T2 FLAIR images in addition to MAGiC.*

** Purchasable option.*



## READYView

READYView helps simplify complex exams by providing a visualization platform that gives you access to advanced post processing technology. Being directly available on the MR operator console, READYView accelerates workflow and reading readiness by eliminating time consuming post processing steps.




## cvi42®

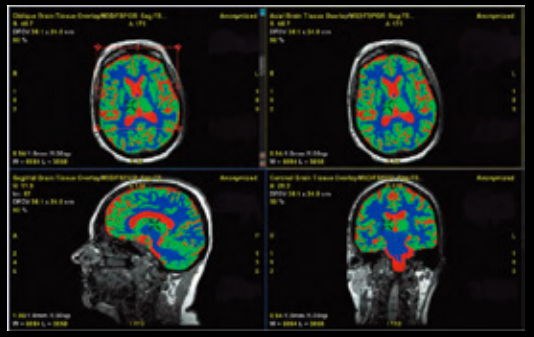
cvi**42**® is a deep-learning based, comprehensive cardiovascular post processing solution that uses automated algorithms to characterize tissue, generate maps, and assess flow and function.

## Quantib™ Brain

Quantib™ Brain is a medical imaging processing software using machine learning that is intended for automatic labeling, visualization and volumetric quantification of segmentable brain structures from a set of MR images.

The Quantib™ Brain output consists of segmentations, visualizations and volumetric measurements of grey matter, white matter and cerebrospinal fluid. The output also visualizes and quantifies white matter hyperintensity (WMH) candidates.

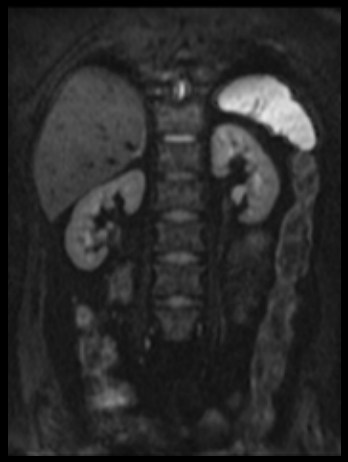
The Quantib™ Brain WMH segmentation function can perform a longitudinal analysis on validated WMHs for comparison of multiple exams of an individual patient.



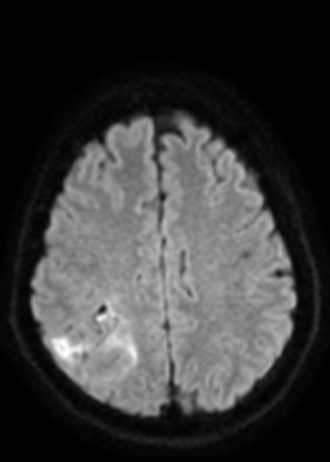
** Purchasable option.*

# MUSE*

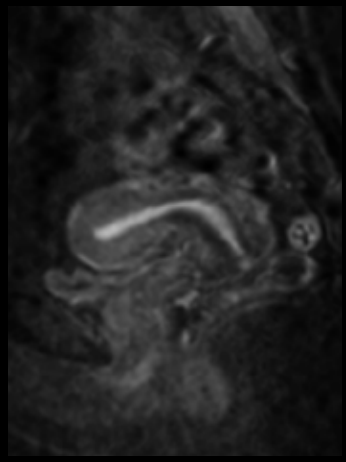
MUSE delivers sharper DWI/DTI images by reducing blurring and susceptibility induced distortions compared to conventional parallel imaging techniques. Use MUSE in areas vulnerable to susceptibility artifacts, such as the brain and prostate.



Coronal MUSE DWI



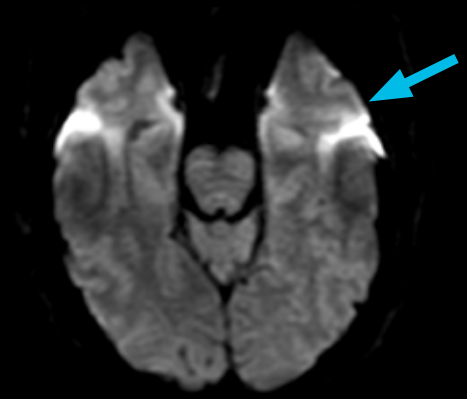
Axial MUSE DWI b1000



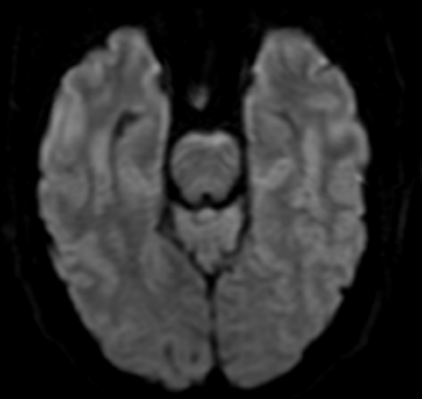
Sagittal MUSE DWI b800

# PROGRES*

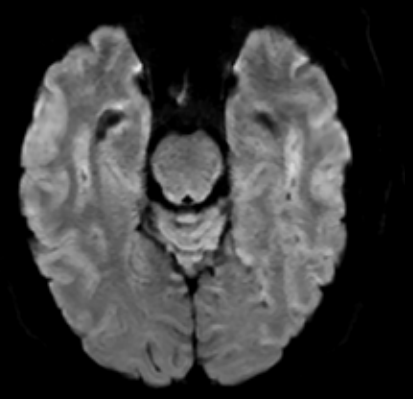
PROGRES, which includes Distortion Correction, addresses distortion in diffusion scans that typically arises from $B_0$ inhomogeneity and the EPI readout but can also occur less frequently from motion and gradient-related imperfections such as eddy currents.



EPI DWI without PROGRES



EPI DWI with PROGRES



MUSE DWI with PROGRES

# MR technology that empowers your performance

Designed to overcome barriers, the SIGNA™ Artist AIR™ Edition's cutting edge platform makes it the most versatile, adaptable and powerful 1.5T system available from GE.

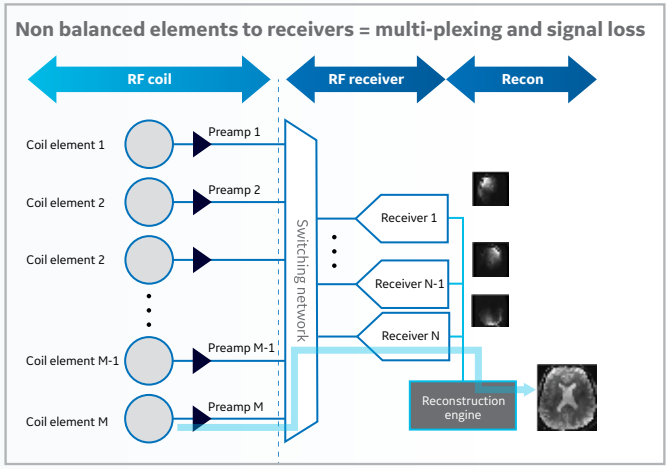
Now feet-first, whole-body coverage is made easy. Dynamic yet insightful, the SIGNA™ Artist is MR built to work for you.

# Total Digital Imaging (TDI)

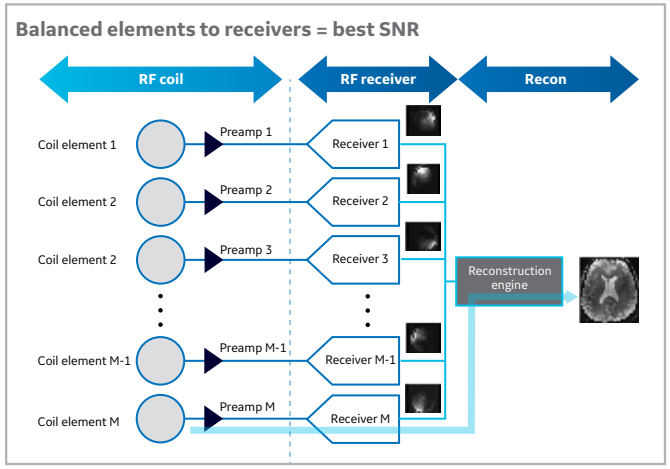
The SIGNA™ Artist AIR™ Edition offers startling advances in imaging and a total imaging win with TDI.

TDI's powerful infrastructure supports the use of AIR™ Coils, redefining clinical excellence with consistent, high-quality imaging.

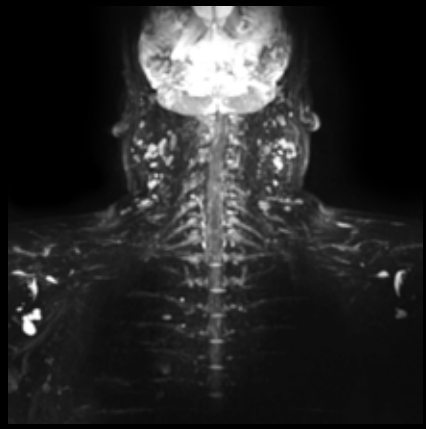
- **Total Digital Imaging (TDI)** employs an independent analog-to-digital converter to digitize inputs from each of up to 128 RF channels, eliminating unnecessary noise enhancement. In other words, every element translates to a digitized signal.
- Designed for higher SNR and uniformity – up to 25% higher SNR.
- **AIR™ Coils**, combined with TDI, allow for an unmatched 88 channels within a single FOV to maximize parallel imaging, resolution and scan time.



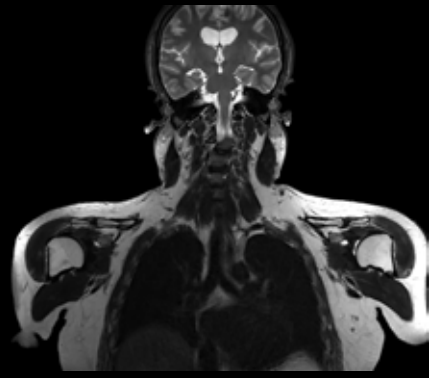

Conventional MR




SIGNA™ Artist AIR™ Edition with TDI



Coronal T2 STIR HyperSense and HyperCube
3x Phase + 1.3x HyperSense Acceleration
1.8 x 1.8 x 1.4 mm



88 channels within FOV
19ch Head/Neck Unit +
(2) 30ch AIR™ Anterior Array Coils +
40ch Posterior Array

# We keep your upgrade options open

Get The Works gives you the power of choice in upgrading just your software, upgrading your software and hardware or upgrading to a completely new system built around your existing magnet. Depending on which MR model you have, there may be a couple of options for you. With Get The Works, it is all about making the right equipment upgrade decision easy for your organization.

- **A fraction of the cost** – Up to 50% savings in construction costs vs. a new system install‡
- **Minimize downtime** – The upgrade can be completed in as few as 4-5 days, reducing install time by up to 60%‡

‡ *Results may vary*

# You should never compromise between patient comfort and your productivity

And with artificial intelligence (AI) scanning technologies such as AIR x™, cvi**42**® and Quantib Brain, your SIGNA™ Artist brings you the best of both worlds. Experience the masterful balance of patient-friendly exams with optimal image quality in less time.

**Maximum comfort and versatility**

- 360 degrees of coil coverage accommodating all types of scans and patient sizes
- Feet-first option reduces claustrophobia rejection rate by 90%[2]
- Lightweight eXpress dockable table for fast extraction and improved patient preparation workflow
- Free-breathing for any examination, including dynamic studies as well as compatible needle-free and 2D/3D motion-correction techniques

**Consistent image quality**

- 80% of cases get improved IQ without added time with AIR™ Recon
- Leverage the highest number of channels within your FOV to boost IQ and productivity

**Accuracy and agility**

- 59% productivity gain in exam set-up and 37% reduction in table time with AIR Touch™‡
- 5x faster set-up time and 4x fewer mouse clicks with AIR x™‡

**The SIGNA™ Artist AIR™ Edition is another way GE Healthcare is bringing you tomorrow's MR today.**

*‡ Results may vary.*

For more information, visit gehealthcare.com/mr or contact your GE Healthcare Sales Representative.

GE Healthcare is a leading global medical technology and digital solutions innovator. GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 50,000 employees globally, the company operates at the center of an ecosystem working toward precision health, digitizing healthcare, helping drive productivity and improve outcomes for patients, providers, health systems and researchers around the world. Follow us on Facebook, LinkedIn, Twitter and Insights , or visit our website www.gehealthcare.com for more information.

1 Zochowski, K., Miranda, M., Cheung, J., Argentieri, E., Lin, B., Kaushik, S., Burge, A., Potter, H. and Koff, M., 2019. MRI of Hip Arthroplasties: Comparison of Isotropic Multiacquisition Variable-Resonance Image Combination Selective (MAVRIC SL) Acquisitions With a Conventional MAVRIC SL Acquisition. American Journal of Roentgenology, 213(6), pp.W277-W286.

2 Dewey, M., Schink, T. and Dewey, C., 2007. Claustrophobia during magnetic resonance imaging: Cohort study in over 55,000 patients. Journal of Magnetic Resonance Imaging, 26(5), pp.1322-1327.

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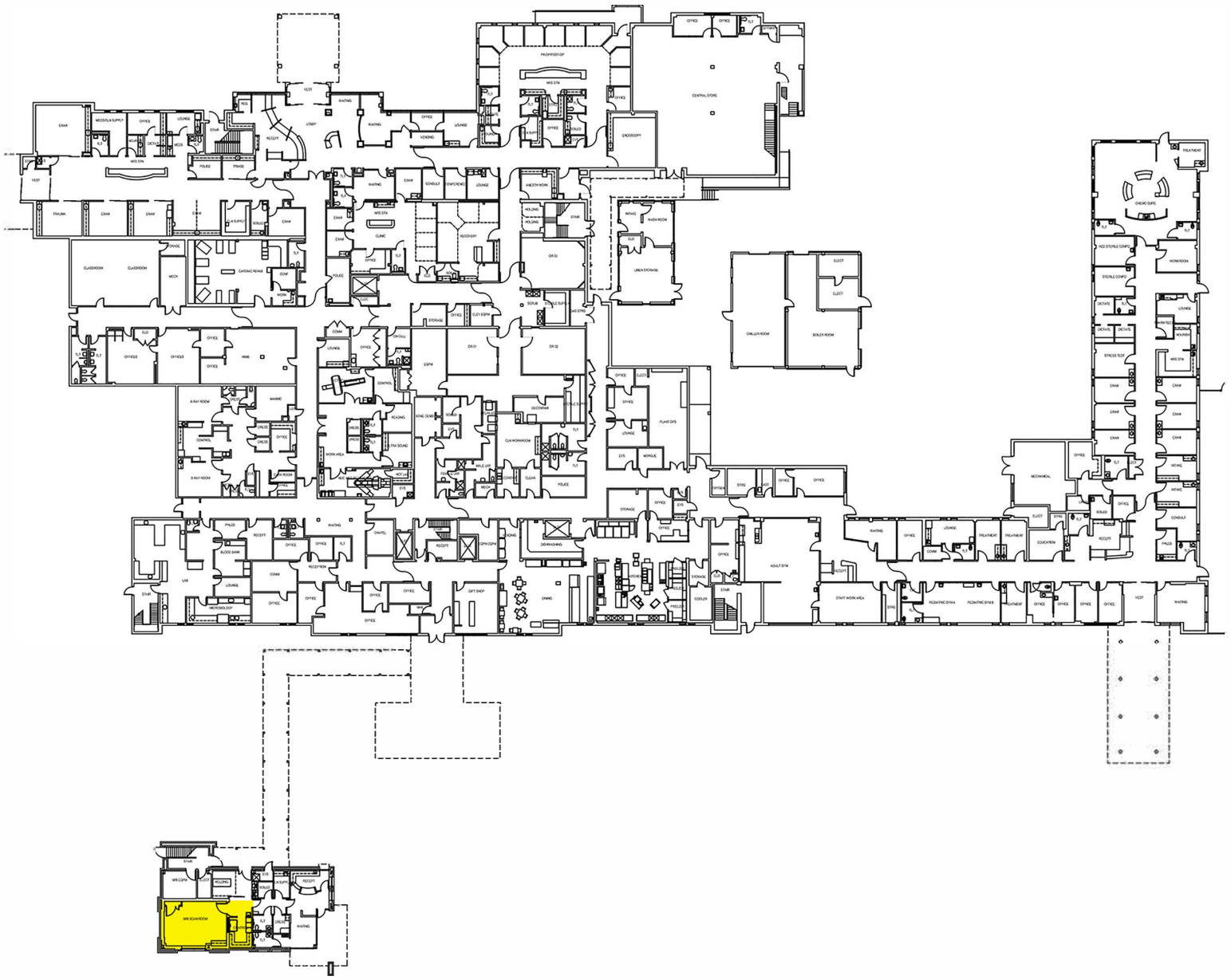
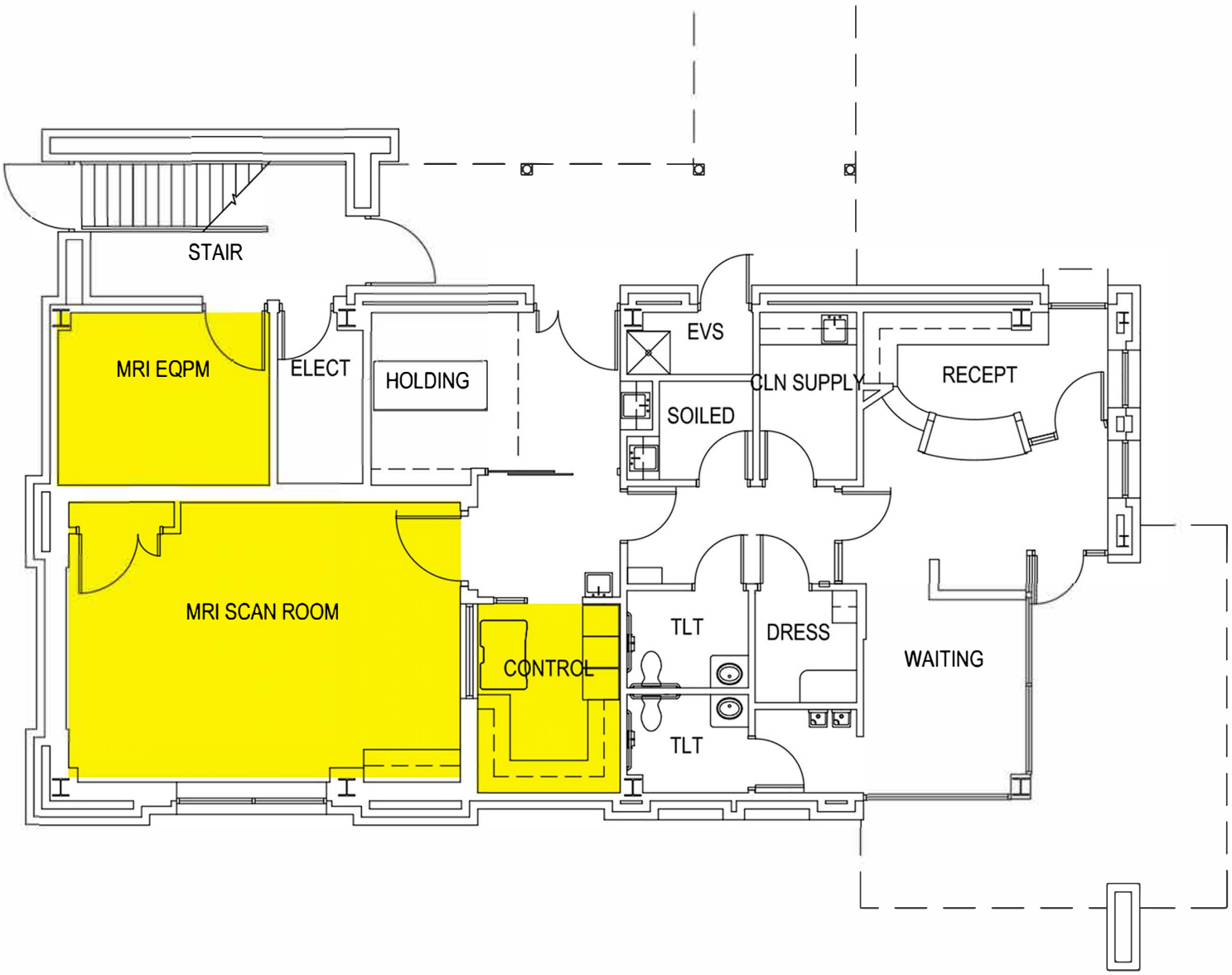
JB77915XX

# Appendix E

# Site and Floor Plan



ECU Health Chowan Hospital
Floor Plan - Level 01
MRI Equipment Upgrade




ECU Health Chowan Hospital
Floor Plan - Level 01
MRI Equipment Upgrade

# Appendix F

# CON Certification

RECEIVED
12/16/08
and scanned

**North Carolina Department of Health and Human Services**
**Division of Health Service Regulation**
**Certificate of Need Section**
2704 Mail Service Center ▾ Raleigh, North Carolina 27699-2704

Michael F. Easley, Governor
Dempsey Benton, Secretary

www.ncdhhs.gov/dhsr

Lee Hoffman, Section Chief
Phone: 919-855-3873
Fax: 919-733-8139

December 12, 2008

Sue Collier, RN, MSN, VP
East Carolina Health-Chowan, Inc.
Planning & Strategic Development
P.O. Box 6028
Greenville, NC 27835-6028

RE: Transmittal of CON/ Project I.D. #R-8168-08/ East Carolina Health-Chowan, Inc./ Lease a Siemens 1.5 Magneto Espree Fixed Open Bore Magnetic Resonance Imaging scanner in Chowan Hospital/ Chowan County
FID #933102

Dear Ms. Collier:

We are happy to transmit your certificate of need for the above referenced project. At this time, you should contact the Construction Section and the Licensure and Certification Section, regarding their procedures and requirements for the development of this project. The Certificate of Need Section will notify the other Sections that the certificate of need has been issued. However, please note that it is the responsibility of the holder of the certificate of need to contact these Sections concerning the next steps to follow in the development of the approved project.

Please be aware that pursuant to General Statute 131E-181(b), you are required to materially comply with the representations made in your application for a certificate of need, or with any conditions the department placed on the certificate of need. If you operate a service which materially differs from the representations made in your application for a certificate of need, or with any conditions the department placed on the certificate of need, including any increase in per diem reimbursement rates/charges, the department may bring remedial action against the holder of the certificate of need pursuant to General Statutes 131E-189 and 131E-190.

The holder of a certificate of need is obligated to submit progress reports to this Agency as required by 10A NCAC 14C .0209. The applicant shall notify the Agency of any variations from the schedule or the projected capital cost of the project. During the development of the project, the Agency may request any additional information pertinent to the project, including additional progress reports, to determine: 1) if the timetable specified on the certificate is being met; 2) if the amount of the capital expenditure obligated under the certificate has exceeded or can be expected to exceed the maximum amount under the certificate; 3) if the terms and conditions of the approval are being met; and 4) if the project is progressing as proposed in the application. The first progress report on this project is

due July 31, 2009. Forms for the submittal of these reports are enclosed. Failure to submit any scheduled or requested progress report in a timely manner may result in the agency withdrawing the certificate pursuant to G.S.131E-189 (a). If after reviewing the status of the project, the Certificate of Need Section determines that the holder of the certificate is not meeting the timetable and is not making a good faith effort to meet it, the Agency may withdraw the certificate in accordance with G.S. 131E-189.

Moreover, please be advised that this Agency may assess a civil penalty not to exceed $20,000 against any person who violates the terms of a certificate of need which has been issued each time the service provided is in violation of this provision (G.S. 131E-190(f)). If for some reason, the holder of a certificate of need determines it necessary to request an increase in a per diem charge or reimbursement rate over that which was stated in the application for the certificate of need, then the holder must first contact the Certificate of Need Section to obtain proper instructions for initiating such a request. The request for the increase will be considered by the department pursuant to G.S. 131E-181(b).

Please keep us informed of the progress in the development of this project. Please refer to the Project I.D.# and Facility I.D.# (FID) in all correspondence.

Sincerely,

F. Gene DePorter, Project Analyst

Lee B. Hoffman, Chief
Certificate of Need Section

FGD:LBH: rhb

Enclosures

cc: Medical Facilities Planning Section, DHSR

<h:\rboger\transcon\8168.fgd>

# STATE OF NORTH CAROLINA

*Department of Health and Human Service*
*Division of Health Service Regulation*

# *CERTIFICATE OF NEED*

**for**
**Project Identification Number #R-8168-08**
**FID #933102**

**ISSUED TO:** **East Carolina Health-Chowan, Inc.**
**P.O. Box 629**
**Edenton, NC 27932**

Pursuant to N.C. Gen. Stat. § 131E-175, et. seq., the North Carolina Department of Health and Human Services hereby authorizes the person or persons named above (the "certificate holder") to develop the certificate of need project identified above. The certificate holder shall develop the project in a manner consistent with the representations in the project application and with the conditions contained herein and shall make good faith efforts to meet the timetable contained herein. The certificate holder shall not exceed the maximum capital expenditure amount specified herein during the development of this project, except as provided by N.C. Gen. Stat. § 131E-176(16)e. The certificate holder shall not transfer or assign this certificate to any other person except as provided in N.C. Gen. Stat. § 131E-189(c). This certificate is valid only for the scope, physical location, and person(s) described herein. The Department may withdraw this certificate pursuant to N.C. Gen. Stat. § 131E-189 for any of the reasons provided in that law.

**SCOPE:** **East Carolina Health-Chowan, Inc. to lease a Siemen 1.5 Magneto Espree Fixed Open bore MRI scanner in Chowan Hospital/Chowan County**

**CONDITIONS:** **See Reverse Side**

**PHYSICAL LOCATION:** **Chowan Hospital**
**211 Virginia Rd.**
**Edenton, NC 27932**

**MAXIMUM CAPITAL EXPENDITURE:** **$1,708,600**

**TIMETABLE:** **See Reverse Side**

**FIRST PROGRESS REPORT DUE: July 31, 2009**

This certificate is effective as of the 12th day of December, 2008.

Lee B. Hoffman

**Chief, Certificate of Need Section**
**Division of Health Service Regulation**

**CONDITIONS**

1. East Carolina Health-Chowan, Inc. shall materially comply with all representations made in the certificate of need application.

2. East Carolina Health-Chowan, Inc. shall not acquire, as part of this project, any equipment that is not included in the project's proposed capital expenditure in Section VIII of the application or that would otherwise require a certificate of need.

3. East Carolina Health-Chowan shall not increase MRI charges for the technical component above the representation made in the application in any of the first three operating years of the project.

4. East Carolina Health-Chowan, Inc. shall obtain accreditation from Joint Commission for Accreditation of Healthcare Organizations or the American College of Radiology or a comparable accreditation authority, as determined by the Certificate of Need Section, for magnetic resonance imaging within two years following operation of the proposed MRI scanner.

5. East Carolina Health-Chowan, Inc. shall submit MRI charges and actual average per procedure reimbursement rates for each source of patient payment for the technical and professional components of each of the 20 MRI procedures performed most frequently, to the Certificate of Need Section at year end for each of the first three years following operation of the MRI scanner.

6. East Carolina Health-Chowan, Inc. shall acknowledge acceptance of and agree to comply with all conditions stated herein to the Certificate of Need Section in writing prior to issuance of the certificate of need.

A letter acknowledging acceptance of and agreeing to comply with all conditions stated in the conditional approval letter was received by the Certificate of Need Section on December 4, 2008.

**TIMETABLE**

| | |
|---|---|
| Approval of Final Drawings Submitted to the Construction Section, DFS | July 31, 2009 |
| Contract Award (Notice to Proceed) | September 15, 2009 |
| 25% Completion of Construction | December 1, 2009 |
| 50% Completion of Construction | February 15, 2010 |
| Completion of Construction | May 31, 2010 |
| Occupancy and Offering Services | July 1, 2010 |

# CERTIFICATE OF NEED
# PROGRESS REPORT FORM

County: _____ Date of Progress Report: _____
Facility: _____ Facility I.D. #: _____
Project I.D. #: _____ Effective Date of Certificate: _____
Project Description: _____

_____

_____

**A. Status of the Project** – Describe the current status of the project. If the project is not going to be developed exactly as proposed in the certificate of need application, describe all differences between the project as proposed in the application and the project as currently proposed. Such changes include, but are not limited to, changes in the: 1) design of the facility; 2) number or type of beds to be developed; 3) medical equipment to be acquired; 4) proposed charges; and 5) capital cost of the project. (See the Capital Cost Section of this form for additional questions regarding changes in the total capital cost of the project).

**B. Timetable**

1. Complete the following. The first column must include the timetable dates found on the certificate of need. If the CON Section has authorized an extension of the timetable in writing, you may substitute the dates from that letter.

| | **Projected Completion Date** (from the Certificate of Need) Month/Day/Year | **Actual Date Completed** Month/Day/Year |
|---|---|---|
| Obtained Funds for the Project | | |
| Approval of Final Drawings and Specifications | | |
| Acquisition of land/facility | | |
| Construction Contract Executed | | |
| 25% completion of construction | | |
| 50% completion of construction | | |
| 75% completion of construction | | |
| Completion of construction | | |
| Ordering of medical equipment | | |
| Operation of medical equipment | | |
| Occupancy/offering of services | | |
| Licensure | | |
| Certification | | |

2. If the project is experiencing significant delays in development:

   a. explain the reasons for the delay; and
   b. provide a revised timetable for the CON Section to consider.

**C. Medical Equipment Projects** – If the project involves the acquisition of any of the following equipment: 1) major medical equipment as defined in NCGS §131E-176(14f); 2) the specific equipment listed in NCGS §131-176(16); 3) equipment that creates an oncology treatment center as defined in NCGS §131-176(18a); or 4) equipment that creates a diagnostic center as defined in NCGS §131E-176(7a), provide the following information for each piece or unit of equipment.

a. Manufacturer
b. Model
c. Serial Number
d. Date acquired

## D. Capital Expenditure

1. Complete the following table.
   a. Include all capital costs that have been paid to date as well as those that the applicant(s) are legally obligated to pay.
   b. If you have not already done so, provide copies of the executed construction contracts, including the one for architect and engineering services, and all final purchase orders for medical equipment costing more than $10,000/unit.
   c. If the project involves renovation or construction, provide copies of the Contractors Application for Payment [AIA G702] with Schedule of Values [AIA G703].

| | Capital Expense Since Last Report | Total Cumulative Capital Expenditure |
|---|---|---|
| **Site Costs** | | |
| Purchase price of land | | |
| Closing costs | | |
| Legal Fees | | |
| Site preparation costs | | |
| Landscaping | | |
| Other site costs (identify) | | |
| **Subtotal Site Costs** | | |
| **Construction Costs** | | |
| Construction Contract | | |
| **Miscellaneous Costs** | | |
| Moveable Equipment | | |
| Fixed Equipment | | |
| Furniture | | |
| Consultant Fees | | |
| Financing Costs | | |
| Interest during Construction | | |
| Other Misc. Costs (identify) | | |
| **Subtotal Misc. Costs** | | |
| **Total Capital Cost of the Project** | | |

2. What do you project to be the remaining capital expenditure required to complete the project? _____

3. Will the total actual capital cost of the project exceed 115% of the approved capital expenditure on the certificate of need? If yes, explain the reasons for the difference.

**E. CERTIFICATION** – The undersigned hereby certifies that the responses to the questions in this progress report and the attached documents are correct to the best of his or her knowledge and belief.

Signature of Officer: _____
Name and Title of Responsible Officer _____
Telephone Number of Responsible Officer _____

**From:** Waller, Martha K
**To:** Stancil, Tiffany C
**Subject:** FW: [External] ECU Health Letters of No Review (Email #2)
**Date:** Thursday, September 26, 2024 10:00:00 AM
**Attachments:** ECU Health Chowan MRI Replacement - Final Submission Packet.pdf
ECU Health Roanoke-Chowan CT Replacement - Final Submission Packet.pdf
image001.png

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# 2 Email...


*Martha Waller*
Administrative Specialist 1
Division of Health Service Regulation, Certificate of Need Section North Carolina Department of Health and Human Services

Main: 919-855-3873
Office: 919-855-3885
martha.waller@dhhs.nc.gov

2704 Mail Service Center
Raleigh, NC 27699-2704


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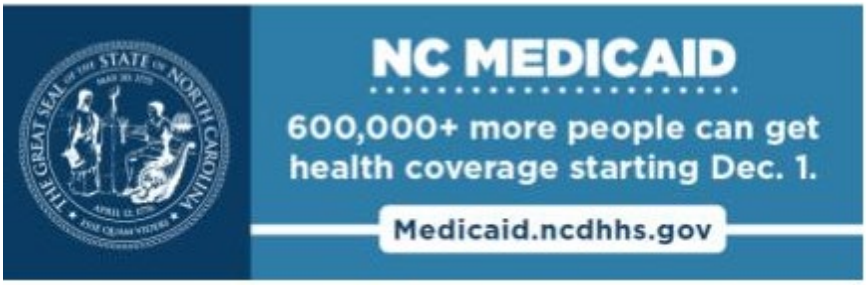


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**From:** Lentz, Samuel <Samuel.Lentz@ecuhealth.org>
**Sent:** Tuesday, September 24, 2024 1:49 PM
**To:** Waller, Martha K <martha.waller@dhhs.nc.gov>
**Cc:** Shovelin, Jeffrey <JShoveli@ecuhealth.org>
**Subject:** [External] ECU Health Letters of No Review (Email #2)

You don't often get email from samuel.lentz@ecuhealth.org. Learn why this is important

**CAUTION:** External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Ms. Waller,

Please see 2 more of the 5 requests. This email includes letters for the following projects:

- ECU Health Chowan MRI Replacement
- ECU Heath Roanoke-Chowan CT Replacement

Please confirm receipt. Thank you again for your patience!

-Sam