

Table 9E: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures

Facility Name	Service Area #	County	Number of Linear Accelerators	Number of Procedures (ESTVs) 10/1/2007-9/30/2008	Average # of Procedures per Unit
Harris Regional Hospital, Inc.	1	Jackson	1	4,693	4,693
NC Radiation Therapy - Franklin	1	Macon	1	1,530	1,530
Mission Hospitals (S) (b)	2	Buncombe	3	20,668	6,889
NC Radiation Therapy - Asheville	2	Buncombe	2	8,639	4,320
NC Radiation Therapy - Clyde	2	Haywood	1	4,489	4,489
NC Radiation Therapy - Marion	2	McDowell	1	3,838	3,838
Watauga Hospital	3	Watauga	1	4,005	4,005
Margaret Pardee Mem. Hospital	4	Henderson	1	7,879	7,879
NC Radiation Therapy - Brevard	4	Transylvania	1	1,453	1,453
NC Rad. Therapy - Hendersonville	4	Henderson	1	1,258	1,258
Catawba Valley Medical Center	5	Catawba	2	14,405	7,202
Frye Regional Medical Center	5	Catawba	1	NA	NA
Grace Hospital, Inc.	5	Burke	1	NR	NR
Valdese General	5	Burke	1	4,004	4,004
Caldwell Memorial Hospital, Inc.	5	Caldwell	1	2,762	2,762
Cleveland Regional	6	Cleveland	1	7,343	7,343
Gaston Memorial Hospital (h)	6	Gaston	3	13,531	4,510
Lincoln Radiation Oncology Associates (s)	6	Lincoln	will be transferred	NR	NR
NC Radiation Therapy - Forest City	6	Rutherford	1	2,464	2,464
Pineville Radiation Therapy Center (n)	7	Mecklenburg	1		NA
Carolinas Medical Center (S)	7	Mecklenburg	3	18,619	6,206
CMC-Union Reg. Medical Center (i)	7	Union	1	8,125	8,125
Matthews Radiation Oncology	7	Mecklenburg	1	12,704	12,704
Presbyterian Hospital	7	Mecklenburg	4	12,341	3,085
University Radiation Oncology	7	Mecklenburg	1	6,956	6,956
Iredell Memorial	8	Iredell	2	5,862	2,931
Lake Norman Radiation Oncology Center	8	Iredell	1	8,617	8,617
Rowan Regional Medical Center	8	Rowan	1	5,785	5,785
CMC-NorthEast Medical Center	9	Cabarrus	2	13,712	6,856
Stanly Regional Medical Center	9	Stanly	1	3,846	3,846
Forsyth Memorial Hospital	10	Forsyth	4	26,944	6,736
Hugh Chatham Memorial Hospital (d)	10	Surry	1	5,260	5,260
N. C. Baptist Hospitals (S)	10	Forsyth	4	17,688	4,422
Cancer Center of Davidson County (o)	11	Davidson	1	NA	NA
High Point Regional Health System	12	Guilford	2	10,090	5,045
Morehead Memorial Hospital	12	Rockingham	1	4,474	4,474
Moses Cone Health System	12	Guilford	4	26,998	6,749
Randolph Cancer Center (m)	13	Randolph	1	NA	NA
UNC Hospitals (S)	14	Orange	4	22,414	5,603
Alamance Regional Medical Center (j)	15	Alamance	2	9,700	4,850
Duke University Hospital (S)	16	Durham	5	37,245	7,449
Durham Regional Hospital	16	Durham	1	2,766	2,766
Maria Parham Hospital (e)	16	Vance	1	5,773	5,773
FirstHealth Moore Regional	17	Moore	2	19,550	9,775
Scotland Memorial Hospital (l)	17	Scotland	1	4,917	4,917
Cape Fear Valley Medical Center (a)	18	Cumberland	4	21,340	5,335

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Southeastern Regional Medical Center	18	Robeson	1	6,705	6,705
Sampson Regional Medical Center	18	Sampson	1	2,365	2,365
2008 SMFP Need Determination	18		1		
New Hanover Radiation Oncology	19	New Hanover	2	23,613	11,807
New Hanover Regional Med Ctr	19	New Hanover	1	7,186	7,186
South Atlantic Radiation Oncology, LLC (c)	19	Brunswick	1	3,694	3,694
2007 SMFP Need Determination	20		1		
Raleigh Hematology Oncology Associates dba Cancer Centers of NC	20	Wake	1	11,277	11,277
Duke Health Raleigh Hospital	20	Wake	1	7,566	7,566
Rex Hospital	20	Wake	4	16,970	4,242
Wake Radiology / Oncology Services	20	Wake	1	6,216	6,216
Rex Healthcare (Smithfield Radiation Oncology)	21	Johnston	1	3,706	3,706
Johnston Memorial Hospital Authority (t)	21	Johnston	1	NR	NR
Lenoir Memorial	22	Lenoir	1	6,911	6,911
Goldsboro Radiation Therapy Services dba Wayne Radiation Oncology Center	22	Wayne	1	5,955	5,955
Carteret General (g)	23	Carteret	1	4,162	4,162
Craven Regional Med Ctr	23	Craven	2	12,771	6,386
Onslow Radiation Oncology, LLC	24	Onslow	1	NR	NR
Nash Day Hospital	25	Nash	2	8,183	4,091
Roanoke Valley Cancer Center	25	Halifax	1	3,844	3,844
Wilson Medical Center	25	Wilson	1	4,526	4,526
Ahoskie Cancer Center	26	Hertford	1	2,048	2,048
NC Radiation Therapy Management Services (prev Carolina Radiation Medicine, P.A.) (f) (S)	26	Pitt	1	7,668	7,668
Pitt County Memorial Hospital (S)	26	Pitt	3	NR	NR
Albemarle Hospital	27	Pasquotank	1	4,696	4,696
Alliance Oncology dba Outer Banks Cancer Center	27	Dare	1	2,323	2,323
TOTALS (70 Facilities)			114	567,056	4,974

- (a) Cape Fear Valley Health System received a CON in May 2004 for one additional linac bringing their total to 4 linacs.
- (b) Mission Hospitals received a CON in September 2004 to initiate CyberKnife linac service; to be operational in October 2005.
- (c) South Atlantic Radiation Oncology received a CON in August 2005 to initiate linac service; operation effective May 2007.
- (d) Hugh Chatham Memorial Hospital became operational in March 2000 with a leased linac from NC Baptist Hospitals.
- (e) Maria Parham Hospital received a CON in July 2001 to lease and install one linac.
- (f) Carolina Radiation Medicine, P.A. became operational in July 1998.
- (g) Carteret General Hospital received a no review in June 1999 to replace a linear accelerator and purchase a simulator.
- (h) Gaston Memorial Hospital received a CON in August 1999 to add one linac; operation projected for April 2001.
- (i) Union Regional Medical Center received a CON in April 2000 to acquire one linac; operation projected for September 2001.
- (j) Alamance Regional Medical Center received a CON in August 2002 to add one linac; operation projected for July 2003.
- (k) Forsyth Medical Center received a CON in August 2002 to add one linac; operational in October 2004.
- (l) Scotland Memorial Hospital became operational in August 2003.
- (m) Randolph Cancer Center received a CON in June 2006 to initiate linac service.
- (n) Pineville Radiation Therapy Center received a CON in June 2007 to initiate linac service.
- (o) Cancer Center of Davidson County, LLC received a CON in July 2007 to initiate linac service.
- (p) East Carolina University Brody School of Medicine (Pitt Memorial) received a CON in December 2007 to replace an existing linear accelerator with a CyberKnife linear accelerator; to be operational June 2008.
- (q) UNC Hospitals received a CON in October 2006 to replace an existing linear accelerator with a CyberKnife linear accelerator; to be operational in April 2007.
- (r) Carolinas Medical Center - NorthEast received a CON in February 2006 to acquire a CyberKnife linear accelerator; to be operational in October 2007.
- (s) Lincoln Radiation Oncology Associates received CON 10/27/08 to acquire existing linear accelerator through ownership transfer from Gaston Memorial Hospital, replace the linear accelerator and relocate to Lincoln Radiation Oncology Center.
- (t) Johnston Memorial Hospital Authority received CON # J-8188-08 on 2/24/09.

CPT Code 77427 - Weekly radiation therapy management. These procedure numbers from Freestanding (fixed non-hospital) Centers were removed from the count for purposes to determine need.

NA - Not Applicable, not in operation for appropriate time frame.

NR - No report

S - Has at least one Linear Accelerator configured for Stereotactic Radiosurgery