

**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) 10/1/2008-9/30/2009	Average # of Procedures per Unit
Murphy Medical Center	1	Cherokee	1*	0	0
Harris Regional Hospital, Inc.	1	Jackson	1	4,338	4,338
NC Radiation Therapy - Franklin	1	Macon	1	633	633
Mission Hospitals (S) (b)	2	Buncombe	3	20,042	6,681
NC Radiation Therapy - Asheville	2	Buncombe	2	7,993	3,997
NC Radiation Therapy - Clyde	2	Haywood	1	4,090	4,090
NC Radiation Therapy - Marion	2	McDowell	1	1,605	1,605
Watauga Hospital	3	Watauga	1	4,169	4,169
Margaret Pardee Mem. Hospital	4	Henderson	1	6,791	6,791
NC Radiation Therapy - Brevard	4	Transylvania	1	2,580	2,580
NC Rad. Therapy - Hendersonville	4	Henderson	1	127	127
Catawba Valley Medical Center	5	Catawba	2	15,372	7,686
Frye Regional Medical Center	5	Catawba	1	689	689
Valdese General	5	Burke	2	6,325	3,163
Caldwell Memorial Hospital, Inc.	5	Caldwell	1	2,651	2,651
Cleveland Regional	6	Cleveland	1	6,217	6,217
Gaston Memorial Hospital (h)	6	Gaston	3	14,110	4,703
Lincoln Radiation Oncology Associates (s)	6	Lincoln	will be transferred	NR	NR
NC Radiation Therapy - Forest City	6	Rutherford	1	4,951	4,951
Pineville Radiation Therapy Center (n)	7	Mecklenburg	1	6,972	6,972
Carolinas Medical Center (S)	7	Mecklenburg	3**	17,268	5,756
CMC-Union Reg. Medical Center ( i )	7	Union	1	7,619	7,619
Matthews Radiation Oncology	7	Mecklenburg	1	11,443	11,443
Presbyterian Hospital	7	Mecklenburg	4	12,688	3,172
University Radiation Oncology	7	Mecklenburg	1	6,271	6,271
Iredell Memorial	8	Iredell	2	7,197	3,599
Lake Norman Radiation Oncology Center	8	Iredell	1	10,680	10,680
Rowan Regional Medical Center	8	Rowan	1	5,396	5,396
CMC-NorthEast Medical Center	9	Cabarrus	2	12,386	6,193
Stanly Regional Medical Center	9	Stanly	1	3,994	3,994
Forsyth Memorial Hospital	10	Forsyth	4	27,566	6,892
Hugh Chatham Memorial Hospital (d)	10	Surry	1	5,777	5,777
N. C. Baptist Hospitals (S)	10	Forsyth	4	18,597	4,649
Cancer Center of Davidson County (o)	11	Davidson	1	NA	NA
High Point Regional Health System	12	Guilford	2	8,442	4,221
Morehead Memorial Hospital	12	Rockingham	1	5,811	5,811
Moses Cone Health System	12	Guilford	4	24,654	6,164
Randolph Cancer Center (m)	13	Randolph	1	3,803	3,803
UNC Hospitals (S)	14	Orange	4	25,953	6,488
Alamance Regional Medical Center (j)	15	Alamance	2	9,592	4,796
Duke University Hospital (S)	16	Durham	5	34,575	6,915
Durham Regional Hospital	16	Durham	1	3,924	3,924
Maria Parham Hospital (e)	16	Vance	1	5,444	5,444
FirstHealth Moore Regional	17	Moore	2	18,953	9,477
Scotland Memorial Hospital ( l )	17	Scotland	1	4,943	4,943
Cape Fear Valley Medical Center (a)	18	Cumberland	5	18,220	3,644

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Southeastern Regional Medical Center ( v )	18	Robeson	1	7,404	7,404
Sampson Regional Medical Center	18	Sampson	1	2,519	2,519
New Hanover Radiation Oncology	19	New Hanover	2	21,634	10,817
New Hanover Regional Med Center	19	New Hanover	1	6,954	6,954
South Atlantic Radiation Oncology, LLC ( c )	19	Brunswick	1	7,640	7,640
Raleigh Hematology Oncology Associates/Cancer Centers of NC (u)	20	Wake	2	11,923	5,962
Duke Health Raleigh Hospital	20	Wake	1	6,304	6,304
Rex Hospital	20	Wake	4	16,932	4,233
Wake Radiology / Oncology Services	20	Wake	1	4,718	4,718
Rex Healthcare (Smithfield Radiation Oncology)	21	Johnston	1	2,432	2,432
Johnston Memorial Hospital Authority (t)	21	Johnston	1	NR	NR
Lenoir Memorial	22	Lenoir	1	5,860	5,860
Goldsboro Radiation Therapy Services dba Wayne Radiation Oncology Center	22	Wayne	1	4,799	4,799
Carteret General Hospital (g)	23	Carteret	1	119	119
CarolinaEast Medical Center	23	Craven	2	12,036	6,018
Onslow Radiation Oncology, LLC	24	Onslow	1	NR	NR
Nash Day Hospital	25	Nash	2	8,491	4,246
Roanoke Valley Cancer Center	25	Halifax	1	3,996	3,996
Wilson Medical Center	25	Wilson	1	5,178	5,178
Beaufort County Hospital	26	Beaufort	1	4,308	4,308
Ahoskie Cancer Center	26	Hertford	1	1,758	1,758
NC Radiation Therapy Management Services (prev Carolina Radiation Medicine, P.A.) (f) (S)	26	Pitt	1	8,228	8,228
ECU Brody School of Medicine (S)	26	Pitt	3	18,786	6,262
Albemarle Hospital	27	Pasquotank	1	5,276	5,276
Alliance Oncology dba Outer Banks Cancer Center	27	Dare	1	2,049	2,049
<b>TOTALS (71 Facilities)</b>			<b>116</b>	<b>590,195</b>	<b>5,088</b>

\* Murphy Medical Center stopped operating, and decommissioned, this linear accelerator on May 20, 2009.

\*\* CMC will move one linear accelerator to CMC-Union per CON F-007525-06

(a) Cape Fear Valley Health System received a CON in May 2004 for the fourth linac, and a CON on 12/18/2009 for the fifth linac, which will be a CyberKnife.

(b) Mission Hospitals received a CON in September 2004 to initiate CyberKnife linac service; 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. Also received a no-review for a replacement linac in 2009.

(h) Gaston Memorial Hospital received a CON in August 1999 to add one linac.

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footnotes, continued:

- ( i ) Union Regional Medical Center received a CON in April 2000 to acquire one linac.
  - ( j ) Alamance Regional Medical Center received a CON in August 2002 to add one linac.
  - ( 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.
  - ( q ) UNC Hospitals received a CON in October 2006 to replace an existing linear accelerator with a CyberKnife linear accelerator.
  - ( r ) Carolinas Medical Center - NorthEast received a CON in February 2006 to acquire a CyberKnife linear accelerator.
  - ( 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.
  
  - ( u ) Raleigh Hematology Oncology Associates, PC d/b/a Cancer Centers of NC received CON #J-007941-07 in July 2009 for a second linear accelerator.
  - ( v ) Southeastern Regional Medical Center received CON #N-004919-93 on 2/2/94.
- NA - Not Applicable, not in operation for appropriate time frame.  
 NR - No report  
 S - Has at least one Linear Accelerator configured for Stereotactic Radiosurgery