

**Table 9E: Hospital and Free-Standing Linear Accelerators  
and Radiation Oncology Procedures  
North Carolina Proposed 2009 State Medical Facilities Plan**

Facility Name	Service Area #	County	LIN ACC	PROCEDURES (ESTVs)	
				2006-2007	Average per Unit
Harris Regional Hospital, Inc.-Mtn Trace	1	Jackson	1	4,315	4,315
NC Radiation Therapy - Franklin	1	Macon	1	2,266	2,266
Mission Hospitals (S) (b)	2	Buncombe	3	19,884	6,628
NC Radiation Therapy - Asheville	2	Buncombe	2	9,647	4,824
NC Radiation Therapy - Clyde	2	Haywood	1	4,136	4,136
NC Radiation Therapy - Marion	2	McDowell	1	2,412	2,412
Watauga Hospital	3	Watauga	1	6,161	6,161
Margaret Pardee Mem. Hospital	4	Henderson	1	8,712	8,712
NC Radiation Therapy - Brevard	4	Transylvania	1	1,668	1,668
NC Rad. Therapy - Hendersonville	4	Henderson	1	332	332
Catawba Valley Medical Center	5	Catawba	2	15,703	7,852
Frye Regional Medical Center	5	Catawba	1	NA	NA
Grace Hospital, Inc.	5	Burke	1	NR	NR
Valdese General	5	Burke	1	5,615	5,615
Caldwell Memorial Hospital, Inc.	5	Caldwell	1	2,559	2,559
Cleveland Regional	6	Cleveland	1	6,496	6,496
Gaston Memorial Hospital (h)	6	Gaston	3	14,484	4,828
NC Radiation Therapy - Forest City	6	Rutherford	1	4,196	4,196
Pineville Radiation Therapy Center (n)	7	Mecklenburg	1	NA	NA
Carolinas Medical Center (S)	7	Mecklenburg	3	17,280	5,760
CMC-Union Reg. Medical Center ( i )	7	Union	1	8,395	8,395
Matthews Radiation Oncology	7	Mecklenburg	1	10,482	10,482
Presbyterian Hospital	7	Mecklenburg	4	15,722	3,931
University Radiation Oncology	7	Mecklenburg	1	7,335	7,335
Iredell Memorial	8	Iredell	2	8,309	4,155
Lake Norman Radiation Oncology Center	8	Iredell	1	8,688	8,688
Rowan Regional Medical Center	8	Rowan	1	6,697	6,697
NorthEast Medical Center	9	Cabarrus	2	12,839	6,420
Stanly Regional Medical Center	9	Stanly	1	4,981	4,981
Forsyth Memorial Hospital	10	Forsyth	4	26,633	6,658
Hugh Chatham Memorial Hospital (d)	10	Surry	1	3,802	3,802
N. C. Baptist Hospitals (S)	10	Forsyth	4	19,359	4,840
Cancer Center of Davidson County (o)	11	Davidson	1	NA	NA
High Point Regional Health System	12	Guilford	2	9,011	4,506
Morehead Memorial Hospital	12	Rockingham	1	5,845	5,845
Moses Cone Health System	12	Guilford	4	28,589	7,147
Randolph Cancer Center (m)	13	Randolph	1	NA	NA
UNC Hospitals (S)	14	Orange	4	24,569	6,142
Alamance Regional Medical Center (j)	15	Alamance	2	11,005	5,503
Duke University Hospital (S)	16	Durham	5	37,067	7,413
Durham Regional Hospital	16	Durham	1	5,335	5,335
Maria Parham Hospital (e)	16	Vance	1	3,045	3,045

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FirstHealth Moore Regional	17	Moore	2	24,577	12,289
Scotland Memorial Hospital (1)	17	Scotland	1	5,333	5,333
Cape Fear Valley Medical Center (a)	18	Cumberland	4	27,572	6,893
Southeastern Regional Medical Center	18	Robeson	1	8,390	8,390
Sampson Regional Medical Center	18	Sampson	1	1,710	1,710
2008 SMFP Need Determination	18		1		
New Hanover Radiation Oncology	19	New Hanover	2	24,737	12,369
New Hanover Regional Med Ctr	19	New Hanover	1	8,388	8,388
South Atlantic Radiation Oncology, LLC (c)	19	Brunswick	1	NA	0
2007 SMFP Need Determination	20		1		
Cancer Centers of NC - Raleigh Hematology	20	Wake	1	10,062	10,062
Duke Raleigh Hospital	20	Wake	1	6,923	6,923
Rex Hospital	20	Wake	4	18,838	4,710
Wake Radiology / Oncology Services	20	Wake	1	5,597	5,597
Smithfield Radiation Oncology LLC	21	Johnston	1	3,053	3,053
2006 SMFP Need Determination	21	Johnston	1		
Lenoir Memorial	22	Lenoir	1	7,267	7,267
Wayne Radiation Oncology Center	22	Wayne	1	5,535	5,535
Carteret General (g)	23	Carteret	1	3,750	3,750
Craven Regional Med Ctr	23	Craven	2	13,590	6,795
Onslow Radiation Oncology, LLC ("ORO") and Onslow County Hospital Authority	24	Onslow	1		
Nash Day Hospital	25	Nash	2	8,194	4,097
Roanoke Valley Cancer Center	25	Halifax	1	3,578	3,578
Wilson Memorial Hospital	25	Wilson	1	5,525	5,525
Ahoskie Cancer Center	26	Hertford	1	2,679	2,679
Carolina Radiation Medicine, P.A. (f) (S)	26	Pitt	1	8,711	8,711
Pitt County Memorial Hospital (S)	26	Pitt	3	18,097	6,032
Albemarle Hospital	27	Pasquotank	1	3,666	3,666
Outer Banks Cancer Center	27	Dare	1	3,643	3,643
<b>TOTALS (67 Facilities)</b>			<b>114</b>	<b>612,989</b>	<b>5,377</b>

Table 9E Footnotes for linear accelerators:

- (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.

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