

Table 9L: PET Scanner Utilization of Existing Fixed Dedicated Scanners

Center	2012-2013	2013-2014	2014-2015	2015-2016	HSA	Inventory	Utilization Rate	Determination by Criteria-80% of Present Capacity
							2016 Procedures / 3000 as Capacity	
Mission Hospital (f)	1,819	1,808	1,982	1,994	I	1	66.47%	0
Catawba Valley Medical Center / Frye Regional Medical Center (j)	1,027	989	1,054	1,094	I	1	36.47%	0
N.C. Baptist Hospital (x)	1,957	1,967	2,017	2,384	II	2	39.73%	0
Cone Health (o)	1,612	1,463	1,693	1,744	II	1	58.13%	0
Novant Health Forsyth Medical Center (p)(y)	2,560	2,518	2,726	3,025	II	2	50.42%	0
High Point Regional Health (r)	583	592	639	649	II	1	21.63%	0
Alamance Regional Medical Center (u)	724	780	631	695	II	1	23.17%	0
Carolinas Medical Center (a), (k)	3,101	3,483	3,593	4,175	III	2	69.58%	0
Carolinas Medical Center - Union (w)	301	349	446	519	III	1	17.30%	0
CaroMont Regional Medical Center/CIS Summit (m)	692	732	707	833	III	1	27.77%	0
Carolinas Medical Center - NorthEast (n)	932	972	995	1,039	III	1	34.63%	0
Novant Health Presbyterian Medical Center(q)	1,483	1,619	1,970	1,838	III	1	61.27%	0
Iredell Memorial Hospital (t)	379	408	408	450	III	1	15.00%	0
Duke University Hospital (d)	4,447	4,084	4,220	4,643	IV	2	77.38%	0
UNC Hospitals (b)	3,255	2,142	2,775	2,968	IV	2	49.47%	0
Rex Hospital (e)	1,857	1,918	2,085	2,231	IV	1	74.37%	0
Wake PET Services, Wake Radiology Oncology, Wake Radiology (s)	635	544	465	518	IV	1	17.27%	0
2017 Fixed PET Need Determination	-	-	-	-	IV	1	-	-
New Hanover Regional Medical Center (g)	1,464	1,543	1,691	1,847	V	1	61.57%	0
Cape Fear Valley Medical Center (h)	1,047	882	1,023	986	V	1	32.87%	0
First Imaging of the Carolinas (i)	973	885	1,023	1,005	V	1	33.50%	0
Vidant Medical Center (c)	1,683	1,573	1,895	2,044	VI	1	68.13%	0
CarolinaEast Medical Center (1)	582	672	776	815	VI	1	27.17%	0
Nash General Hospital (v)	440	458	344	351	VI	1	11.70%	0
TOTAL	33,553	32,381	35,158	37,847		29	43.50%	0

- (a) Approved for additional scanner in November 2001.
- (b) Approved for scanner in June 2000 and additional scanner under Policy AC-3 in November 2005.
- (c) Approved for scanner in August 2001.
- (d) Approved for additional scanner under Policy AC-3 in September 2002.
- (e) Approved for scanner in September 2002.
- (f) Approved for scanner in January 2003.
- (g) Operational in October 2004.
- (h) Approved for scanner in August 2003. Different method used for counting procedures in 2008.
- (i) Approved for scanner in December 2004.
- (j) Approved for scanner in July 2003.
- (k) Approved for replacement of a scanner in June 2003.

- (l) Approved for scanner in October 2003.
- (m) Approved for scanner in December 2003.
- (n) Approved for scanner in December 2003.
- (o) Operational in October 2004.
- (p) Approved for scanners in June 2004 and November 2008.
- (q) Approved for scanner in June 2004.
- (r) Approved for scanner in January 2005.
- (s) Approved for scanner in November 2005.
- (t) Approved for scanner in January 2007.
- (u) Approved for scanner in April 2007.
- (v) Approved for scanner in May 2007.
- (w) Approved for scanner in April 2009.
- (x) Approved for scanner in April 2014
- (y) Approved to convert one fixed scanner to mobile scanner per Policy TE-1 in 2015.

Table 9M(1): PET Scanner Provider of Mobile Dedicated Scanners

Mobile Provider	Procedures	Utilization Rate
		Year 2015-2016 Procedures 2600 as Capacity
Alliance Imaging I	3,508	135%
Alliance Imaging II	3,651	140%
TOTAL	7,159	

Table 9M(2): PET Scanner Sites Utilization of Existing Mobile Dedicated Scanners

Mobile Site	Mobile Provider	Number of Sites	Procedures			
			2012-2013	2013-2014	2014-2015	2015-2016
Sentara Albemarle Medical Center	Alliance II	1	239	186	158	157
Caldwell Memorial Hospital	Alliance I	1	139	96	79	70
Carteret General Hospital	Alliance II	1	226	248	230	342
Carolinas HealthCare System - Cleveland	Alliance I	1	501	575	685	753
Carolinas HealthCare System - Blue Ridge	Alliance I	2	113	228	241	257
Cone Health	Alliance I	1	61	29	0	0
Duke Raleigh Hospital	Alliance II	1	545	493	675	951
Johnston Health	Alliance II	1	197	180	203	200
Lake Norman Regional Medical Center	Alliance I	1	198	198	167	198
Lenoir Memorial Hospital	Alliance II	1	170	154	169	148
Maria Parham Medical Center	Alliance II	1	0	56	160	88
Margaret R Pardee Memorial Hospital	Alliance I	1	166	164	172	191
Harris Regional Hospital	Alliance I	1	292	296	305	283
Northern Hospital of Surry County	Alliance I	1	87	96	117	117
Novant Health Huntersville Medical Center	Alliance I	1	197	218	232	297
Novant Health Matthews Medical Center	Alliance I	1	134	119	119	145
Novant Health Rowan Medical Center	Alliance I	1	216	239	232	236
Novant Health Thomasville Medical Center	Alliance I	1	97	85	68	87
Onslow Memorial Hospital	Alliance II	1	240	293	363	467
Park Ridge Health	Alliance I	1	126	143	124	133
Randolph Hospital	Alliance I	1	120	146	179	151
Rutherford Regional Medical Center	Alliance I	1	127	122	134	134
Scotland Memorial Hospital	Alliance II	1	149	164	163	101
Southeastern Regional Medical Center	Alliance II	1	257	273	271	264
Carolinas Healthcare System- Stanly	Alliance I	1	144	119	173	230
The Outer Banks Hospital	Alliance II	1	114	116	117	141
Valdese Hospital (Closed as of 12/12)*	Alliance I	0	119	0	0	0
Watauga Medical Center	Alliance I	1	96	160	210	226
Wayne Memorial Hospital	Alliance II	1	332	303	329	348
Wilson Medical Center	Alliance II	1	389	371	430	444
TOTAL		30	5,791	5,870	6,505	7,159