

Technology and Equipment Committee Report

**Lithotripsy
Material**

For the Proposed 2009 SMFP

**For the
N.C. State Health Coordinating Council Meeting**

On

May 28, 2008

**Need Determination
Related to Lithotripsy
Using the Present Methodology**

The annual treatment capacity of a lithotripter is estimated at between 1,000 and 1,500 procedures. The maximum number of lithotripters needed in the state would be 12 based on the 11,785 procedures reported in 2007 as reflected in Table 9C and with capacity defined as 1,000 procedures per lithotripter.

There are 14 lithotripters in the state including the new CON-approved lithotripter that was not operational in the reporting period. As a result, it is determined that there is no need for additional lithotripters anywhere else in the state.

Table 9A: Mobile Lithotripsy Providers and Locations Served

(From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)

Proposed 2009 SMFP

<i>provider:</i> Carolina Lithotripsy, LTD. <i>address:</i> 2014 Litho Place <i>city/zip:</i> Fayetteville, NC 28304 <i>machines:</i> 2 <i>purchased or replaced:</i> 10/2000, 11/2001		<i>Area Generally Served:</i> Eastern NC		
		<i>Facility</i>	<i>Location</i>	<i>Procedures</i>
	Duke Health Raleigh Hospital	Raleigh, NC	9	
	Southeastern Regional	Lumberton, NC	75	
	Beaufort County Hospital	Washington, NC	59	
	Pitt Co. Memorial Hospital	Greenville, NC	100	
	Craven Regional Medical	New Bern, NC	75	
	Wayne Memorial Hospital	Goldsboro, NC	48	
	Heritage Hospital	Tarboro, NC	0	
	Lenoir Memorial Hospital	Kinston, NC	48	
	Sampson Regional Medical	Clinton, NC	0	
	New Hanover Regional	Wilmington, NC	241	
	Johnston Memorial Hospital	Smithfield, NC	108	
	Halifax Memorial Hospital	Roanoke Rapids, NC	45	
	Columbus County Hospital	Whiteville, NC	119	
	Richmond Memorial Hospital	Rockingham, NC	42	
	Cape Fear Valley Medical Cen.	Fayetteville, NC	0	
	Carteret General Hospital	Morehead City, NC	29	
	Wilson Medical Center	Wilson, NC	61	
	Onslow Memorial	Jacksonville, NC	41	
	Carteret Surgery Center	Morehead City, NC	22	
	Highsmith Rainey	Fayetteville, NC	191	
	First Health of the Carolinas	Pinehurst, NC	181	
	Rex Healthcare	Raleigh, NC	106	
	Wake Medical Center	Raleigh, NC	63	
	Dosher Memorial Hospital	Southpoint, NC	62	
	Total Number of Procedures		1725	
	Average Number of Procedures per Lithotripter		863	
<i>provider:</i> Carolina's Mobile Lithotripsy Servi <i>address:</i> 810 Fairgrove Church Road <i>city/zip:</i> Hickory, NC 28602 <i>machines:</i> 2 <i>purchased or replaced:</i> 3/2002, 3/2002		<i>Area Generally Served:</i> Western and Central NC		
		<i>Facility</i>	<i>Location</i>	<i>Procedures</i>
	Catawba Valley Medical Center	Hickory, NC	142	
	Frye Regional Medical Cen.	Hickory, NC	111	
	Grace Hospital	Morganton, NC	43	
	Haywood Regional Hospital	Clyde, NC	135	
	Rutherford Hospital	Rutherfordton, NC	78	
	Scotland Memorial Hospital	Laurinburg, NC	135	
	Harris Regional Hospital	Sylva, NC	119	
	Angel Medical	Franklin, NC	3	
	Valdese Hospital	Valdese, NC	47	
	Murphy Medical Center	Murphy, NC	78	
	Total Number of Procedures		891	
	Average Number of Procedures per Lithotripter		446	

Table 9A: Mobile Lithotripsy Providers and Locations Served
 (From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)
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Areas Generally Served: Western & Central NC and Virginia

		<i>Facility</i>	<i>Location</i>	<i>Procedures</i>
<i>provider:</i> Piedmont Stone Center <i>address:</i> 1907 S. Hawthorne Road <i>city/zip:</i> Winston Salem, NC 27103 <i>machines:</i> 4 <i>purchased or replaced:</i> 3/2002, 4/2003, 4/2003; 9/89, 4/90, 2/95 initial		Randolph Hospital	Asheboro, NC	123
		Watauga Hospital	Boone, NC	143
		Alamance Regional Med. Cen.	Burlington, NC	220
		Davis Regional	Statesville, NC	32
		Morehead Memorial Hospital	Eden, NC	247
		Maria Parham Hospital	Henderson, NC	93
		Iredell Memorial Hospital	Statesville, NC	91
		Caldwell Memorial	Lenoir, NC	50
		Wilkes Regional Medical Cen.	N. Wilkesboro, NC	100
		Annie Penn Memorial Hos.	Reidsville, NC	31
		Piedmont Stone Center	Winston Salem, NC	750
		Forsyth Memorial	Winston Salem, NC	106
		NC Baptist Hospital	Winston Salem, NC	10
		High Point Regional	High Point, NC	533
		Northern Hosp. of Surry Co.	Elkin, NC	61
		Wesley Long Hospital	Greensboro, NC	412
		Rowan Regional	Salisbury, NC	191
		Lexington Memorial Hospital	Lexington, NC	55
	Lynchburg General	Lynchburg, VA	180	
	Martha Jefferson Hospital	Charlottesville, VA	139	
	New River Valley	Blacksburg, VA	80	
	Twin County Regional	Galax, VA	50	
	Wythe County Community	Wytheville, VA	33	
	Piedmont Day Surgery	Danville, VA	87	
	Total Number of Procedures		3817	
	Average Number of Procedures per Lithotripter		954	

(yellow highlights indicate out of state)

Table 9A: Mobile Lithotripsy Providers and Locations Served
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<i>Area Served: Western and Central NC</i>			
	<i>Facility</i>	<i>Location</i>	<i>Procedures</i>
<i>provider:</i> The Stone Institute, L.L.C.	Carolinas Medical Center	Charlotte, NC	392
<i>address:</i> P.O. Box 4509	Cleveland Regional Med. Cen.	Shelby, NC	115
<i>city/zip:</i> Davidson, NC 28036	Gaston Memorial Hospital	Gastonia, NC	228
<i>machines:</i> 1 operational	Lake Norman Reg. Med. Cen.	Mooresville, NC	86
Received CON for 1 effective 10-12-2007	CMC-Northeast Medical Center	Concord, NC	284
<i>purchased or replaced:</i>	Lincoln Medical Center	Lincolnton, NC	70
04/2004, 1991	Kings Mountain	Kings Mountain, NC	0
	Presbyterian Orthopaedic Hos.	Charlotte, NC	351
	CMC-University	Charlotte, NC	67
	Stanly Memorial Hospital	Albemarle, NC	60
	Union Regional Medical Cen.	Monroe, NC	79
	Springs Memorial Hospital	Lancaster, SC	70
	Piedmont Medical Center	Rock Hill, SC	282
	Total Number of Procedures		2084
	Average Number of Procedures per Lithotripter		2084
<i>Area Served: East Central NC</i>			
	<i>Facility</i>	<i>Location</i>	<i>Procedures</i>
<i>provider:</i> Triangle Lithotripsy Corp.	Rex Hospital	Raleigh, NC	399
<i>address:</i> 7003 Chadwick Dr. Suite 321	Central Carolina Medical Cen.	Sanford, NC	105
<i>city/zip:</i> Brentwood, TN 37027	Nash Day Hospital	Rocky Mount, NC	138
<i>machines:</i> 1	WakeMed / W. Wake Hosp	Raleigh, NC	255
<i>purchased or replaced:</i>	Durham Regional/Amb. Surg.	Durham, NC	258
10/2002, 6/90	Wayne Memorial	Goldsboro, NC	80
	Total Number of Procedures		1235
	Average Number of Procedures per Lithotripter		1235
<i>(yellow highlights indicate out of state)</i>			