

Technology and Equipment Committee

PET Scanner

Material Presented by

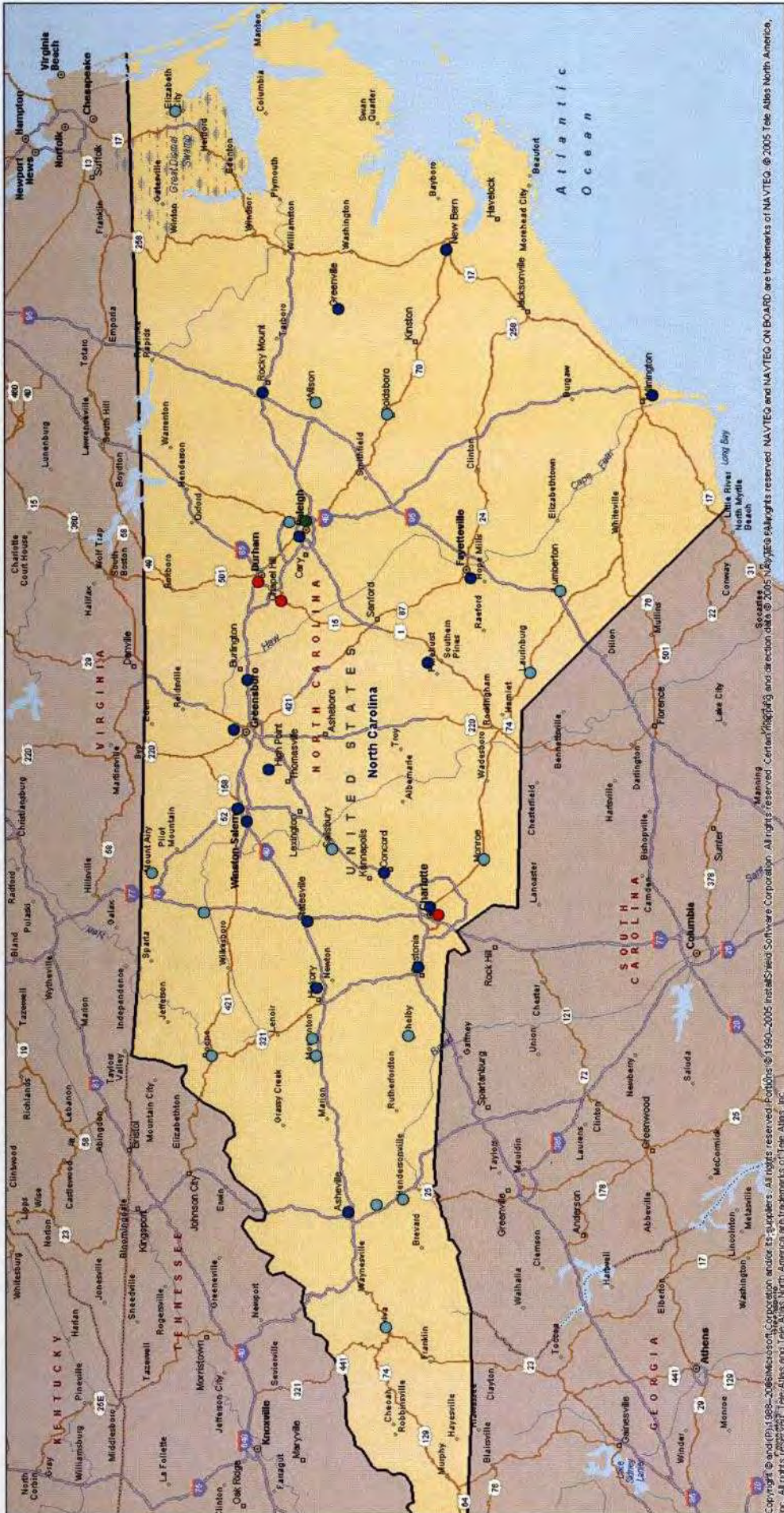
Novant Health, Inc.

**At the PET Scanner
Discussion Group Meeting**

on

April 9, 2008

North Carolina PET Scanner Locations



- 2 Fixed PET Scanners
- 1 Fixed PET Scanners
- Mobile PET Scanners
- Freestanding Fixed PET Scanner (Not yet operational)

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52 Weeks Per Year

Hrs/Day	Hrs/Year	Scans/Day	Time/Scan in Minutes	Days/Yr	Downtime, Last Minute Scheduling, Calibration, Maintenance	Capacity Scans/Yr	Planning Threshold	Scans/Yr at Planning Threshold
A	$B = A \times 5 \times 52$	C	$D = B / A \times 60$	$E = 5 \text{ days per } / 52 \text{ wks}$	F	$G = B \times D - (B \times D \times F)$	$H = \text{Target Occupancy}$	$I = E \times F$
12	3120	18	40	260	5%	4,446	100%	4,446
							80%	3,557
							75%	3,335
							70%	3,112
							65%	2,890
							60%	2,668
12	3120	17	42	260	5%	4,199	100%	4,199
							80%	3,359
							75%	3,149
							70%	2,939
							65%	2,729
							60%	2,519
12	3120	16	45	260	5%	3,952	100%	3,952
							80%	3,162
							75%	2,964
							70%	2,766
							65%	2,569
							60%	2,371
12	3120	15	48	260	5%	3,705	100%	3,705
							80%	2,964
							75%	2,779
							70%	2,594
							65%	2,408
							60%	2,223
12	3120	14	51	260	5%	3,458	100%	3,458
							80%	2,766
							75%	2,594
							70%	2,421
							65%	2,248
							60%	2,075
12	3120	13	55	260	5%	3,211	100%	3,211
							80%	2,569
							75%	2,408
							70%	2,248
							65%	2,087
							60%	1,927
12	3120	12	60	260	5%	2,964	100%	2,964

									80%	2,371
									75%	2,223
									70%	2,075
									65%	1,927
									60%	1,778
									100%	2,717
12	3120	11	65	260			5%	2,717	80%	2,174
									75%	2,038
									70%	1,902
									65%	1,766
									60%	1,630
									100%	2,470
12	3120	10	72	260			5%	2,470	80%	1,976
									75%	1,853
									70%	1,729
									65%	1,606
									60%	1,482