

CT Workgroup

Charge 3 Proposal

Recommendation: Reduce maintenance volume to 5,000 CT equivalents for all services with 1 fixed CT scanner unit.

Rationale:

- 5 days per week equates to approximately 250 days per year
- 8 hour days could produce approximately 13 scans per day
- 13 scans per day, 250 days per year at an average of 2.0 CT equivalents/scan = 6500 CT equivalents per year
- Should expect a service to operate at 80% capacity to account for cancellations, no-shows, patients with complications that extend the scan/prep time, etc.)
- 80% of 6500 = 5000 CT equivalents
- 5,000 CT equivalents equates to approximately 2,500 scans per year or 10 scans per day which would seem sufficient to justify the continued existence of a CT scanner service with 1 CT scanner.