**Section 1250.1620 Need**

a) Criteria #1: What is the projected community need for the service?

b) Standard #1: There should be adequate capability to examine all patients requiring service. The volume of patients requiring examination should not exceed the equipment capability at 100% annual utilization as determined in the following manner.

1) # proce. x time per proce. = % use of equipment

total time equip. is available

A) Total time equipment is available = 55 hours/week x 52 weeks x 60 minutes = 171,600 minutes

B) Scan time as follows per procedure:

i) Head scanner = 53 minutes

ii) Body scanner

Head Scan = 46 minutes

Body Scan = 66 minutes

2) As no accurate method for projecting TCT caseload exists capability will be based on previous year utilization.

c) Data Factors:

1) Number of scanners.

2) Previous year scanning totals by type of scan and type of equipment.

d) Standard #2:

1) Existing TCT equipment should operate at an optimum level of utilization.

2) Optimum utilization shall be defined as a utilization rate of 3,000 procedures annually based upon the HECT weighted allocation formula approach.

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| Annual HECT Volume |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Type of Scan |  | Yearly No. Patients |  | Conversion Factors |  | = HECTS | |
| Head w/o contrast | X |  |  | 1.00 |  | = |  |
| Head w/o contrast | X |  |  | 1.25 |  | = |  |
| Head w/o & w cont. | X |  |  | 1.75 |  | = |  |
| Body w/o contrast | X |  |  | 1.50 |  | = |  |
| Body w/contrast | X |  |  | 1.75 |  | = |  |
| Body w/o & w cont. | X |  |  | 2.75 |  | = |  |
|  |  |  |  | Total |  |  |  |

e) Data Factors: 1. Number of scans performed by type of scan.