Trends in proton therapy in the USA: 2000-2020

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Trends in proton therapy: treatment room type
Trends in proton therapy:
Treatment room types
Trends in proton therapy:
U.S. treatment centers
Number of rooms per center (open rooms)

- 2010: Rooms 1, 2, 3, 4, 5
- 2015: Rooms 1, 2, 3, 4
- 2020: Rooms 1, 2, 3, 4, 5

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Trends in protons: beam type

- Pencil beam
- Double scatter
- Uniform scan

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Proton therapy trends: Pediatrics and CNS tumors

- Central Nervous System Tumors
- Pediatric (Solid Tumors (Up to Age 18))

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Proton therapy trends: disease sites

- Head and Neck
- Breast
- Gastrointestinal Tract
- Lung

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Proton therapy trends

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Trends in protons in the USA, 2000-2020

- **Equipment:**
  - Increase in facilities
  - Increase in gantries
  - Increase in pencil beam

- **Tumor types**
  - Significant increases
    - Head & neck
    - Pediatric
    - CNS
    - Breast
    - Lung
    - Gastrointestinal
  - Slowly increasing
    - Prostate
  - Stable
    - Ocular melanoma
    - Base of skull / skeletal