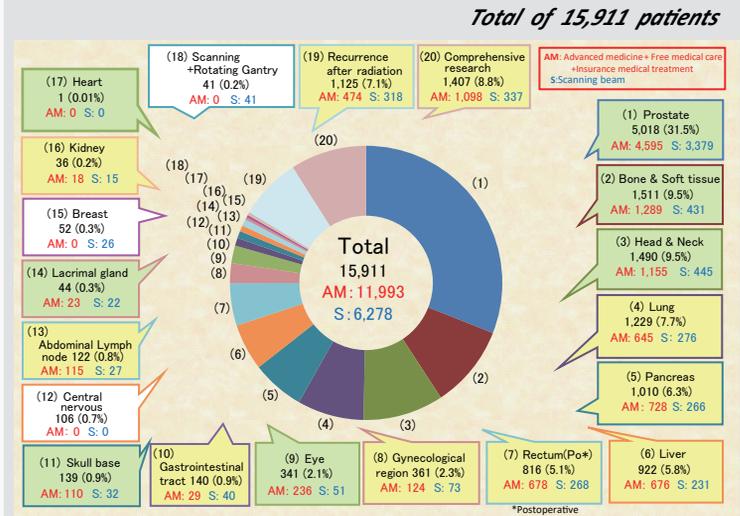
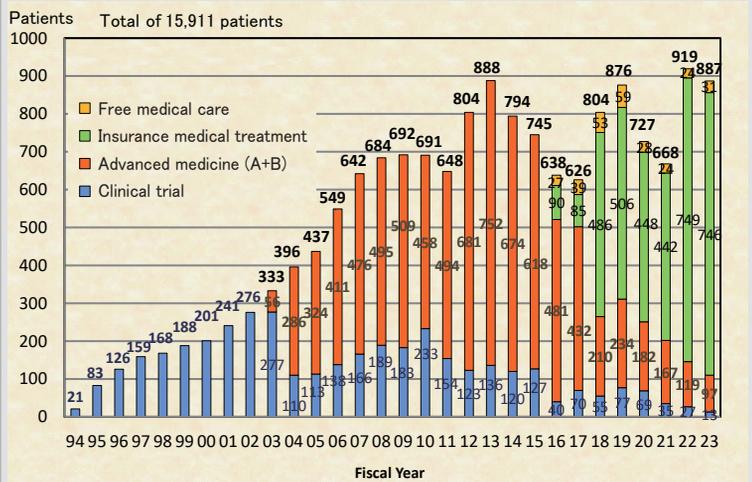


Indications and Treatment Results of Carbon Ion Radiotherapy

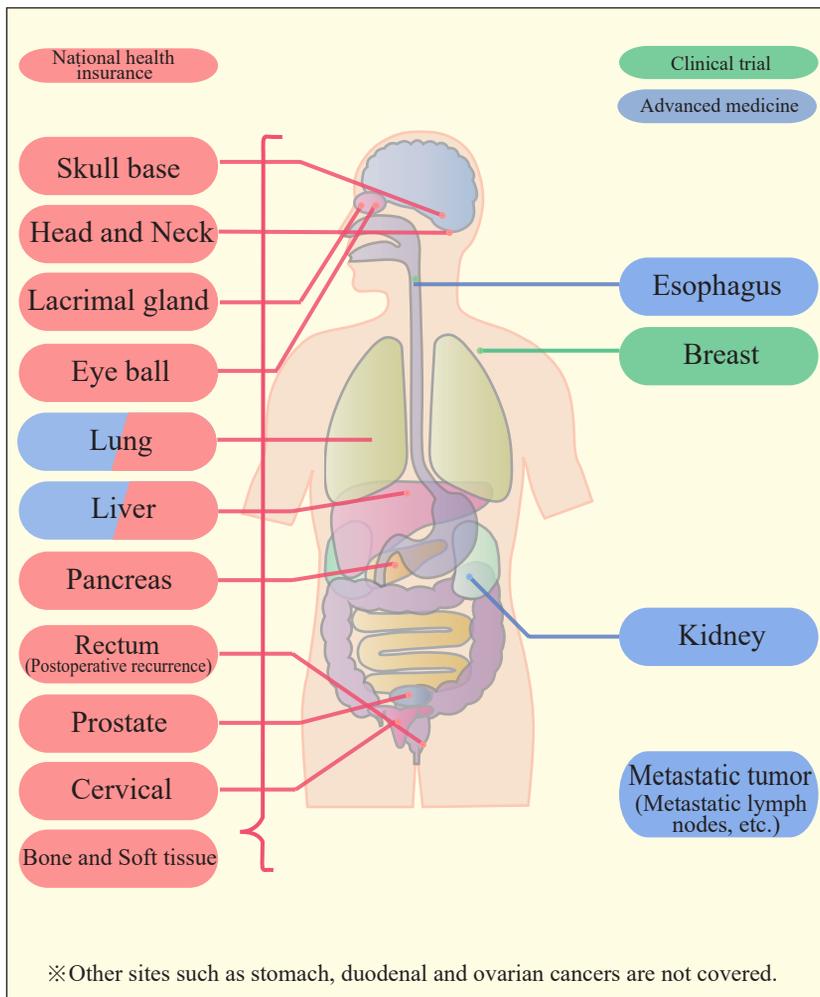
**Number of Patients Treated with Carbon Ion Radiotherapy at QST
(June 1994 to March 2024)**



**Number of Patients Treated with Carbon Ion Radiotherapy at QST
(June 1994 to March 2024)**



Indications for Carbon Ion Radiotherapy



Treatment Duration

• National health insurance

Targets diseases radical surgery is difficult (except prostate cancer)

- **Head and Neck**
 - Nose, Paranasal sinus, Salivary gland ... 4 weeks
 - Lacrimal gland ... 3 weeks
 - Eye ball (Malignant melanoma) ... 1 week
- **Liver** ... 2 days to 3 weeks
- **Pancreas** ... 3 weeks
- **Rectum (Postoperative recurrence)** ... 4 weeks
- **Prostate** ... 3 weeks
- **Uterine Cervical** ... 5 weeks
- **Gynecological malignant melanoma** ... 4 weeks
- **Lung (Stage I-IIA)** ... 1 day to 4 weeks
- **Bone and Soft tissue** ... 4 weeks

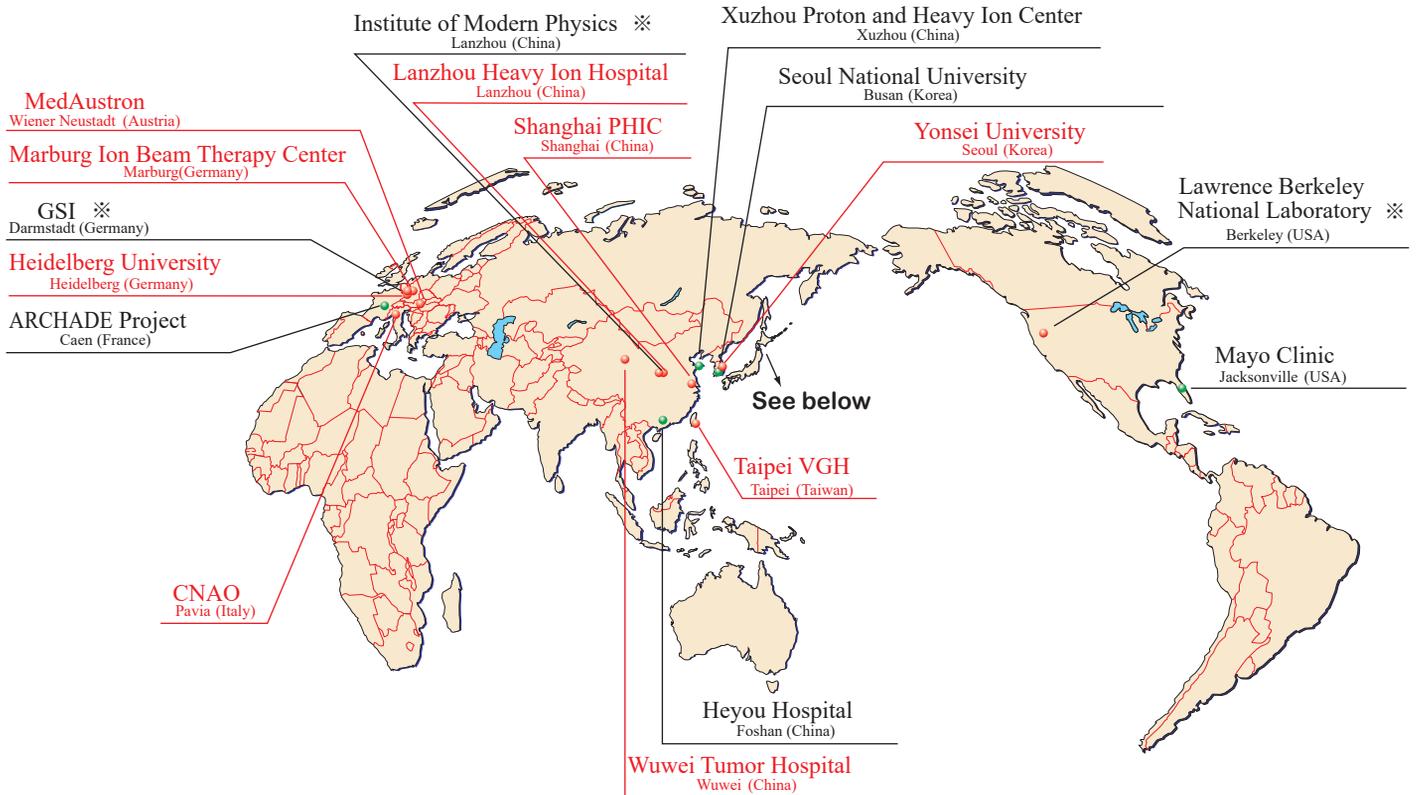
• Advanced medicine

- **Esophagus (Stage I)** ... 3 weeks
- **Lung (Non-small cell type)**
 - Locally advanced ... 4 weeks
 - Early-stage (not covered by insurance) ... 1 day to 4 weeks
- **Kidney** ... 3 weeks
- **Metastatic (Lung, Liver)** ... 1 day to 3 weeks
- **Metastatic lymph nodes** ... 3 weeks to 4 weeks
- **Others specified by the unified policy of the medical society** ... 2 days to 5 weeks

• Clinical trial

- **Esophagus (Stage II/III, Preoperative irradiation)** ... 2 weeks
- **Breast** ... 1 week

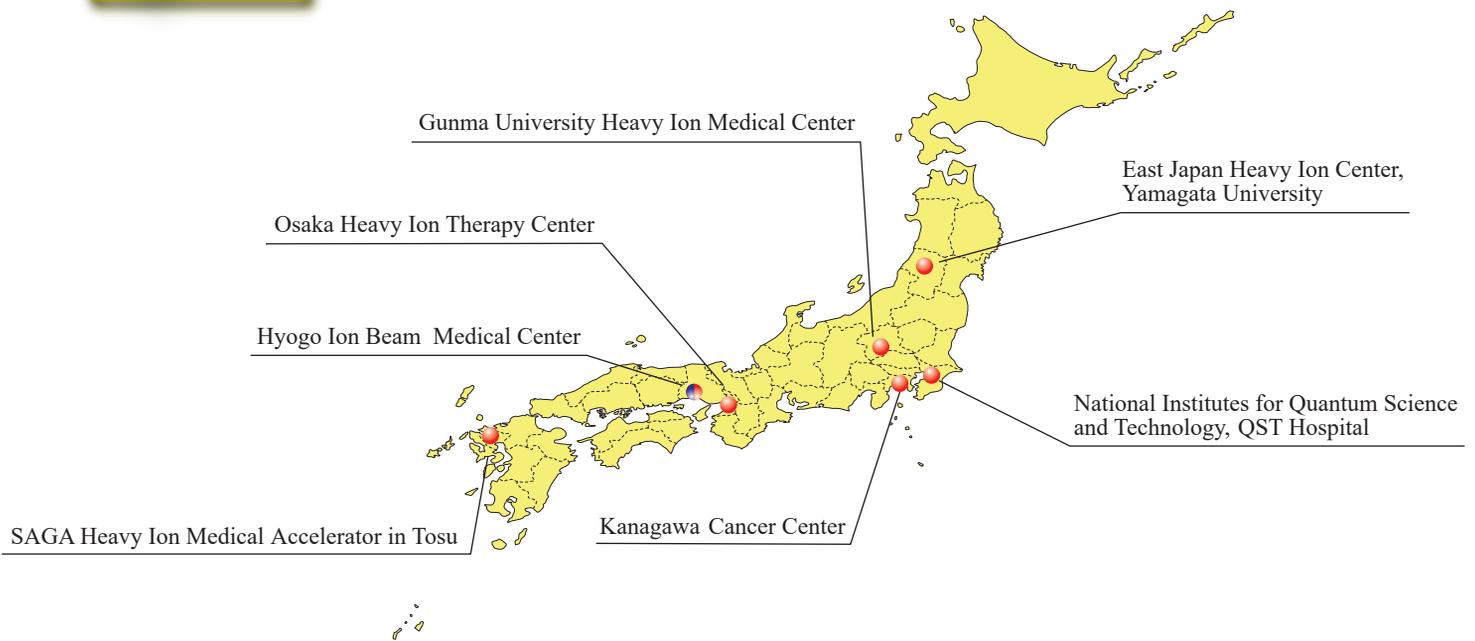
Carbon Ion Radiotherapy Facilities throughout the World



See below

- Carbon Ion Radiotherapy Facility
- Carbon Ion Radiotherapy Facility (in planning stage or under construction)
- ※ Terminated

Japan



National Institutes for Quantum Science and Technology
Institute for Quantum Medical Science