



radiation medicine

QUICK FACTS

OUR CLINICAL ACTIVITY

8287
consultations

10,616
radiation treatment courses

400
patients treated daily

OUR IMPACT



RESEARCH
productivity

\$41M annual peer-reviewed funding
228 peer-reviewed publications
186 prospective research protocols
10.5% new patients accrued to prospective clinical research studies



CLINICAL
highlights

QuickStart Program
same-day radiotherapy start for early-stage breast cancer patients

Head & Neck Cancer Survivorship Program
care and support from diagnosis, treatment to long-term follow up for HNC patients



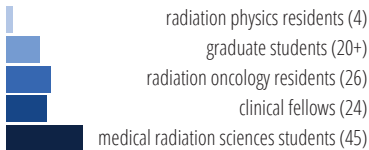
EDUCATION
outreach

Accelerated Education Program
Interdisciplinary education **rounds & seminars**
Personalized Learning Program
International **Observership Program**

OUR TEAM



STAFF



TRAINEES

Did you know?

RMP is the world's largest single-site radiation medicine program

RMP conducts peer review QA for all sites & supports a robust incident learning system, ensuring a high level of patient safety

RMP delivers daily IGRT for all cancer patients

OUR FACILITY

Treatment PLANNING



- 4 CT Simulators
- Dedicated MR & PET imaging
- Pinnacle Treatment Planning System (v9.8)
- RayStation Treatment Planning System (v4.7)
- Brachytherapy planning systems: Oncentra, BrachyVision, VariSeed
- GammaPlan Planning System (v10.1)

Treatment DELIVERY



- 16 Linear Accelerators (all VMAT, IMRT & CBCT enabled, dual energy, MLC)
- 2 Gamma Knife Perfexion units
- 1 Orthovoltage/Superficial X-ray unit
- Brachytherapy: HDR (GYN, Lung, Esophagus, Prostate), LDR (Prostate) and Manual (Eye)

Clinical SYSTEMS

- Radiation therapy electronic medical record (Mosaik v2.6)
- Real-time department-wide QA/QC status system (AQUA)
- Dose reconstruction system (RayStation)
- RMP eBooking (order entry & workflow system)
- Web Publishing (treatment plan review & approval system)

MRgRT

RMP's new **Magnetic Resonance guided Radiation Therapy Facility** equipped with TrueBeam Linear Accelerator, IMRIS 1.5T MR, Elekta HDR

OUR PRACTICE

Multidisciplinary SUPER TEAM Model



- Team 1: Head & Neck, Endocrine, Skin, Eye
- Team 2: Lung, Breast, Upper Gastrointestinal (GI)
- Team 3: Genitourinary, Gynecologic (GYN), Lower GI
- Team 4: Central Nervous System, Lymphoma, Leukemia, Sarcoma, Pediatrics, Palliative

- Palliative Radiation Oncology Program (PROP)
- Oligometastases Program
- Pediatric Radiation Therapy Program (collaboration with SickKids Hospital)
- Image-Guided Brachytherapy Program
- Stereotactic Radiation Therapy Program
- Gamma Knife Radiosurgery Program

SPECIALIZED Programs



Find out more: radiationatpm.com

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 @RadMedPM

 **RMP** Radiation
Medicine
Program