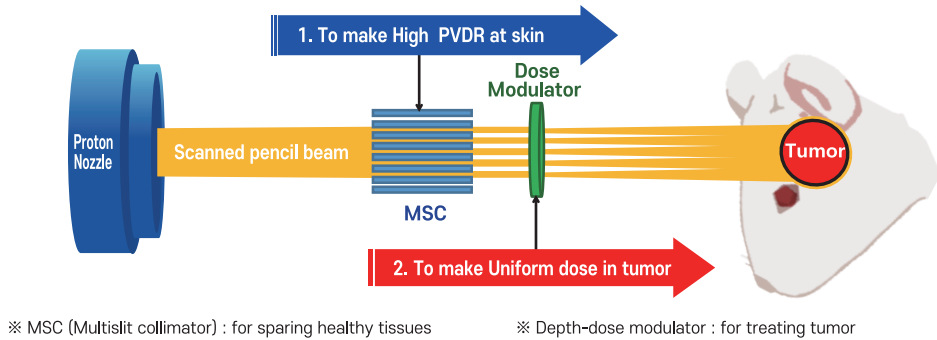




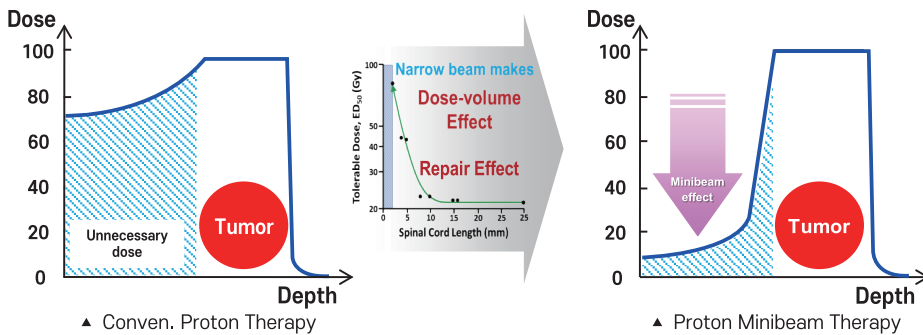
PROton MINIBEAM radiation therapy

Treating cancer, restoring healthy life
Towards to Ideal Radiation Therapy

Principle of Proton Minibeam Radiation Therapy (pMBRT)

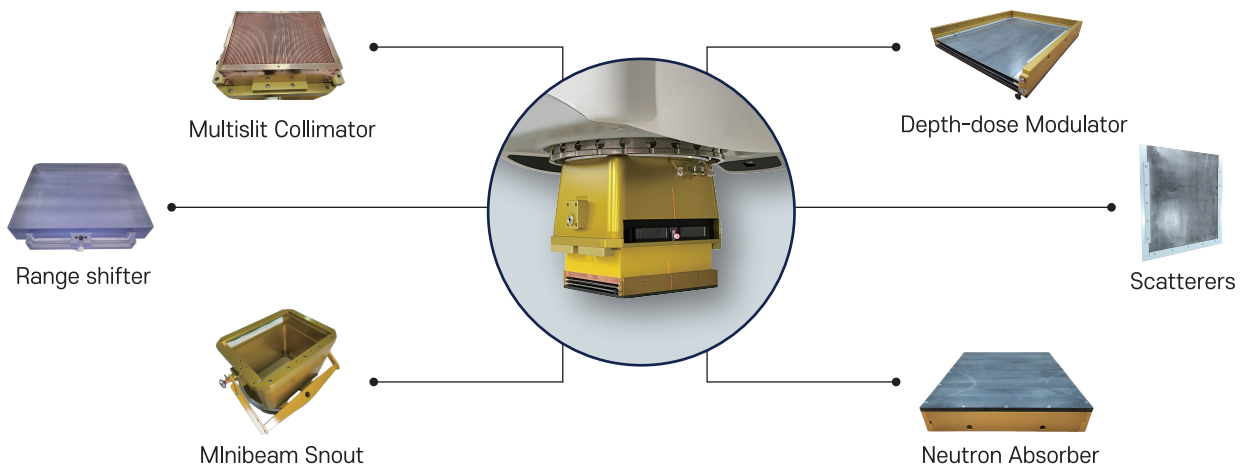


Advantages of pMBRT



- Protecting healthy tissues along the beam path
- Protecting normal organs surrounding tumor
- Ensuring tumor control

Components of pMBRT



1	Multislit collimator (Brass)	≤ 300 × 400 × 100mm
2	Depth-dose modulator (Not specific)	300 × 400 × 0.5 more or less
3	Range shifter (Polymer)	≤ 300 × 400 × 64mm
4	Scatterers (Lead or Bismuth)	300 × 400 × 0.5 more or less
5	System holder (Not specific)	Fitted to nozzle
6	Neutron Absorber (PE with boron)	≤ 300 × 400 × 10mm