

# Application for Medical Care Radiation Oncology

- Establish Effective Treatments for Advanced Cervical Cancer in Asian Countries
- Standard Improved Protocol of Radiation Therapy for Advanced Cervical Cancer (Stage IIIB)
- 5-Year Survival Rate 53% by the Protocol

## Radiation Therapy for Cervical Cancer

### Before Treatment



### Radiation

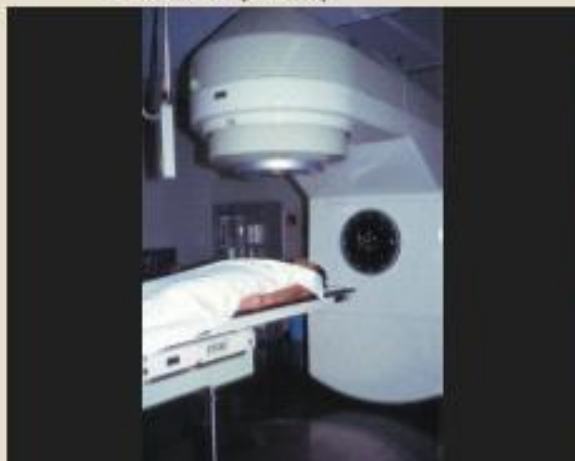


### Dose Distribution

### After Treatment

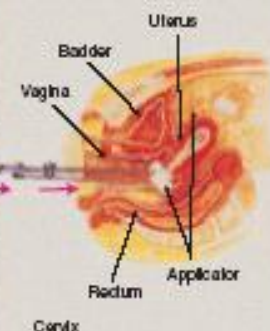


**External Beam Radiotherapy**  
X-ray Irradiation by Linear Accelerator (LINAC)



Total Dose 50Gy

**Intracavitary Brachytherapy**  
 $\gamma$ -ray Irradiation by Internal Small Radio Isotope Source(RALS)



Total Dose 20-28Gy (High Dose Rate) or 30-40Gy (Low Dose Rate)