

THASTRO ANNUAL SURVEY 2013-2014

INSTITUTE	จำนวน
MANPOWER ¹	
Number of radiation oncologists (fulltime)	116
Number of radiation oncologists (parttime)	48
Number of medical physicists (fulltime)	93
Number of medical physicists (parttime)	13
Number of radiotherapy technicians (fulltime)	246
Number of radiotherapy technicians (parttime)	5
Number of registered nurses (fulltime)	155
Number of practical nurses (fulltime)	49
Number of nurses (parttime)	1
EQUIPMENTS ¹	
Low-energy X ray	3
Co-60	13
Linear accelerator low energy without electron	9
Linear accelerator low energy with electron	6
Linear accelerator high energy	11
Linear accelerator high energy with IMRT	25
Linear accelerator high energy with SRS/SRT	11
Gamma Knife	1
Treatment planning system (system)	66
Treatment planning system (workstation)	199
Conventional simulator	27
CT simulator	22
Brachytherapy manual after loading unit	0
Brachytherapy remote after loading unit LDR	3
Brachytherapy remote after loading unit MDR	0
Brachytherapy remote after loading unit HDR	24
Intravascular brachytherapy system	1
Other	9
PATIENTS ²	
Number of patients consulted per year	36533
Number of treated with radiotherapy per year - new c	29557
Number of treated with radiotherapy per year - old ca	6617
RADIOTHERAPY SERVICES ²	
TELETHERAPY ³	
Leukaemia	148
Lymphoma Hodgkin	180
Lymphoma Non-Hodgkin	634
Breast	6474
Lung/thorax tumours	3407
Cervix	3627
Uterus	800
Ovary	97
Other gynaecological tumours	380
Head/neck tumours Nasopharynx	1780
Head/neck tumours Non-Nasopharynx	3774
Brain	1390
Skin	346
Bladder	347
Prostate	781
Testis	46
Other urological tumours	202
Colon and rectum	2317
Other digestive tumours	1258
Other digestive tumours	177
Paediatric brain tumours	156
Paediatric lymphoma & leukemia	21
Paediatric Neuroblastoma	50
Paediatric Rhabdomyosarcoma	11
Paediatric Wilm's tumour	110
Other paediatric tumours	791
Bone and soft tissue tumours	408
Benign diseases	435
Unknown primary tumours	985
Other	
TOTAL	31100
BRACHYTHERAPY ⁴	
Head/neck	117
Breast	229
Gynaecological tumours	10278
Prostate	75
Intravascular brachytherapy	554
Other	39
TOTAL	11392
SPECIAL TECHNIQUES ³	
Intraoperative radiation therapy	56
Total body irradiation	24
Total lymphoid irradiation	0
Stereotactic intracranial irradiation	311
Stereotactic extracranial irradiation	45
Intensity-modulated radiation therapy (IMRT)	2503
Image-guided radiation therapy (IGRT)	7627

¹ Data in June 2014

² Data of patients from January-December 2013

³ number of patients

⁴ number of insertions

⁵ database system is under updating