

THASTRO ANNUAL SURVEY 2017-2018

INSTITUTE	3711
MANPOWER ¹	
Number of radiation oncologists (fulltime)	132
Number of radiation oncologists (parttime)	42
Number of medical physicists (fulltime)	129
Number of medical physicists (parttime)	10
Number of radiotherapy technicians (fulltime)	295
Number of radiotherapy technicians (parttime)	4
Number of dosimetrists (fulltime)	0
Number of dosimetrists (parttime)	0
Number of registered nurses (fulltime)	178
Number of practical nurses (fulltime)	58
Number of nurses (parttime)	6
EQUIPMENTS ¹	
Low-energy X ray	3
Co-60	10
Linear accelerator	72
Gamma Knife	0
Robotic radiosurgery	2
Helical radiotherapy (tomotherapy)	3
Treatment planning system (system)	70
Treatment planning system (workstation)	253
Conventional simulator	28
CT simulator	33
MRI simulator	6
Cone beam CT	32
Brachytherapy manual after loading unit	1
Brachytherapy remote after loading unit LDR	2
Brachytherapy remote after loading unit MDR	0
Brachytherapy remote after loading unit HDR	30
Intravascular brachytherapy system	0
Other	6
PATIENTS	
Number of patients consulted per year	46570
Number of treated with radiotherapy per year - new cases	37151
Number of treated with radiotherapy per year - old cases	7082
RADIOTHERAPY SERVICES	
TELEOTHERAPY ³	
Leukaemia	107
Lymphoma Hodgkin	348
Lymphoma Non-Hodgkin	790
Eye	64
Breast	9854
Lung/thorax tumours	4447
Esophagus	1046
Cervix	4201
Uterus	1011
Ovary	134
Other gynaecological tumours	426
Nasopharynx	1571
Head/neck tumours Non-Nasopharynx	5320
Brain (primary only)	1258
Skin	430
Bladder	353
Prostate	1274
Kidney	145
Testis	35
Other urological tumours	134
Colon and rectum	3695
Other digestive tumours (stomach, liver)	1208
Bone and soft tissue tumours (primary only)	700
Paediatric brain tumours	131
Paediatric lymphoma & leukemia	59
Paediatric Neuroblastoma	17
Paediatric Rhabdomyosarcoma	15
Paediatric Wilm's tumour	25
Other paediatric tumours	71
Benign diseases	495
Unknown primary tumours	686
Other	1756
TOTAL	42090
Brain metastasis	2335
Bone metastasis	2938
BRACHYTHERAPY ⁴	
Head/neck	36
Eye	12
Skin	5
Brain	0
Lung	2
Colorectal	6
Other GI (e.g. liquid brachytherapy for liver metastases)	0
Breast	43
Gynaecological tumours	16562
Prostate	87
Intravascular brachytherapy	0
Other	12
TOTAL	16764
SPECIAL TECHNIQUES ⁵	
Intraoperative radiation therapy	64
Total body irradiation	19
Total lymphoid irradiation	2
Stereotactic intracranial irradiation	496
Stereotactic extracranial irradiation	214
Intensity-modulated radiation therapy (IMRT)	8592
Image-guided radiation therapy (IGRT)	15221

¹ Data in June 2018

² Data of patients from January-December 2017

³ number of patients

⁴ number of insertions

⁵ look at definition in DEFINITION file