

# THASTRO ANNUAL SURVEY 2012-13

INSTITUTE	5334
<b>MANPOWER</b> <sup>1</sup>	
Number of radiation oncologists (fulltime)	116
Number of radiation oncologists (parttime)	50
Number of medical physicists (fulltime)	79
Number of medical physicists (parttime)	6
Number of radiotherapy technicians (fulltime)	215
Number of radiotherapy technicians (parttime)	6
Number of registered nurses (fulltime)	165
Number of practical nurses (fulltime)	39
Number of nurses (parttime)	1
<b>EQUIPMENTS</b> <sup>1</sup>	
Low-energy X ray	4
Co-60	16
Linear accelerator low energy without electron	11
Linear accelerator low energy with electron	7
Linear accelerator high energy	10
Linear accelerator high energy with IMRT	26
Linear accelerator high energy with SRS/SRT	5
Gamma Knife	1
Treatment planning system (system)	61
Treatment planning system (workstation)	144
Conventional simulator	33
CT simulator	23
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	25
Intravascular brachytherapy system	1
Other .....	4
<b>PATIENTS</b> <sup>2</sup>	
Number of patients consulted per year	34089
Number of treated with radiotherapy per year - new cases	29306
Number of treated with radiotherapy per year - old cases	5137
<b>RADIOTHERAPY SERVICES</b> <sup>2</sup>	
<b>TELETHERAPY</b> <sup>3</sup>	
Leukaemia	198
Lymphoma Hodgkin	275
Lymphoma Non-Hodgkin	617
Breast	6530
Lung/thorax tumours	3638
Cervix	3882
Uterus	589
Ovary	102
Other gynaecological tumours	467
Head/neck tumours Nasopharynx	1421
Head/neck tumours Non-Nasopharynx	4131
Brain	1625
Skin	350
Bladder	312
Prostate	703
Testis	30
Other urological tumours	184
Colon and rectum	2295
Other digestive tumours	1195
Paediatric brain tumours	301
Paediatric lymphoma & leukemia	92
Paediatric Neuroblastoma	26
Paediatric Rhabdomyosarcoma	40
Paediatric Wilm's tumour	19
Other paediatric tumours	243
Bone and soft tissue tumours	1177
Benign diseases	336
Unknown primary tumours	498
Other .....	1190
<b>TOTAL</b>	<b>32466</b>
<b>BRACHYTHERAPY</b> <sup>4</sup>	
Head/neck	174
Breast	226
Gynaecological tumours	11796
Prostate	95
Intravascular brachytherapy	0
Other .....	71
<b>TOTAL</b>	<b>12362</b>
<b>SPECIAL TECHNIQUES</b> <sup>3</sup>	
Intraoperative radiation therapy	30
Total body irradiation	19
Total lymphoid irradiation	0
Stereotactic intracranial irradiation	332
Stereotactic extracranial irradiation	51
Intensity-modulated radiation therapy (IMRT)	2109
Image-guided radiation therapy (IGRT)	4611

<sup>1</sup> Data in June 2013

<sup>2</sup> Data of patients from January-December 2012

<sup>3</sup> number of patients

<sup>4</sup> number of insertions

<sup>5</sup> minimum number from some missing data