

# THASTRO ANNUAL SURVEY 2014-2015

INSTITUTE	333
<b>MANPOWER <sup>1</sup></b>	
Number of radiation oncologists (fulltime)	123
Number of radiation oncologists (parttime)	49
Number of medical physicists (fulltime)	98
Number of medical physicists (parttime)	11
Number of radiotherapy technicians (fulltime)	272
Number of radiotherapy technicians (parttime)	5
Number of registered nurses (fulltime)	173
Number of practical nurses (fulltime)	56
Number of nurses (parttime)	4
<b>EQUIPMENTS <sup>1</sup></b>	
Low-energy X ray	4
Co-60	14
Linear accelerator low energy without electron	11
Linear accelerator low energy with electron	7
Linear accelerator high energy	7
Linear accelerator high energy with IMRT	27
Linear accelerator high energy with SRS/SRT	14
Gamma Knife	0
Treatment planning system (system)	67
Treatment planning system (workstation)	209
Conventional simulator	30
CT simulator	26
Brachytherapy manual after loading unit	0
Brachytherapy remote after loading unit LDR	1
Brachytherapy remote after loading unit MDR	0
Brachytherapy remote after loading unit HDR	28
Intravascular brachytherapy system	0
Other .....	10
<b>PATIENTS <sup>2</sup></b>	
Number of patients consulted per year	34471
Number of treated with radiotherapy per year - new cases	32210
Number of treated with radiotherapy per year - old cases	4340
<b>RADIOTHERAPY SERVICES <sup>2</sup></b>	
<b>TELEOTHERAPY <sup>3</sup></b>	
Leukaemia	133
Lymphoma Hodgkin	198
Lymphoma Non-Hodgkin	618
Breast	7484
Lung/thorax tumours	3821
Cervix	4100
Uterus	769
Ovary	182
Other gynaecological tumours	296
Head/neck tumours Nasopharynx	1548
Head/neck tumours Non-Nasopharynx	4740
Brain	1447
Skin	423
Bladder	305
Prostate	875
Testis	39
Other urological tumours	223
Colon and rectum	2628
Other digestive tumours	1381
Paediatric brain tumours	129
Paediatric lymphoma & leukemia	88
Paediatric Neuroblastoma	15
Paediatric Rhabdomyosarcoma	16
Paediatric Wilm's tumour	14
Other paediatric tumours	95
Bone and soft tissue tumours	941
Benign diseases	351
Unknown primary tumours	598
Other .....	943
<b>TOTAL</b>	<b>32356</b>
<b>BRACHYTHERAPY <sup>4</sup></b>	
Head/neck	112
Breast	20
Gynaecological tumours	12415
Prostate	76
Intravascular brachytherapy	0
Other .....	21
<b>TOTAL</b>	<b>12756</b>
<b>SPECIAL TECHNIQUES <sup>3</sup></b>	
Intraoperative radiation therapy	58
Total body irradiation	29
Total lymphoid irradiation	0
Stereotactic intracranial irradiation	342
Stereotactic extracranial irradiation	129
Intensity-modulated radiation therapy (IMRT)	4051
Image-guided radiation therapy (IGRT)	7494

<sup>1</sup> Data in June 2015

<sup>2</sup> Data of patients from January-December 2014

<sup>3</sup> number of patients

<sup>4</sup> number of insertions

<sup>5</sup> days

<sup>6</sup> database system is under updating

<sup>7</sup> restart service in May 2014, data from May-December 2014

<sup>8</sup> data from July 2014-June 2015

<sup>9</sup> start service in March 2015