

THASTRO ANNUAL SURVEY 2019-2020

INSTITUTE	TOTAL
<b>MANPOWER</b> (Data in June 30, 2020)	
Number of radiation oncologists - fulltime	157
Number of radiation oncologists - parttime	43
Number of medical physicists - fulltime Number	141
of medical physicists - parttime Number	13
of radiotherapy technologists - fulltime Number	335
of radiotherapy technologists - parttime Number	5
of dosimetrists - fulltime	0
Number of dosimetrists - parttime	0
Number of registered nurses - fulltime	222
Number of registered nurses - parttime	15
Number of practical nurses - fulltime	66
Number of practical nurses - parttime	0
<b>EQUIPMENTS</b> (Data in June 30, 2020)	
Low-energy X ray	3
Cobalt-60	4
Linear accelerator	82
Gamma Knife	0
Robotic radiosurgery	3
Helical radiotherapy (tomotherapy)	5
Treatment planning system (system)	78
Treatment planning system (workstation)	281
Conventional simulator	26
CT simulator	37
MRI simulator	6
Cone beam CT	46
MV CT	8
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	31
Intravascular brachytherapy system	0
Other .....	4
<b>PATIENTS</b> (Data from January-December 2019)	
Number of patients consulted per year	>45883
Number of treated with radiotherapy per year - new cases	42463
Number of treated with radiotherapy per year - old cases	>7241
<b>RADIOTHERAPY SERVICES</b> (Data from January-December 2019)	
<b>TELEOTHERAPY</b> number of patients	
Leukaemia	123
Lymphoma Hodgkin	229
Lymphoma Non-Hodgkin	913
Eye	48
Breast	10374
Lung/thorax tumours	5043
Esophagus	1134
Cervix	4599
Uterus	1063
Ovary	104
Other gynaecological tumours	558
Nasopharynx	1702
Head/neck tumours Non-Nasopharynx	5815
Brain (primary only)	1302
Skin	579
Bladder	417
Prostate	1650
Kidney	121
Testis	44
Other urological tumours	350
Colon and rectum	3819
Other digestive tumours (stomach, liver)	1237
Bone and soft tissue tumours (primary only)	793
Paediatric brain tumours	113
Paediatric lymphoma & leukemia	50
Paediatric Neuroblastoma	14
Paediatric Rhabdomyosarcoma	26
Paediatric Wilm's tumour	19
Other paediatric tumours	49
Benign diseases	977
Unknown primary tumours	624
Other .....	888
<b>TOTAL</b>	<b>45104</b>
Brain metastasis	>2480
Bone metastasis	>3725
<b>BRACHYTHERAPY</b> number of patients	
Head/neck	3
Eye	10
Skin	3
Brain	0
Lung	0
Colorectal	2
Other GI (e.g. liquid brachytherapy for liver metastases)	2
Breast	3
Gynaecological tumours	5310
Prostate	31
Intravascular brachytherapy	0
Other .....	2
<b>TOTAL</b>	<b>5364</b>
<b>SPECIAL TECHNIQUES</b> number of patients	
Intraoperative radiation therapy	38
Total body irradiation	11
Total lymphoid irradiation	0
Stereotactic intracranial irradiation	549
Stereotactic extracranial irradiation	329
Intensity-modulated radiation therapy (IMRT)	10489
Image-guided radiation therapy (IGRT)	19915

1. รวมผู้ป่วยของ รพ.หาดใหญ่ด้วย

2. สถิติการให้บริการรวมอยู่กับของ รพ.สงขลานครินทร์