

MANPOWER (Data in June 30, 2021)	
Number of radiation oncologists - fulltime	166
Number of radiation oncologists - parttime (% workload of each person separated by)	50
Number of medical physicists - fulltime	149
Number of medical physicists - parttime (% workload of each person separated by)	12
Number of radiotherapy technologists - fulltime	355
Number of radiotherapy technologists - parttime (% workload of each person separated by)	8
Number of dosimetrists - fulltime	2
Number of dosimetrists - parttime (% workload of each person separated by)	0
Number of registered nurses - fulltime	233
Number of registered nurses - parttime (% workload of each person separated by)	6
Number of practical nurses - fulltime	77
Number of practical nurses - parttime (% workload of each person separated by)	0
EQUIPMENTS (Data in June 30, 2021)	
Low-energy X ray	2
Cobalt-60	3
Linear accelerator	92
Gamma Knife	0
Robotic radiosurgery	3
Helical radiotherapy (tomotherapy)	7
Treatment planning system (system)	90
Treatment planning system (workstation)	330
Conventional simulator	26
CT simulator	43
MRI simulator	6
Cone beam CT	56
MV CT	10
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	30
Intravascular brachytherapy system	0
Other	5
PATIENTS (Data from January-December 2020)	
Number of patients consulted per year	>46571
Number of treated with radiotherapy per year - new cases	42880
Number of treated with radiotherapy per year - old cases	>6841
RADIODTHERAPY SERVICES (Data from January-December 2020)	
TELETHErapy number of patients	
Leukaemia	116
Lymphoma Hodgkin	216
Lymphoma Non-Hodgkin	1022
Eye	56
Breast	11060
Lung/thorax tumours	5255
Esophagus	1180
Cervix	4477
Uterus	1039
Ovary	144
Other gynaecological tumours	607
Nasopharynx	1599
Head/neck tumours Non-Nasopharynx	6067
Brain (primary only)	1276
Skin	481
Bladder	498
Prostate	1793
Kidney	117
Testis	40
Other urological tumours	204
Colon and rectum	4073
Other digestive tumours (stomach, liver)	1243
Bone and soft tissue tumours (primary only)	825
Paediatric brain tumours	134
Paediatric lymphoma & leukemia	43
Paediatric Neuroblastoma	24
Paediatric Rhabdomyosarcoma	22
Paediatric Wilm's tumour	18
Other paediatric tumours	54
Benign diseases	825
Unknown primary tumours	636
Other	974
TOTAL	44246
Brain metastasis	>3090
Bone metastasis	>3998
BRACHYTHERAPY number of patients (number of insertions)	
Head/neck	4(13)
Eye	12
Skin	2(8)
Brain	0
Lung	0
Colorectal	3(>2)
Other GI (e.g. liquid brachytherapy for liver metastases)	0
Breast	1(10)
Gynaecological tumours	>5354(>10846)
Prostate	40(>57)
Intravascular brachytherapy	0
Other	1(2)
TOTAL	>5417(>10938)
SPECIAL TECHNIQUES number of patients	
Intraoperative radiation therapy	27
Total body irradiation	4
Total lymphoid irradiation	0
Stereotactic intracranial irradiation	532
Stereotactic extracranial irradiation	468
Intensity-modulated radiation therapy (IMRT)	11304
Image-guided radiation therapy (IGRT)	30830

¹ included Hat Yai Hospital patients

² referred to treat at Buddhachinaraj Hospital, Naresuan University Hospital, Lampang Cancer Hospital, Maharaj Nakorn ChiangMai Hospital, etc.

³ start service in January 2021

⁴ no service in October-December 2020 from delayed radioactive sources provision

