



Wattanosoth Cancer Registry 2017



**CANCER
HOSPITAL**
WATTANOSOTH

Table of

CONTENTS

Message from CEO	1
Message from Director	2
Cancer Registry 2017 : Abstract	3
Annual Cancer Registry 2017	4
<i>Distribution of All Cancer by Age and Gender, The Top 10 Leading Site of Cancer, Patient Category of All Cancer, Method of Diagnosis, Staging, Type of Treatment, Patient Follow up, Patient Nationality, The Top 10 Leading Site of Thai Patient Cancer, The Top 10 Leading Site of Non-Thai Patient Cancer</i>	
Review of Breast Cancer	17
Review of Lung Cancer	22
Review of Colorectal Cancer	27
Review of Hepatobiliary Cancer	32
Review of Thyroid Cancer	37
Hematologic Malignancies 2017	42
Age Distribution in All Male Cancer Number of Case	58
Age Distribution in All Female Cancer Number of Case	60





Message from

CEO

Cancer care is rapidly becoming much more integrated and specialized, involving research, diagnosis and treatment. Oncology professionals need to continuously build up their knowledge and connect with the best practitioners worldwide.

Wattanosoth Hospital is dedicated to provide the best cancer care, leading in excellence services as comprehensive cancer center. 360° Cancer care is from Prevention, Early detection, Treatment, Palliative care, and Survivorship.

These days, awareness of cancer care expands to also cancer prevention, not only the best treatment. Preventive sciences has been developing and improving from research in order to provide more comprehensive care.

The 2017 Cancer Registry Year Book by Wattanosoth Hospital is systematically collected the vital data regarding cancer diseases with the most up-to-date research on cancer.



Poramaporn Prasarttong-Osoth, M.D. FRCS (Glas)
Chief Executive Officer – Group 1



Message from

Director



Bangkok cancer hospital Wattanosoth is the only one private comprehensive cancer center hospital in Thailand. We are under the Bangkok Dusit Medical Services Public Company Limited (BDMS), which established a new subsidiary of the company under network healthcare group in Thailand. Recently, BDMS has put every effort to lever up our hospital to be center of excellence in cancer.

Wattanosoth Hospital and the Faculty of Medicine Siriraj Hospital became “Sister Institutes” of MD Anderson Cancer Center under Global Academic Program. We continue to achieve our mission by cooperation with renowned institute in cancer care. Cancer registry is our priority for developing our network and improvement of our cancer services. Therefore, we have developed Wattanosoth cancer registry for BDMS cancer network by collaboration with National Cancer Institute of Thailand, which in one of the cancer registry collaboration center of International Agency for Research in Cancer (IARC).

This Wattanosoth cancer registry report is aimed to be the source of cancer patient data in Thailand for building capacity of cancer care in our country and around this region.

A handwritten signature in black ink, appearing to read 'J. Khuaprema'.

Thiravud Khuaprema, M.D., FRCST., FICS., Visiting Professor
Hospital Director, Wattanosoth Cancer Hospital
Bangkok Hospital Headquarter



Cancer Registry 2017 :

Abstract

The total of new cases diagnosed as a malignancy at Bangkok Hospital Headquarter (BHQ) is 2056 cases (Tumor registry is 1922 cases and Hematologic malignant is 134 cases). There was a little bit increased in the total number as compared to 1977 cases in 2016.

The sex ratio is 1:1 This age distribution has not changed since the year 2016. Patients who are between 45-69 y/o are the majority accounting for more than half of the total. The average age in male patients is 60-64 y/o. which is slightly older than the female age of 45-49 y/o.

Top 5 malignancies are:

- 1) Breast (Included DCIS) – 24.08 percent
- 2) Lung -11.67 percent
- 3) Colorectal – 9.97 percent
- 4) Liver and Hepatobiliary – 7.00 percent
- 5) Thyroid – 6.66 percent

The trend for the top 5 malignancies has not changed over the past 10 years (2006-2016). For the past 10 years the top 5 have been: Breast, Colorectal, Lung, Liver & Hepatobiliary and Head & Neck cancer. However, when compared to last year, the overall number of cases in Breast cancer decreased significantly by 1.78 percent, Lung cancer increased by 26.31 percent, Colorectal cancer increased by 16.47 percent, Liver and Hepatobiliary decreased by 2.04 percent and Thyroid cancer increased by 33.00 percent.

The results of overall staging of patients who received treatment at Bangkok Hospital Headquarter (BHQ) are: Stage 0 is 2.80 percent, Stage I is 22.26 percent, Stage II is 20.92 percent, Stage III is 18.49 percent, and Stage IV is 25.67 percent. Unspecified stage (due to lack of pertinent information) is 8.88 percent. And in cases of Brain cancer has no stage grouping applies in AJCC Staging manual is 0.97 percent .All results are similar to 2016 staging results.

Analysis of the primary treatments modalities indicates that Radiation therapy continues to be the majority (16 percent), followed by Surgery (13 percent), Chemotherapy (5 percent), Concurrent chemo-radiation(3 percent) and Radioactive Iodine Therapy (RAI) (3 percent)

Patients who are still living after diagnosis or treatment in 2017 is 98 percent and patients who have died with cancer as the cause are 2 percent. At this time no patients receiving treatment have been lost to follow-up.

Ratio of Thai to non-Thai patients is 1:1 in year 2017 equal to the year 2016. The top 5 rankings of non-Thai patients are: Myanmar, Cambodia, Bangladesh, Kuwait and Oman respectively.

The Top 5 malignancies of Thai patients are:

- 1) Breast (Included DCIS) – 29.50 percent
- 2) Lung – 12.89 percent
- 3) Colorectal – 10.44 percent
- 4) Liver and Hepatobiliary – 6.39 percent
- 5) Thyroid – 6.07 percent

The Top 5 malignancies of non-Thai patients are:

- 1) Breast (Included DCIS) - 19.52 percent
- 2) Lung - 10.65 percent
- 3) Colorectal - 9.58 percent
- 4) Liver and Hepatobiliary - 7.79 percent
- 5) Thyroid – 6.98 percent

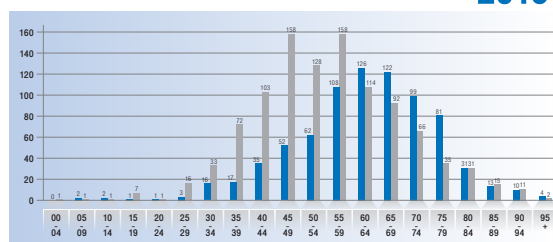
WATTANOSOTH ANNUAL CANCER REGISTRY 2017

DISTRIBUTION OF ALL CANCER BY AGE AND GENDER (EXCLUDED HEMATOLOGIC MALIGNANCIES)

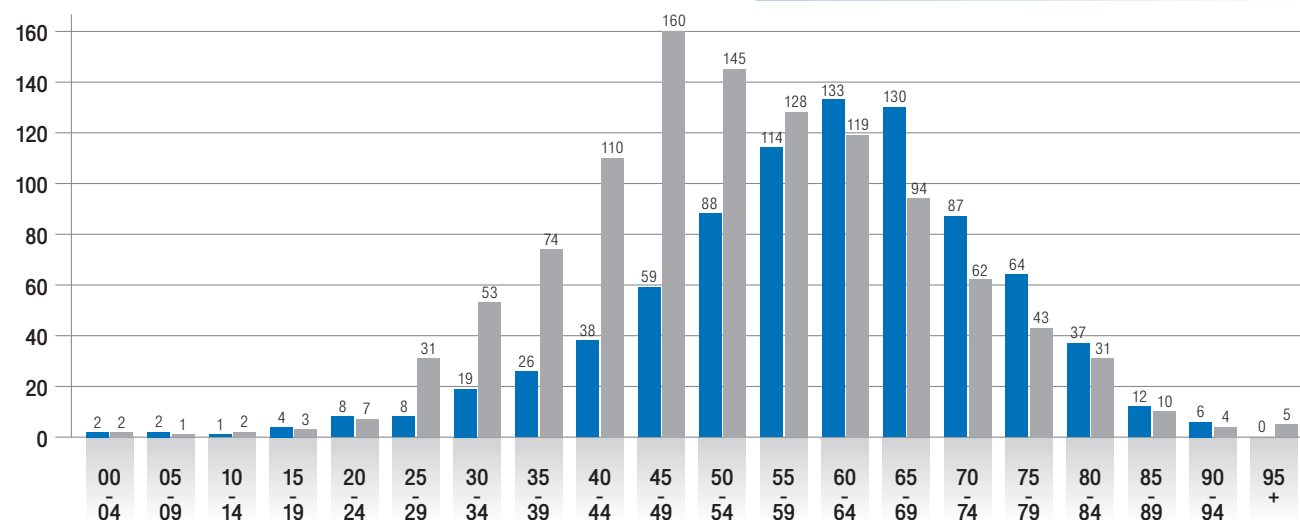
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	2	0.24	2	0.18	4	0.21
05 - 09	2	0.24	1	0.09	3	0.16
10 - 14	1	0.12	2	0.18	3	0.16
15 - 19	4	0.48	3	0.28	7	0.36
20 - 24	8	0.95	7	0.65	15	0.78
25 - 29	8	0.95	31	2.86	39	2.03
30 - 34	19	2.27	53	4.89	72	3.75
35 - 39	26	3.10	74	6.83	100	5.20
40 - 44	38	4.53	110	10.15	148	7.70
45 - 49	59	7.04	160	14.76	219	11.39
50 - 54	88	10.50	145	13.38	233	12.12
55 - 59	114	13.60	128	11.81	242	12.59
60 - 64	133	15.87	119	10.98	252	13.11
65 - 69	130	15.51	94	8.67	224	11.65
70 - 74	87	10.38	62	5.72	149	7.75
75 - 79	64	7.64	43	3.97	107	5.57
80 - 84	37	4.42	31	2.86	68	3.54
85 - 89	12	1.43	10	0.92	22	1.14
90 - 94	6	0.72	4	0.37	10	0.52
95 +	0	0.00	5	0.46	5	0.26
Total	838	100.00	1,084	100.00	1,922	100.00

2016

DISTRIBUTION OF ALL CANCER BY AGE AND GENDER



■ Male ■ Female

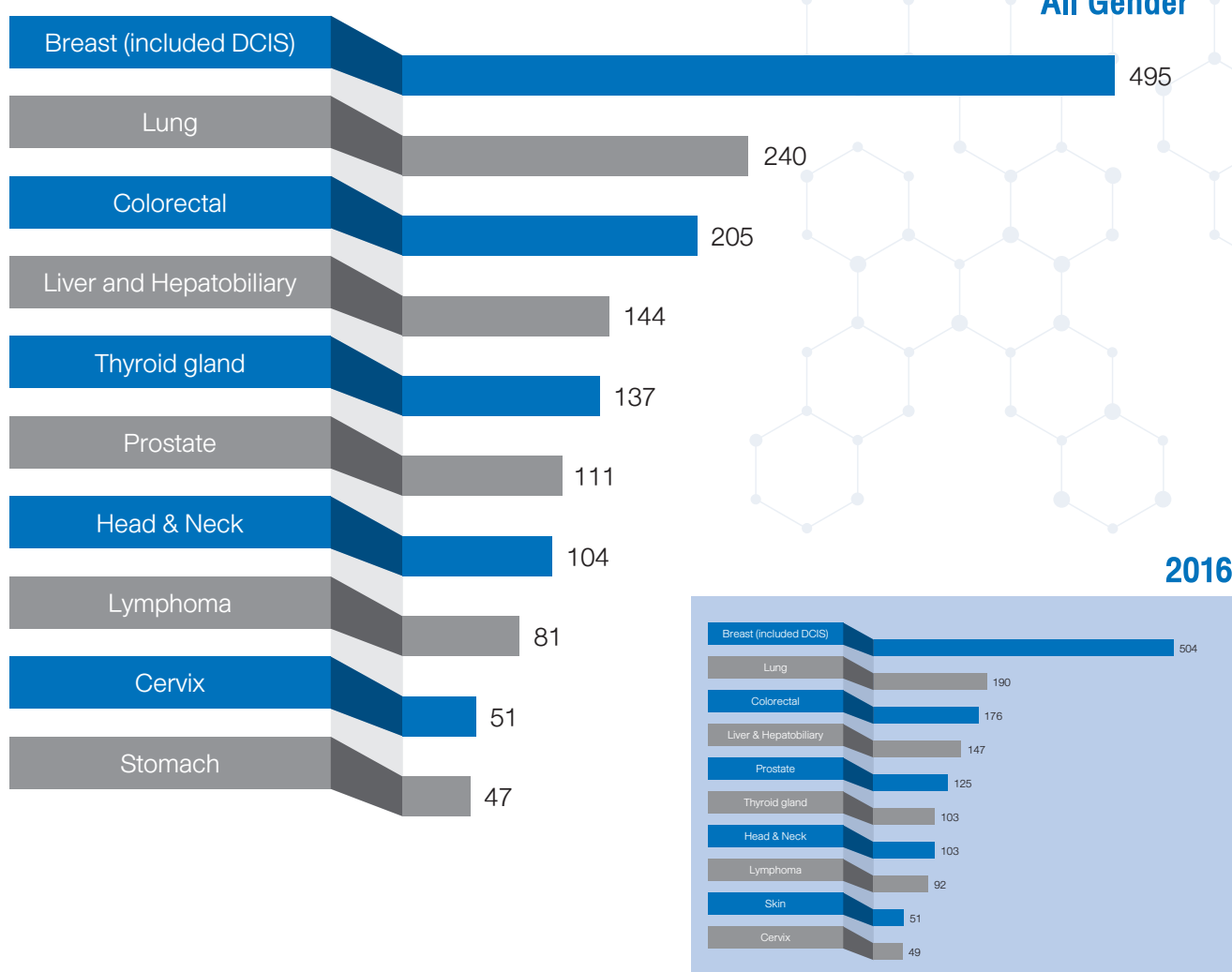




THE TOP 10 LEADING SITE OF CANCER IN BANGKOK HOSPITAL HEADQUARTER

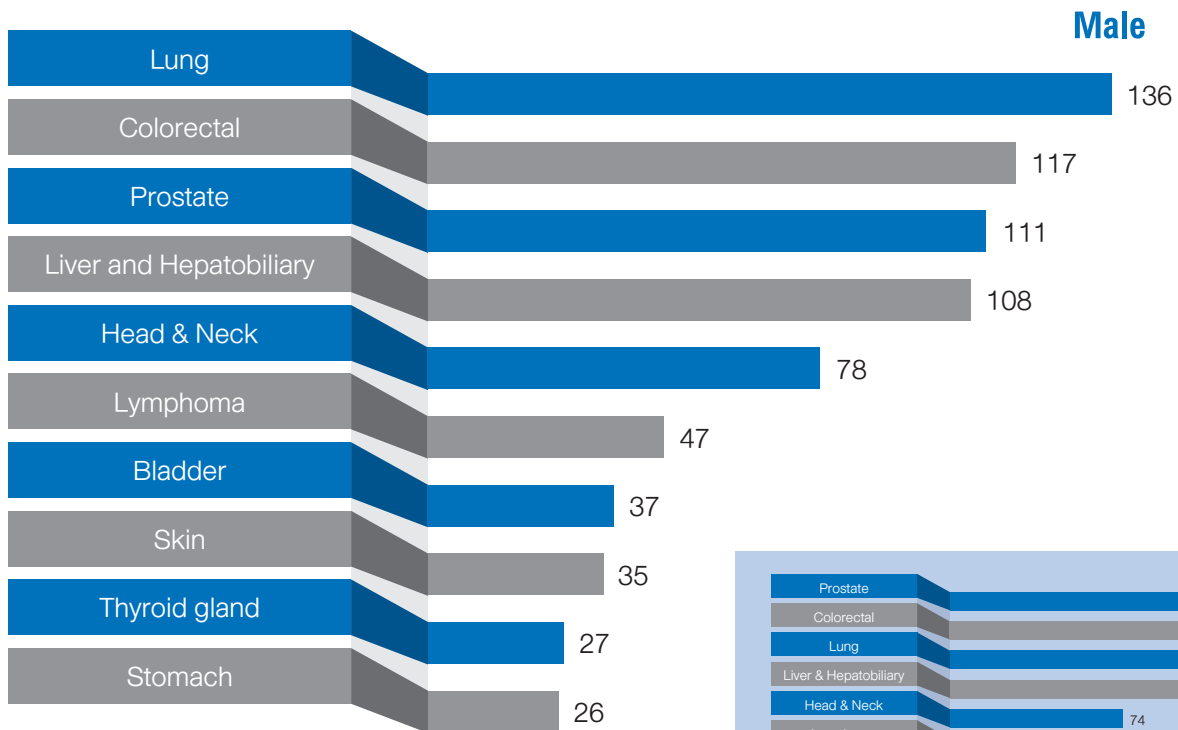
Code	Primary site	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
C50, D05	Breast (included DCIS)	3	0.33	492	43.12	495	24.08
C33-C34	Lung	136	14.86	104	9.11	240	11.67
C18-C20	Colorectal	117	12.79	88	7.71	205	9.97
C22-C24	Liver and Hepatobiliary	108	11.80	36	3.16	144	7.00
C73	Thyroid gland	27	2.95	110	9.64	137	6.66
C61	Prostate	111	12.13	0	0.00	111	5.40
C00-C14	Head & Neck	78	8.52	26	2.28	104	5.06
C81-C85	Lymphoma	47	5.14	34	2.98	81	3.94
C53	Cervix	0	0.00	51	4.47	51	2.48
C16	Stomach	26	2.84	21	1.84	47	2.29

TOP 10 CANCER FOR ALL GENDER

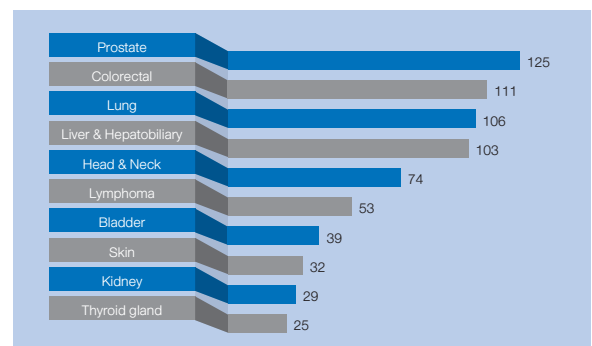


OVERALL CANCER

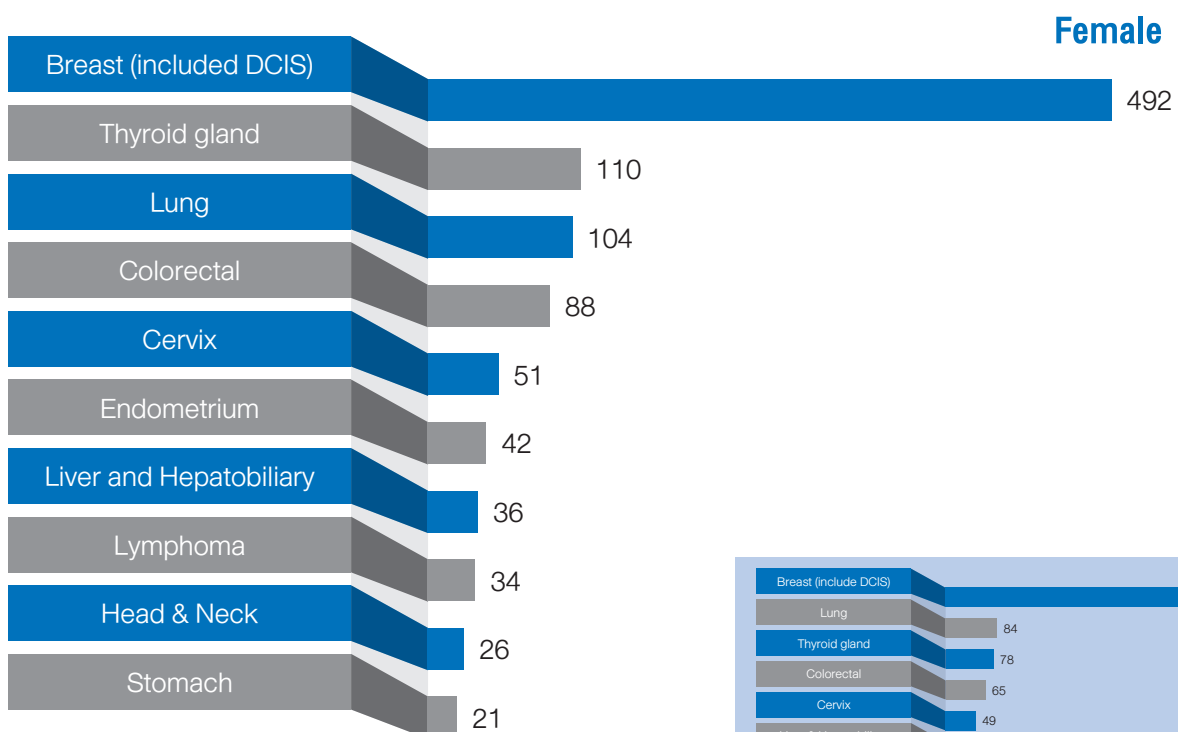
TOP 10 CANCER IN MALE



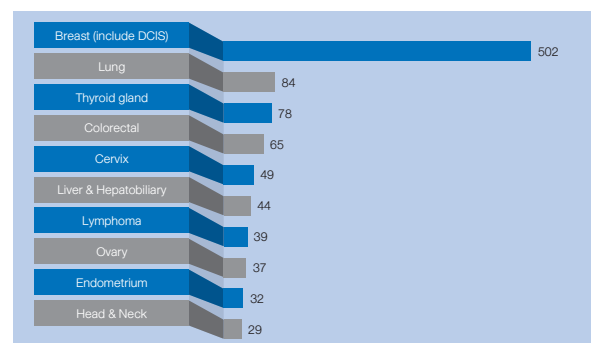
2016



TOP 10 CANCER IN FEMALE



2016



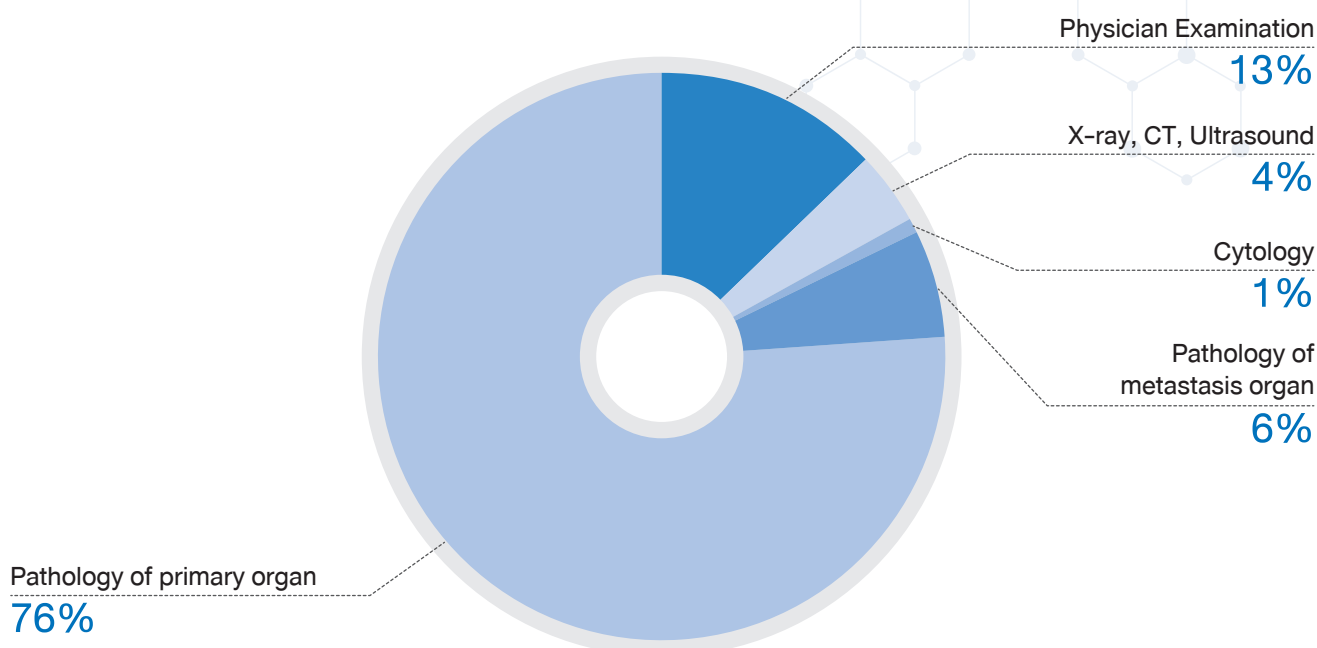


PATIENT CATEGORY OF ALL CANCER IN BANGKOK HOSPITAL HEADQUARTER

Patient treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Treatment in BHQ	327	39.02	495	45.66	822	42.77
Not treatment in BHQ	511	60.98	589	54.34	1,100	57.23
Total	838	100.00	1,084	100.00	1,922	100.00



METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

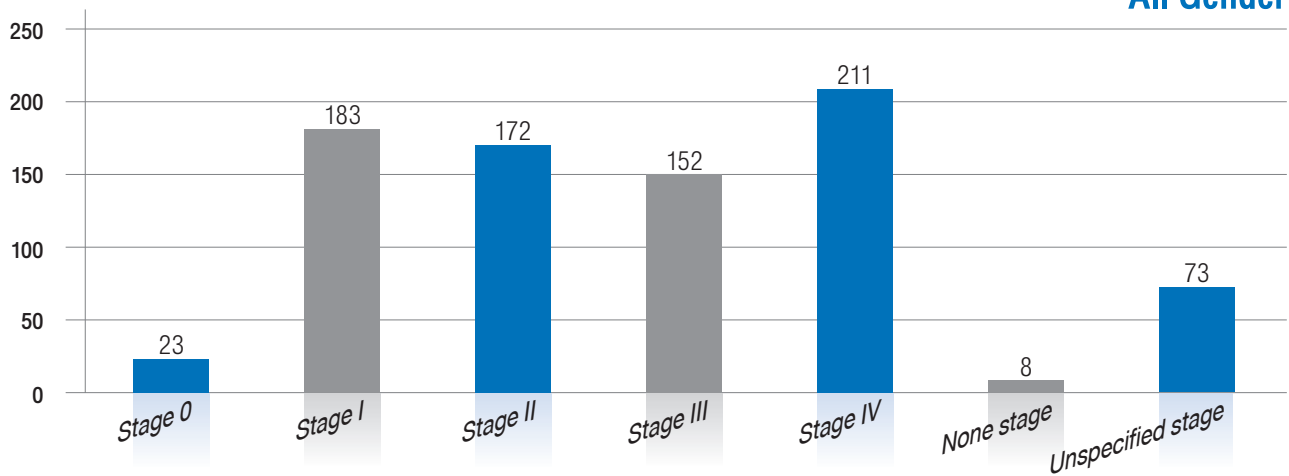


OVERALL CANCER

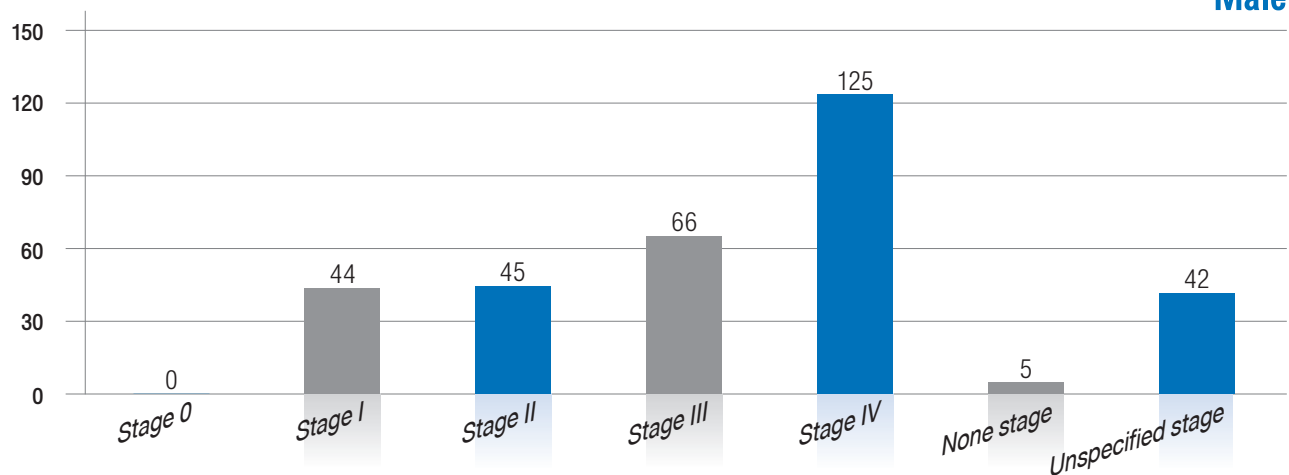
STAGING

(TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

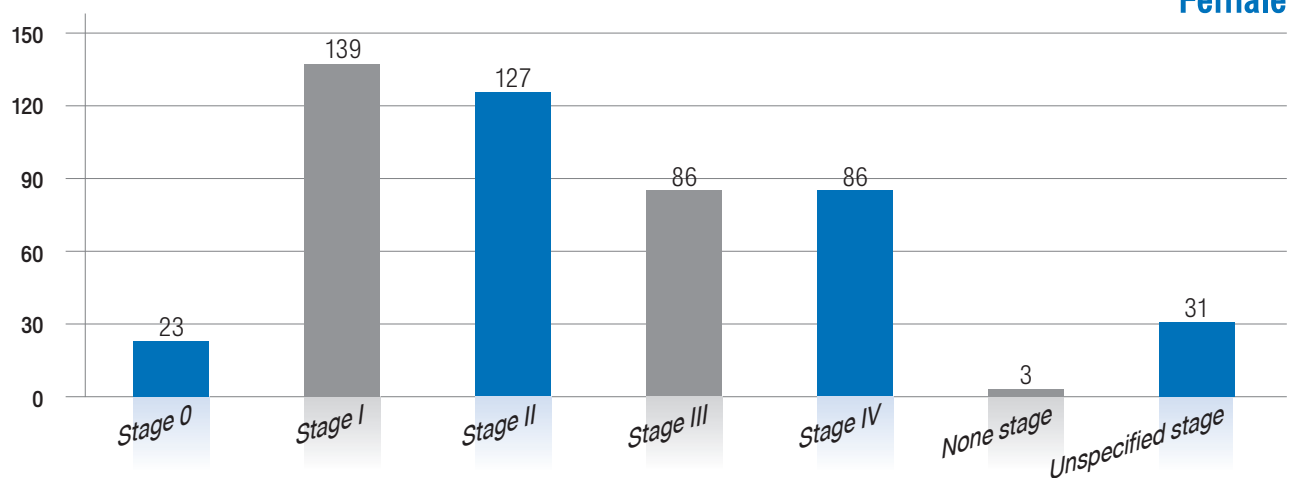
All Gender



Male



Female



Stage 0 = Carcinoma in situ

None stage = In case of CA Brain

Unspecified stage = Incomplete staging due to insufficient patient information



TYPE OF TREATMENT

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	66	7.88	120	11.07	186	9.68
RT only	98	11.69	132	12.18	230	11.97
CT only	19	2.27	29	2.68	48	2.50
Targeted therapy	5	0.60	2	0.18	7	0.36
Hormonal therapy	1	0.12	4	0.37	5	0.26
Intervention	24	2.86	8	0.74	32	1.66
Nuclear medicine	5	0.60	38	3.51	43	2.24
Concurrent chemoradiation	30	3.58	18	1.66	48	2.50
SUR.+RT	12	1.43	15	1.38	27	1.40
SUR.+CT	18	2.15	47	4.34	65	3.38
SUR.+Im	3	0.36	2	0.18	5	0.26
SUR.+H	0	0.00	8	0.74	8	0.42
SUR.+T	0	0.00	1	0.09	1	0.05
SUR.+I	0	0.00	1	0.09	1	0.05
SUR.+N	5	0.60	8	0.74	13	0.68
SUR.+Concurrent CT-RT	10	1.19	5	0.46	15	0.78
RT+Concurrent CT-RT	0	0.00	7	0.65	7	0.36
CT+Concurrent CT-RT	1	0.12	2	0.18	3	0.16
RT+T	2	0.24	6	0.55	8	0.42
RT+CT	11	1.31	7	0.65	18	0.94
RT+CT+H	0	0.00	2	0.18	2	0.10
RT+H	4	0.48	2	0.18	6	0.31
RT+I	4	0.48	0	0.00	4	0.21
CT+I	1	0.12	0	0.00	1	0.05
I+T	2	0.24	1	0.09	3	0.16
SUR.+RT+CT	2	0.24	10	0.92	12	0.62

OVERALL CANCER

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.+RT+H	0	0.00	13	1.20	13	0.68
SUR.+RT+RAI	0	0.00	1	0.09	1	0.05
SUR.+RT+T	0	0.00	1	0.09	1	0.05
SUR.+CT+H	1	0.12	2	0.18	3	0.16
SUR.+RT+CT+H	0	0.00	1	0.09	1	0.05
SUR.+RT+Concurrent CT-RT	0	0.00	1	0.09	1	0.05
Investigation	126	15.04	146	13.47	272	14.15
Supportive	4	0.48	1	0.09	5	0.26
PET/CT	85	10.14	80	7.38	165	8.58
Bone scan	51	6.09	96	8.86	147	7.65
Follow-up	0	0.00	1	0.09	1	0.05
2 nd Opinion	246	29.36	259	23.89	505	26.27
TBS scan	2	0.24	7	0.65	9	0.47
Total	838	100.00	1,084	100.00	1,922	100.00

SUR. = Surgery

RT = External radiation therapy

CT = Chemotherapy

H (Hormone) = Hormonal therapy

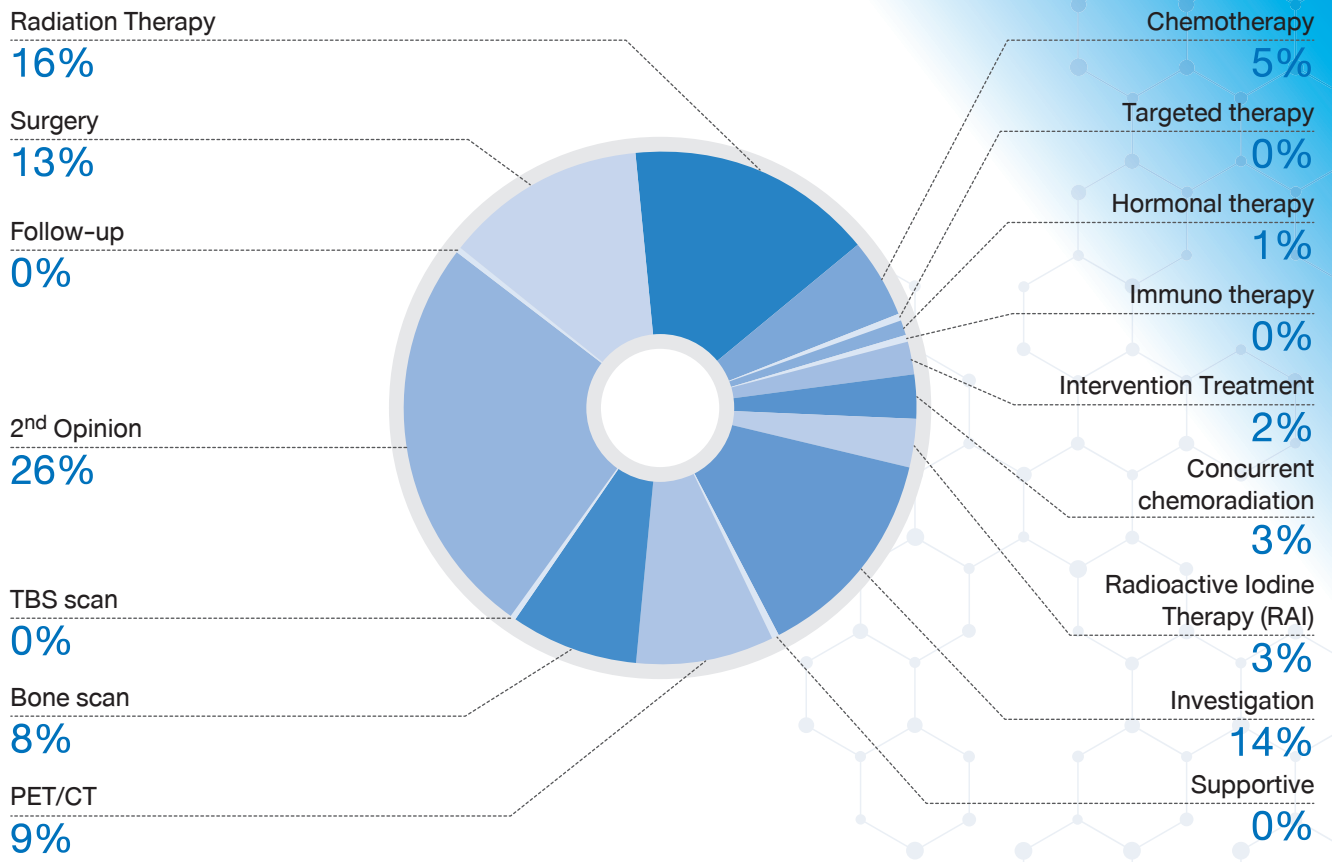
T = Targeted therapy

I = Intervention

Im = Immunotherapy

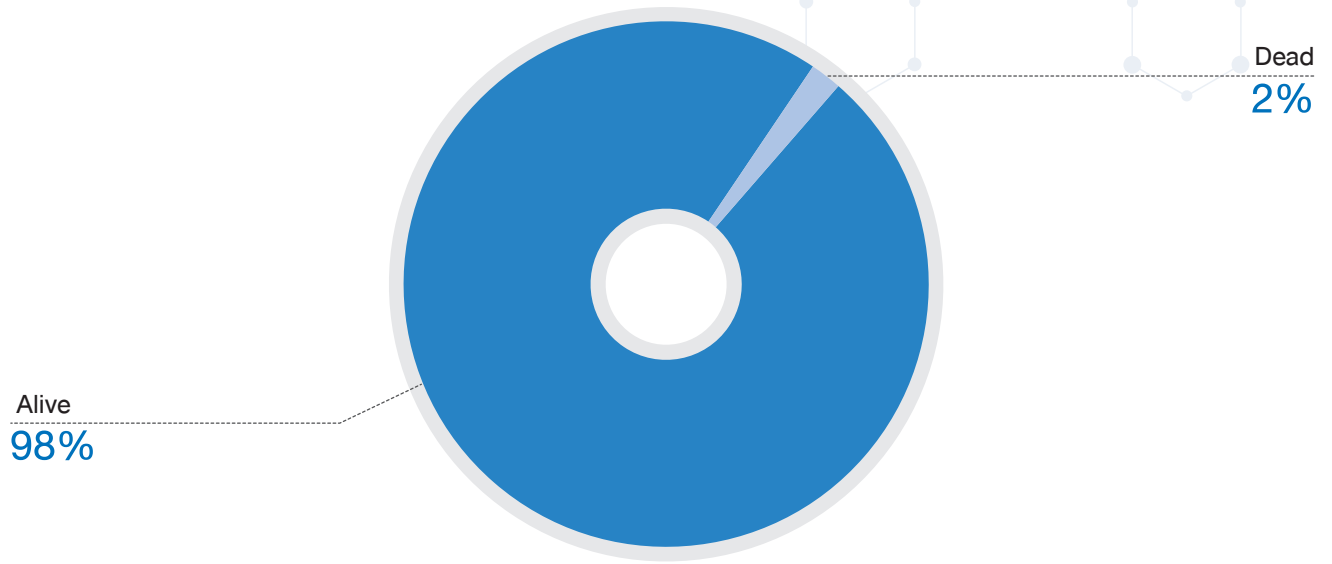


TYPE OF PRIMARY MANAGEMENT (ALL PATIENT)



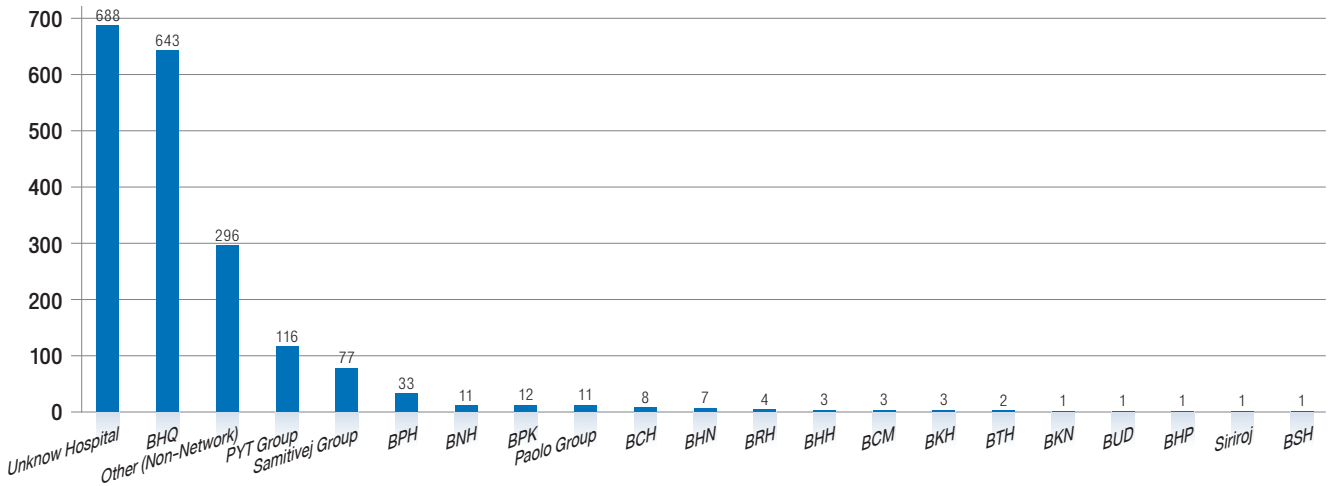
PATIENT FOLLOW UP

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	821	97.97	1,063	98.06	1,884	98.02
Dead	17	2.03	21	1.94	38	1.98
Total	838	100.00	1,084	100.00	1,922	100.00



OVERALL CANCER

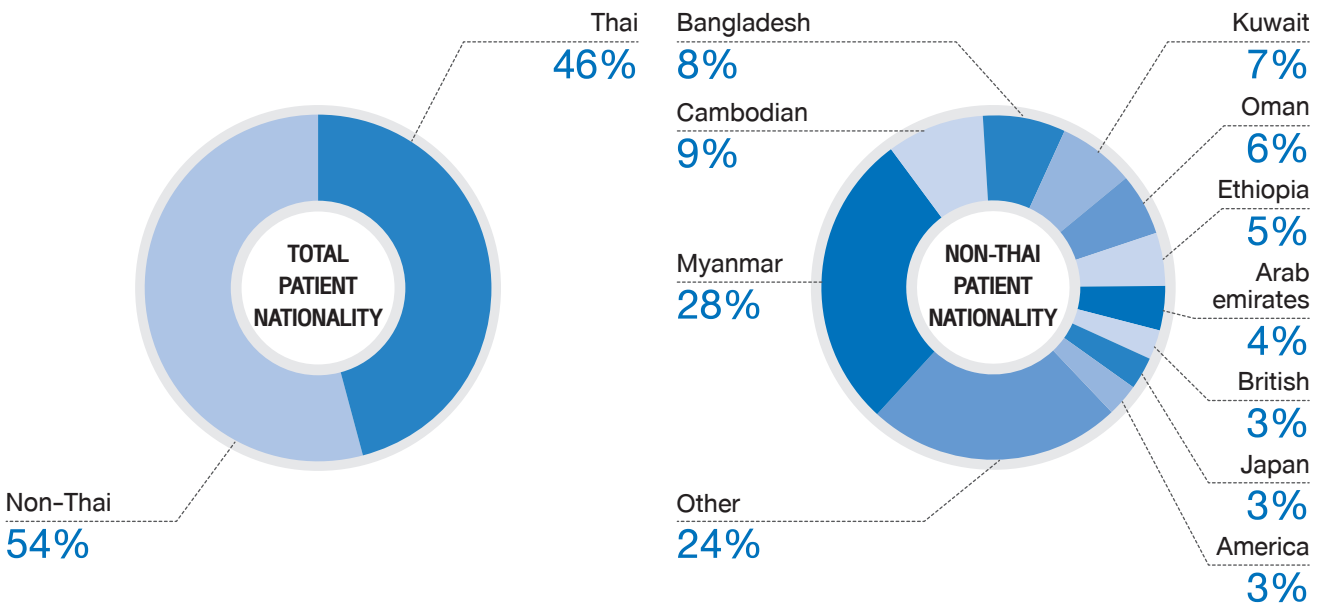
REFERING HOSPITAL



BHQ = Consult from Bangkok general hospital
 Samitivej Group = Samitivej
 BNH = BNH HOSPITAL
 Paolo Group = Paolo memorial hospital Group
 BHN = BANGKOK HOSPITAL HUAHIN
 BHH = BANGKOK HOSPITAL HATYAI
 BKH = BANGKOK HOSPITAL RATCHASIMA
 BKN = BANGKOK HOSPITAL KHON KAEN
 BHP = BANGKOK HOSPITAL PAKCHONG
 BSH = BANGKOK HOSPITAL SAMUI

PYT Group = Phyathai hospital Group
 BPH = BANGKOK HOSPITAL
 BPK = BANGKOK HOSPITAL PHUKET
 BCH = BANGKOK HOSPITAL CHANTHABURI
 BRH = BANGKOK HOSPITAL RAYONG
 BCM = BANGKOK HOSPITAL CHIANGMAI
 BTH = BANGKOK HOSPITAL TRAT
 BUD = BANGKOK HOSPITAL UDON
 SIRIROJ = SIRIROJ INTERNATIONAL HOSPITAL

PATIENT NATIONALITY

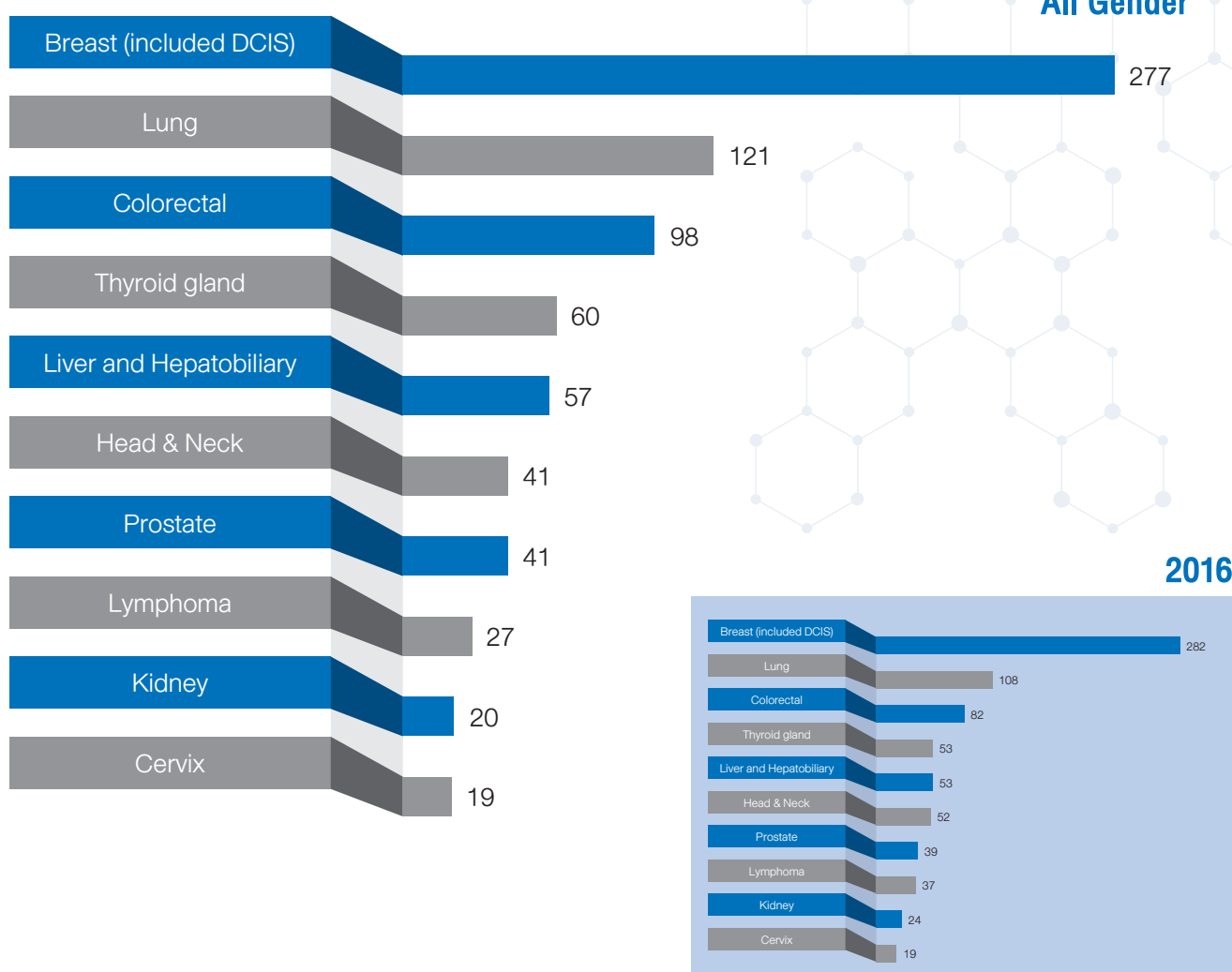




THE TOP 10 LEADING SITE OF THAI PATIENT CANCER IN BANGKOK HOSPITAL HEADQUARTER

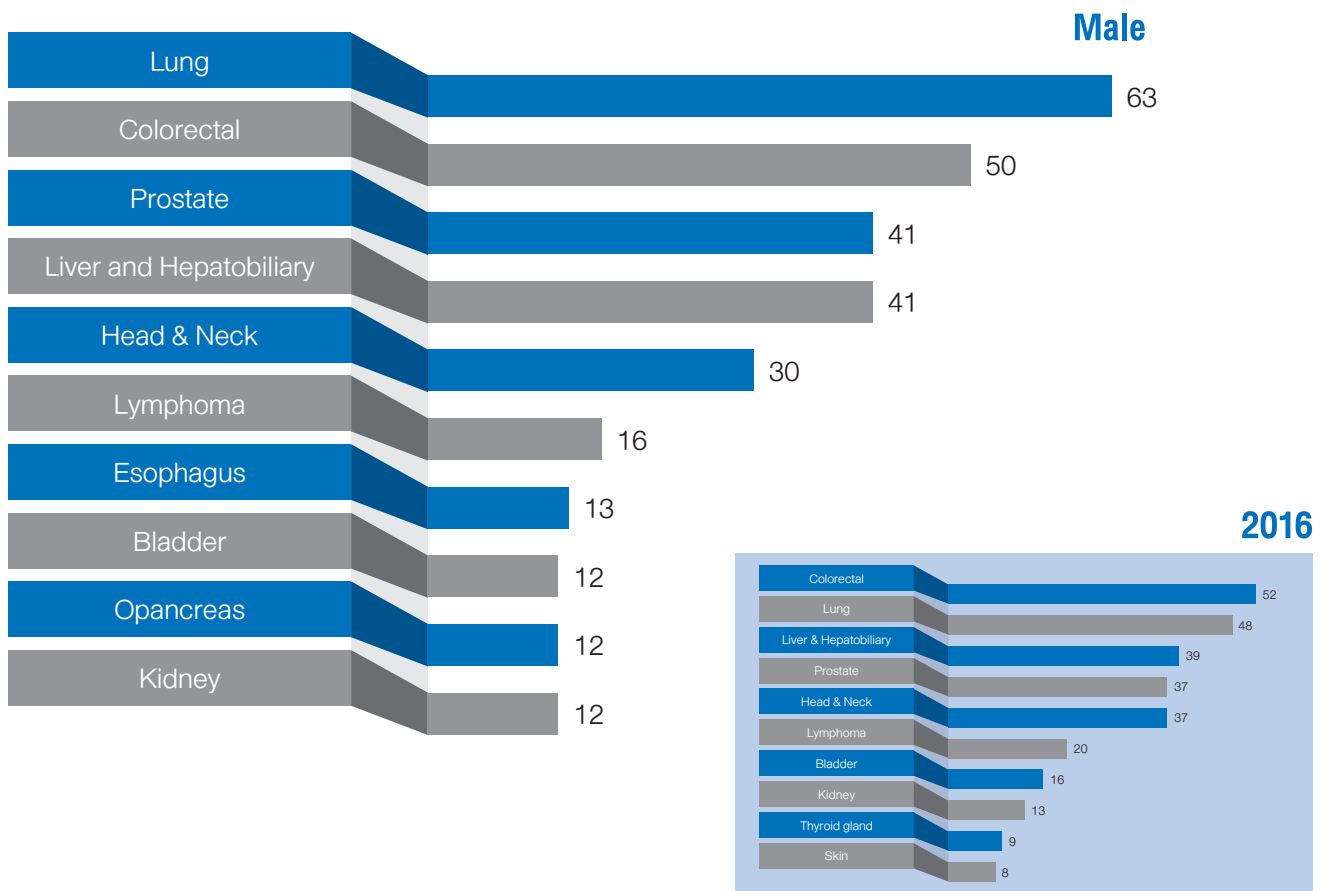
Code	Primary site	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
C50, D05	Breast (included DCIS)	1	0.28	276	47.02	277	29.50
C33-C34	Lung	63	17.90	58	9.88	121	12.89
C18-C20	Colorectal	50	14.20	48	8.18	98	10.44
C73	Thyroid gland	9	2.56	51	76.83	60	6.39
C22-C24	Liver and Hepatobiliary	41	11.65	16	6.23	57	6.07
C00-C14	Head & Neck	30	8.52	11	1.87	41	4.37
C61	Prostate	41	11.65	0	0.00	41	4.37
C81-C85	Lymphoma	16	4.55	11	1.87	27	2.88
C64-C65	Kidney	12	3.41	8	1.36	20	2.13
C53	Cervix	0	0.00	19	3.24	19	2.02

TOP 10 CANCER OF THAI PATIENT ALL GENDER

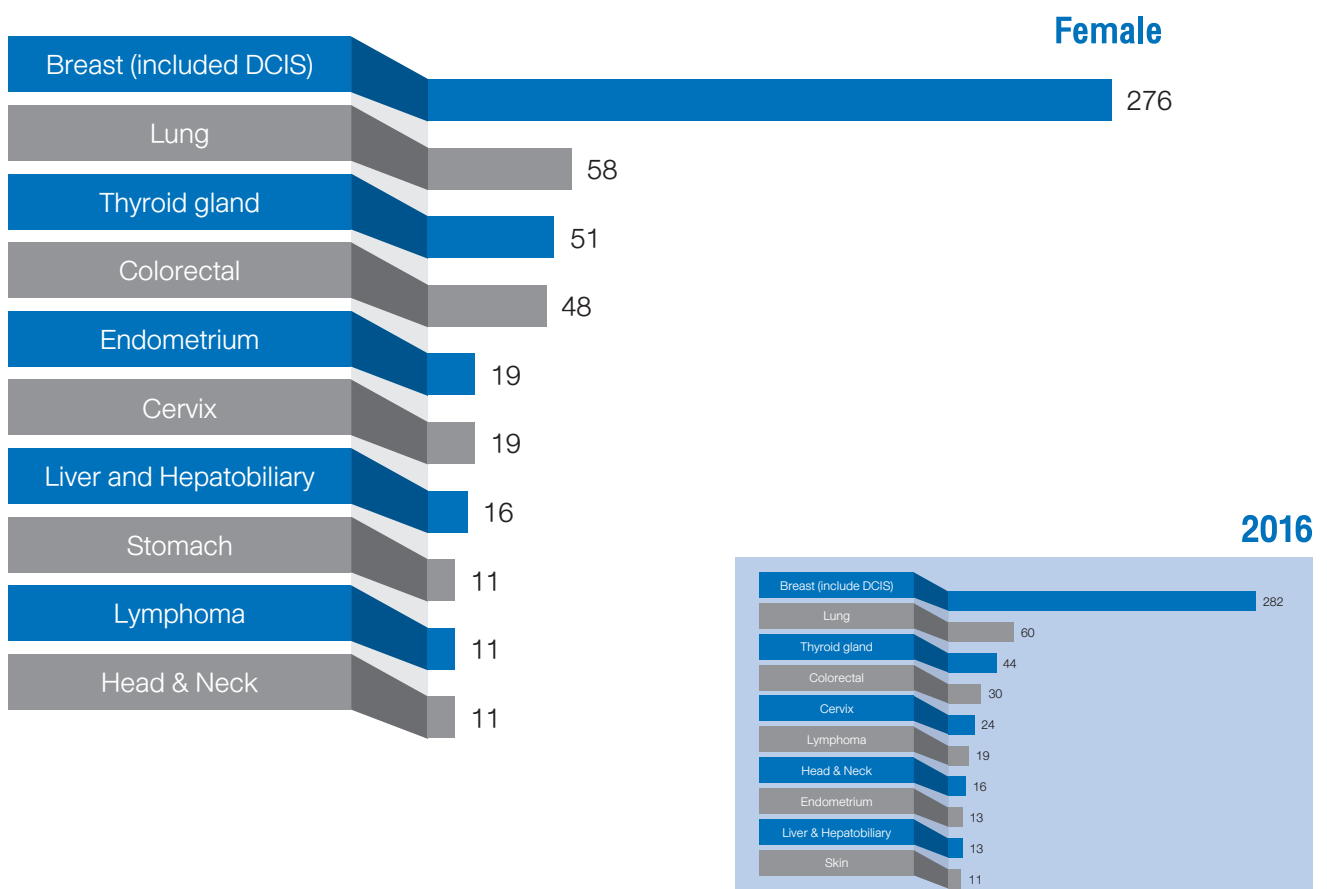


OVERALL CANCER

TOP 10 CANCER OF THAI PATIENT IN MALE



TOP 10 CANCER OF THAI PATIENT IN FEMALE

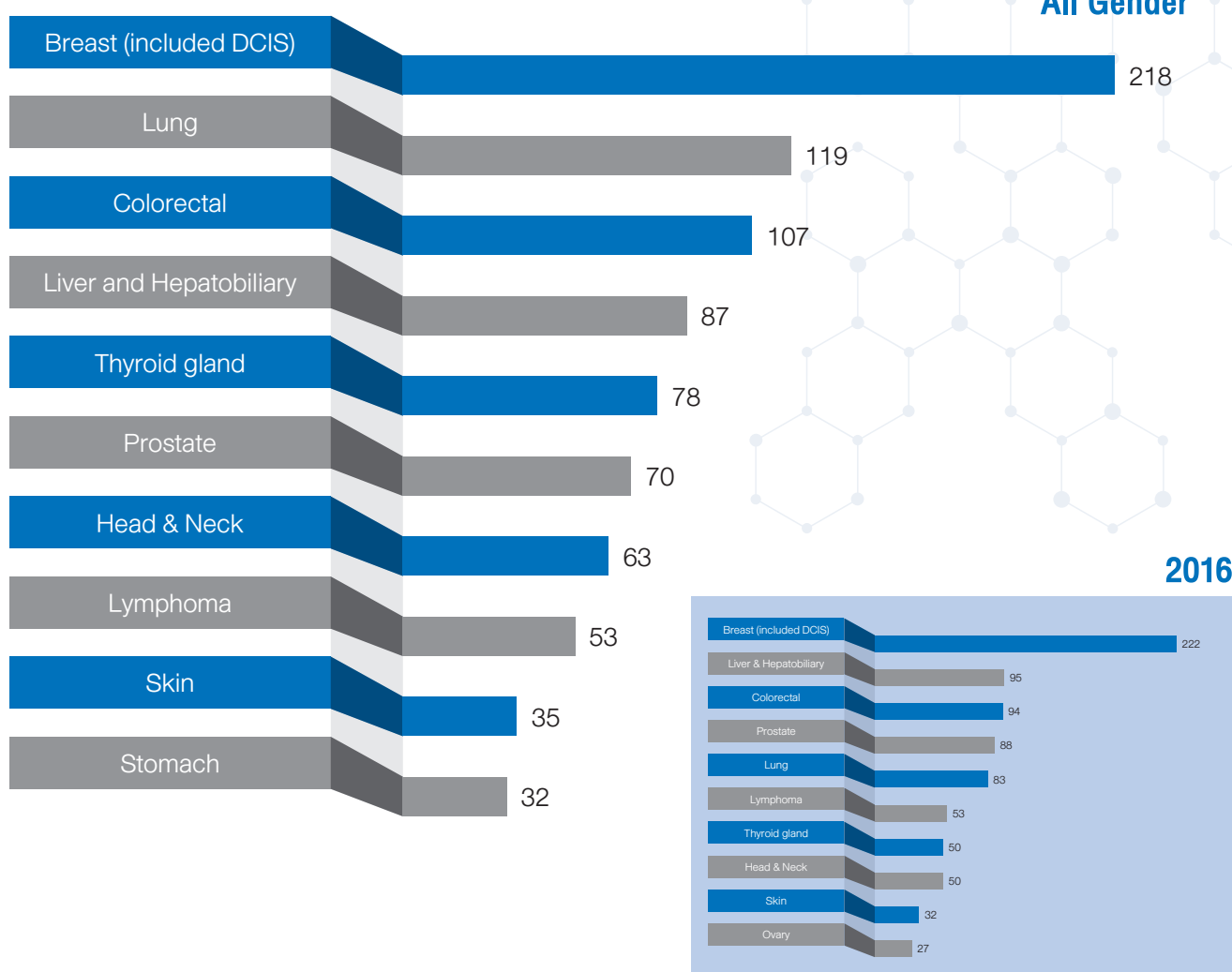




THE TOP 10 LEADING SITE OF NON-THAI PATIENT CANCER IN BANGKOK HOSPITAL HEADQUARTER

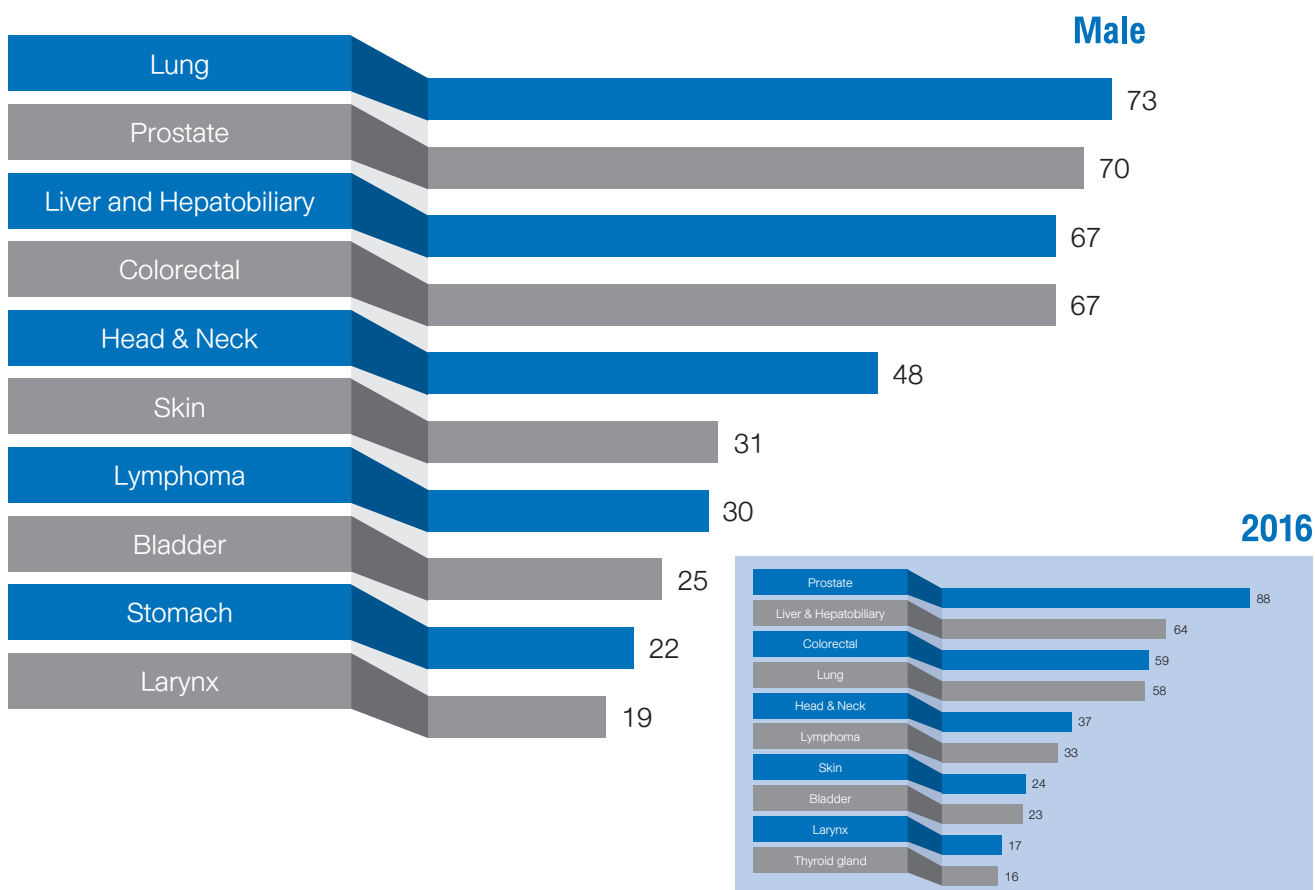
Code	Primary site	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
C50, D05	Breast (included DCIS)	2	0.36	216	38.99	218	19.52
C33-C34	Lung	73	12.97	46	8.30	119	10.65
C18-C20	Colorectal	67	11.90	40	7.22	107	9.58
C22-C24	Liver and Hepatobiliary	67	11.90	20	3.61	87	7.79
C73	Thyroid gland	18	3.20	60	10.83	78	6.98
C61	Prostate	70	12.43	0	0.00	70	6.27
C00-C14	Head & Neck	48	8.53	15	2.71	63	5.64
C81-C85	Lymphoma	30	5.33	23	4.15	53	4.74
C43-C44	Skin	31	5.51	4	0.72	35	3.13
C16	Stomach	22	3.91	10	1.81	32	2.86

TOP 10 CANCER OF NON-THAI PATIENT ALL GENDER

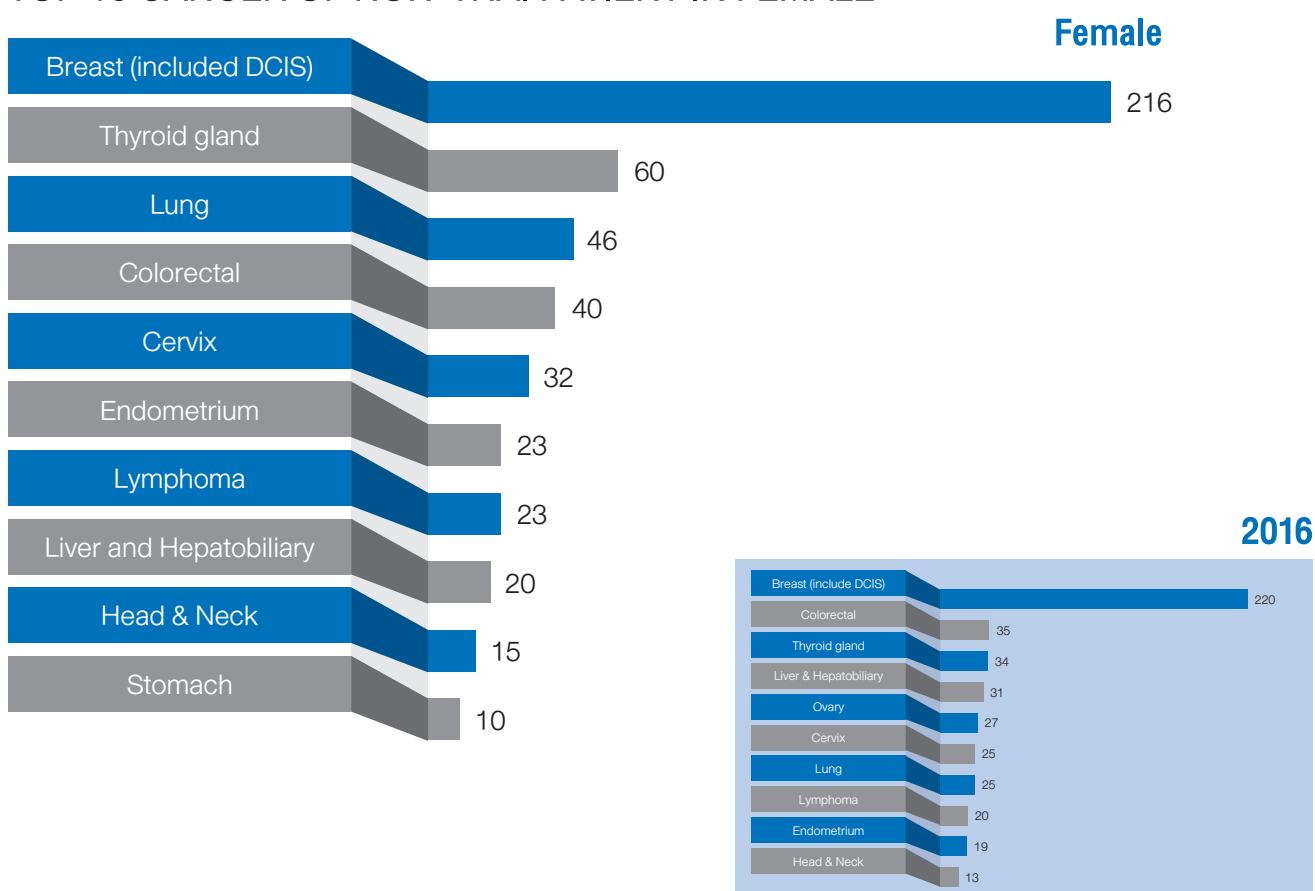


OVERALL CANCER

TOP 10 CANCER OF NON-THAI PATIENT IN MALE



TOP 10 CANCER OF NON-THAI PATIENT IN FEMALE



BREAST CANCER : PATHOLOGY



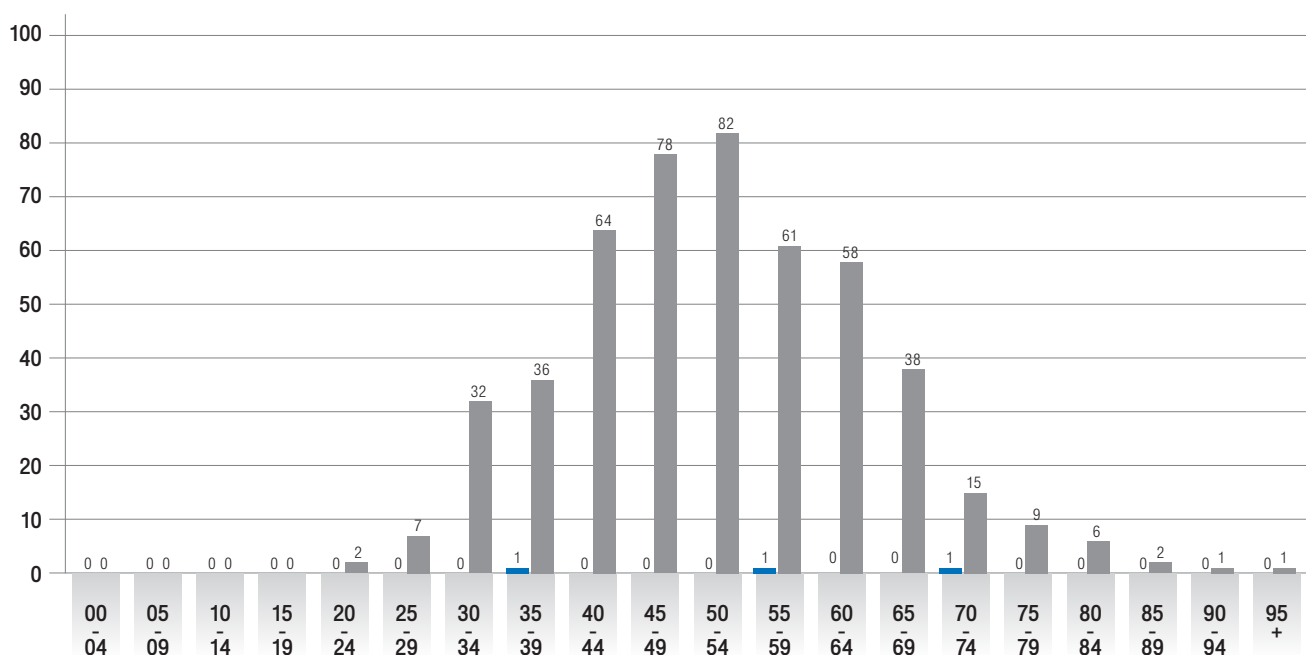
Tumor site		Number
50.0	Nipple	9
50.1	Central portion of breast	6
50.2	Upper-inner quadrant of breast	38
50.3	Lower-inner quadrant of breast	13
50.4	Upper-outer quadrant of breast	85
50.5	Lower-outer quadrant of breast	24
50.8	Overlapping lesion of breast	22
50.9	Breast, NOS	298
Total		495

Pathology Report		Number
8000/3	Malignant neoplasm	170
8010/3	Carcinoma, NOS	9
8050/3	Papillary carcinoma, NOS	3
8140/3	Adenocarcinoma, NOS	4
8480/2	Mucinous carcinoma in situ	1
8480/3	Mucinous carcinoma	5
8500/2	Ductal carcinoma in situ	38
8500/3	Infiltrating ductal carcinoma	244
8507/3	Invasive micropapillary carcinoma	1
8520/2	Lobular carcinoma in situ	1
8520/3	Lobular carcinoma	9
8522/3	Infiltrating duct and lobular carcinoma	3
8523/3	Infiltrating duct mixed with other type of carcinoma	1
8575/3	Metaplastic carcinoma, NOS	2
9020/3	Malignant phyllodes tumor	2
9591/3	Malignant lymphoma, Non-Hodgkin, NOS	1
Total		495

AGE AND GENDER

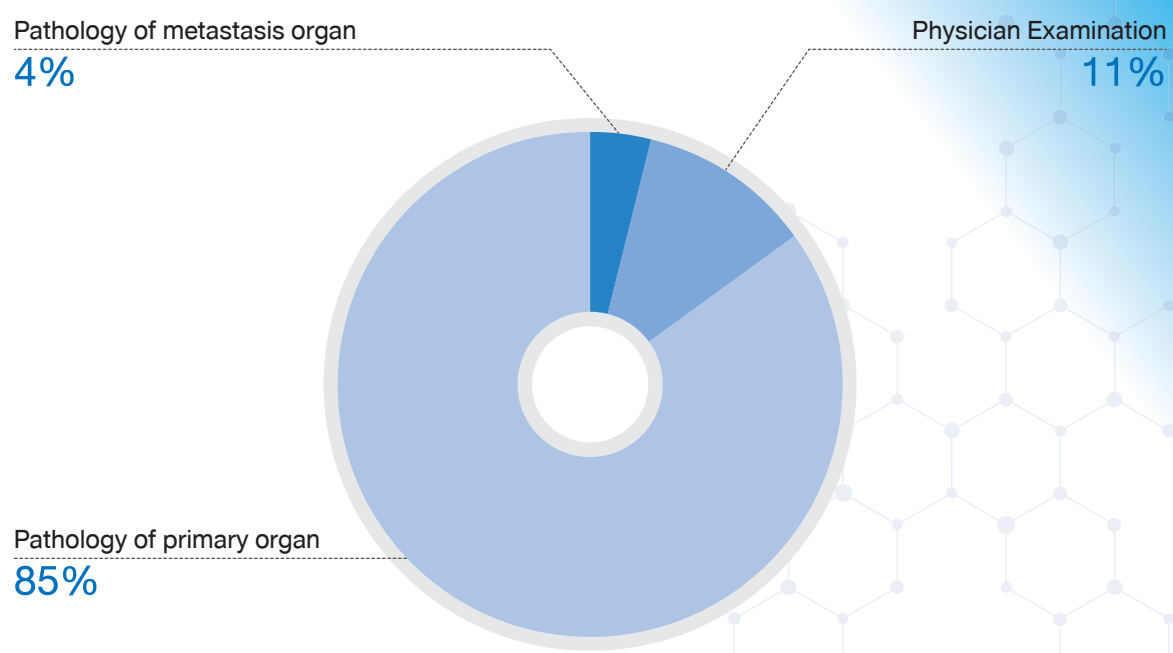
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	0	0.00	0	0.00
15 - 19	0	0.00	0	0.00	0	0.00
20 - 24	0	0.00	2	0.41	2	0.40
25 - 29	0	0.00	7	1.42	7	1.41
30 - 34	0	0.00	32	6.50	32	6.46
35 - 39	1	33.33	36	7.32	37	7.47
40 - 44	0	0.00	64	13.01	64	12.93
45 - 49	0	0.00	78	15.85	78	15.76
50 - 54	0	0.00	82	16.67	82	16.57
55 - 59	1	33.33	61	12.40	62	12.53
60 - 64	0	0.00	58	11.79	58	11.72
65 - 69	0	0.00	38	7.72	38	7.68
70 - 74	1	33.33	15	3.05	16	3.23
75 - 79	0	0.00	9	1.83	9	1.82
80 - 84	0	0.00	6	1.22	6	1.21
85 - 89	0	0.00	2	0.41	2	0.40
90 - 94	0	0.00	1	0.20	1	0.20
95 +	0	0.00	1	0.20	1	0.20
Total	3	100.00	492	100.00	495	100.00

■ Male ■ Female



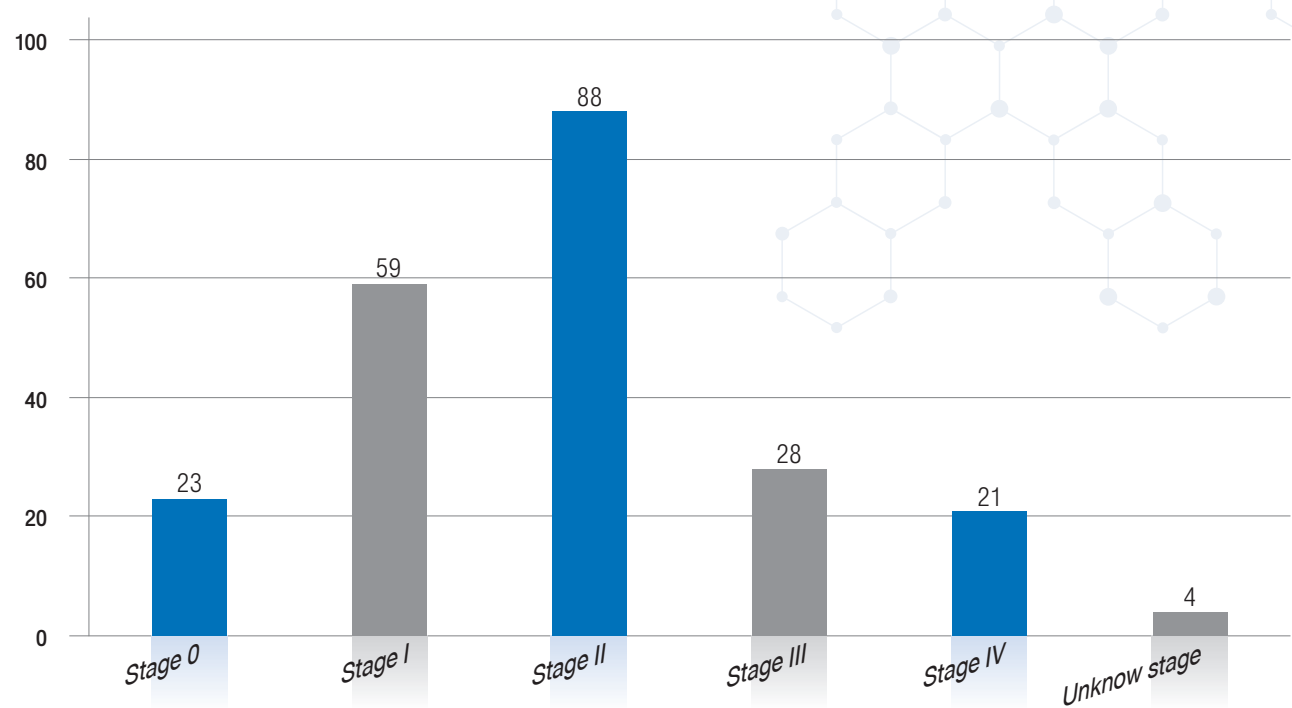


METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Physician Examination = Previously diagnosed as Breast cancer from other Hospital but no documentation of diagnosis

STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



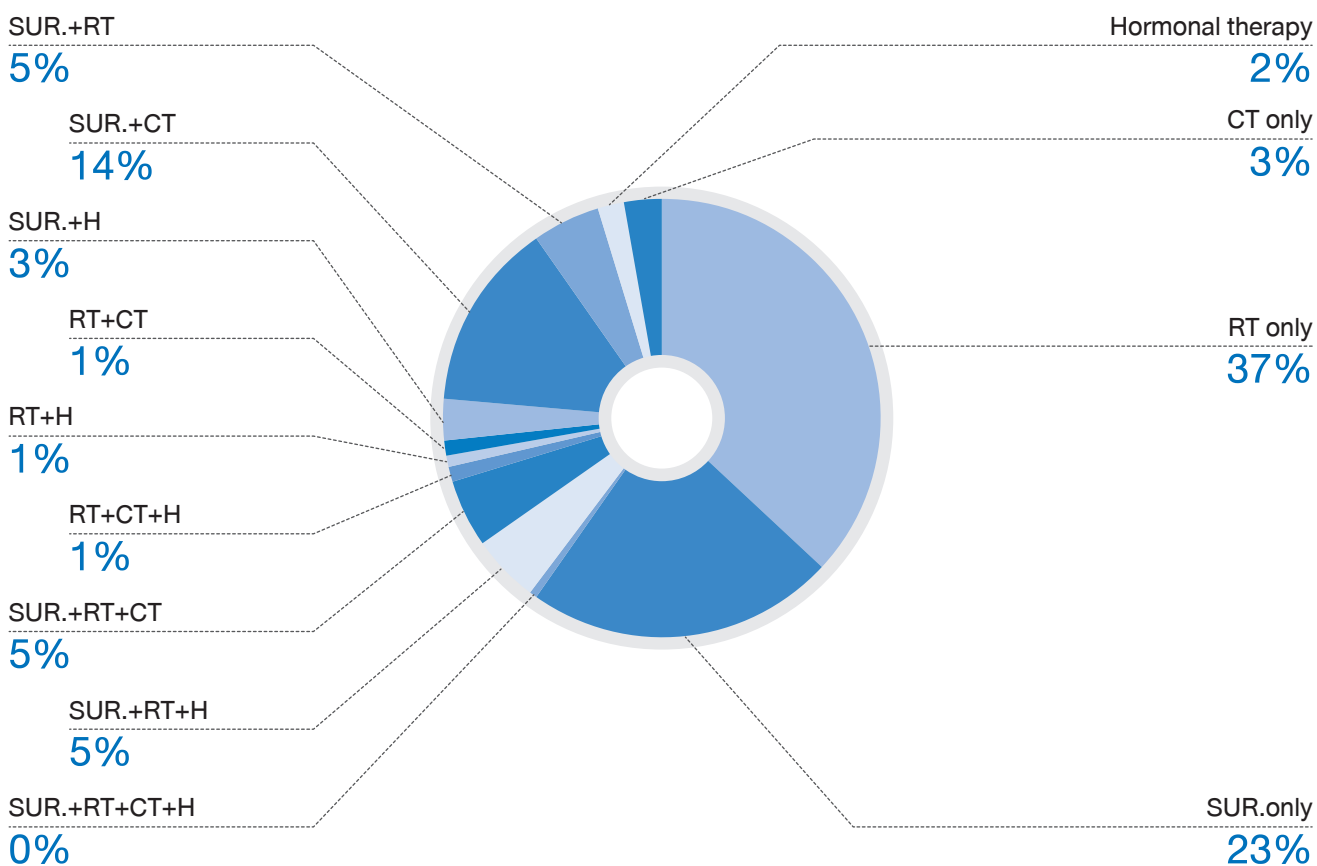
Stage 0 = Carcinoma in situ

Unspecified stage = Incomplete staging due to insufficient patient information

BREAST CANCER

TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	0	0.00	51	23.08	51	22.87
RT only	1	50.00	82	37.10	83	37.22
CT only	0	0.00	7	3.17	7	3.14
Hormonal therapy	0	0.00	4	1.81	4	1.79
SUR.+RT	0	0.00	10	4.52	10	4.48
SUR.+CT	1	50.00	30	13.57	31	13.90
SUR.+H	0	0.00	7	3.17	7	3.14
RT+CT	0	0.00	3	1.36	3	1.35
RT+H	0	0.00	2	0.90	2	0.90
RT+CT+H	0	0.00	2	0.90	2	0.90
SUR.+RT+CT	0	0.00	10	4.52	10	4.48
SUR.+RT+H	0	0.00	12	5.43	12	5.38
SUR.+RT+CT+H	0	0.00	1	0.45	1	0.45
Total	2	100.00	221	100.00	223	100.00



SUR. = Surgery

RT = External radiation therapy

CT = Chemotherapy

H (Hormone) = Hormonal therapy

T = Targeted therapy



FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	2	100.00	221	100.00	223	100.00
Dead	0	0.00	0	0.00	0	0.00
Total	2	100.00	221	100.00	223	100.00

Alive
100%



LUNG CANCER : PATHOLOGY

Tumor site		Number
33.9	Trachea	1
34.0	Main bronchus	2
34.1	Upper lobe, lung	55
34.2	Middle lobe, lung	13
34.3	Lower lobe, lung	37
34.8	Overlapping lesion of lung	2
34.9	Lung, NOS	130
Total		240

Pathology Report		Number
M8000/3	Malignant neoplasm	91
M8010/3	Carcinoma, NOS	3
M8012/3	Large cell carcinoma, NOS	2
M8021/3	Anaplastic carcinoma, NOS	1
M8041/3	Small cell carcinoma, NOS	14
M8046/3	Non small cell carcinoma	19
M8070/3	Squamous cell carcinoma, NOS	8
M8140/3	Adenocarcinoma, NOS	85
M8200/3	Adenoid cystic carcinoma	1
M8240/3	Carcinoid tumor, NOS	1
M8246/3	Neuroendocrine carcinoma	2
M8260/3	Papillary adenocarcinoma	2
M8310/3	Clear cell carcinoma	1
M8480/3	Mucinous adenocarcinoma	3
M8481/3	Mucin-producing adenocarcinoma	2
M8550/3	Acinar cell carcinoma	1
M8560/3	Adenosquamous carcinoma	1
M9050/3	Mesothelioma, malignant	2
M9591/3	Non-Hodgkin lymphoma, NOS	1
Total		240

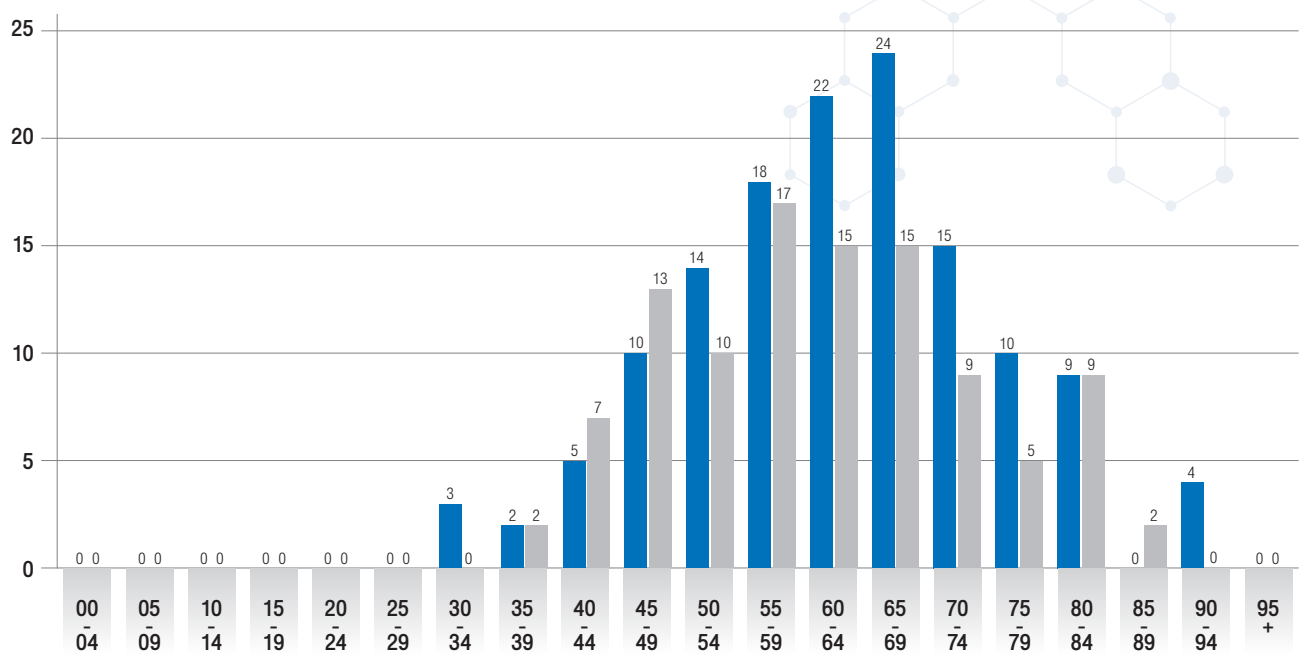


AGE AND GENDER

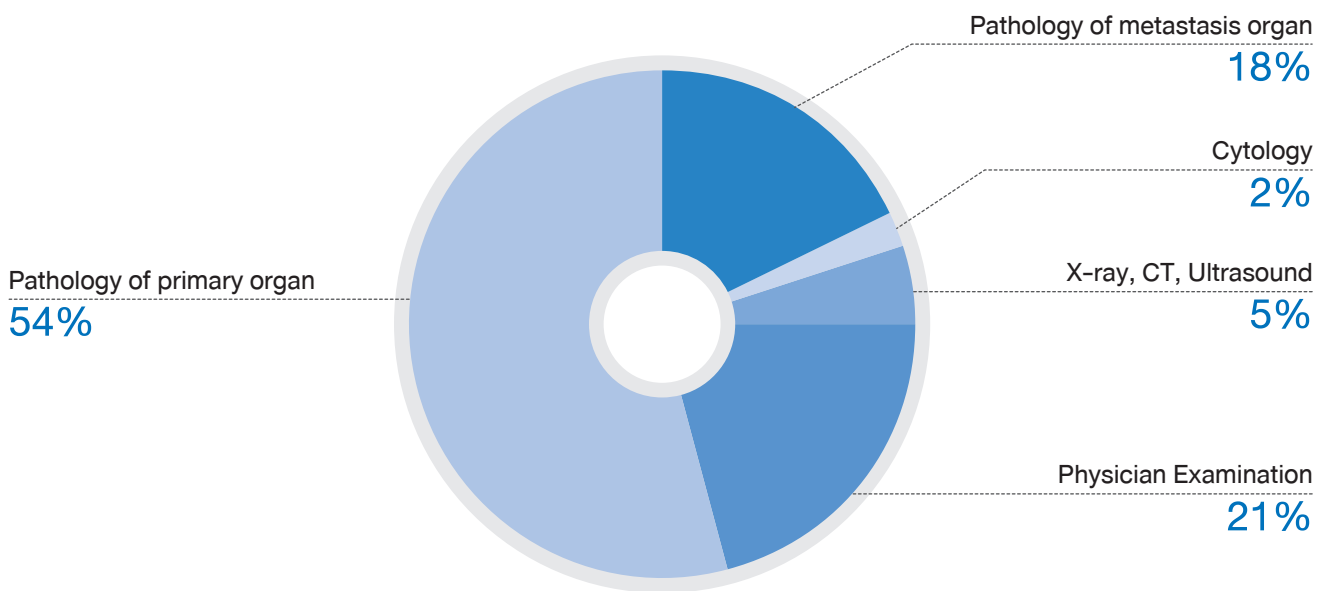
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	0	0.00	0	0.00
15 - 19	0	0.00	0	0.00	0	0.00
20 - 24	0	0.00	0	0.00	0	0.00
25 - 29	0	0.00	0	0.00	0	0.00
30 - 34	3	2.21	0	0.00	3	1.25
35 - 39	2	1.47	2	1.92	4	1.67
40 - 44	5	3.68	7	6.73	12	5.00
45 - 49	10	7.35	13	12.50	23	9.58
50 - 54	14	10.29	10	9.62	24	10.00
55 - 59	18	13.24	17	16.35	35	14.58
60 - 64	22	16.18	15	14.42	37	15.42
65 - 69	24	17.65	15	14.42	39	16.25
70 - 74	15	11.03	9	8.65	24	10.00
75 - 79	10	7.35	5	4.81	15	6.25
80 - 84	9	6.62	9	8.65	18	7.50
85 - 89	0	0.00	2	1.92	2	0.83
90 - 94	4	2.94	0	0.00	4	1.67
95 +	0	0.00	0	0.00	0	0.00
Total	136	100.00	104	100.00	240	100.00

LUNG CANCER

■ Male ■ Female

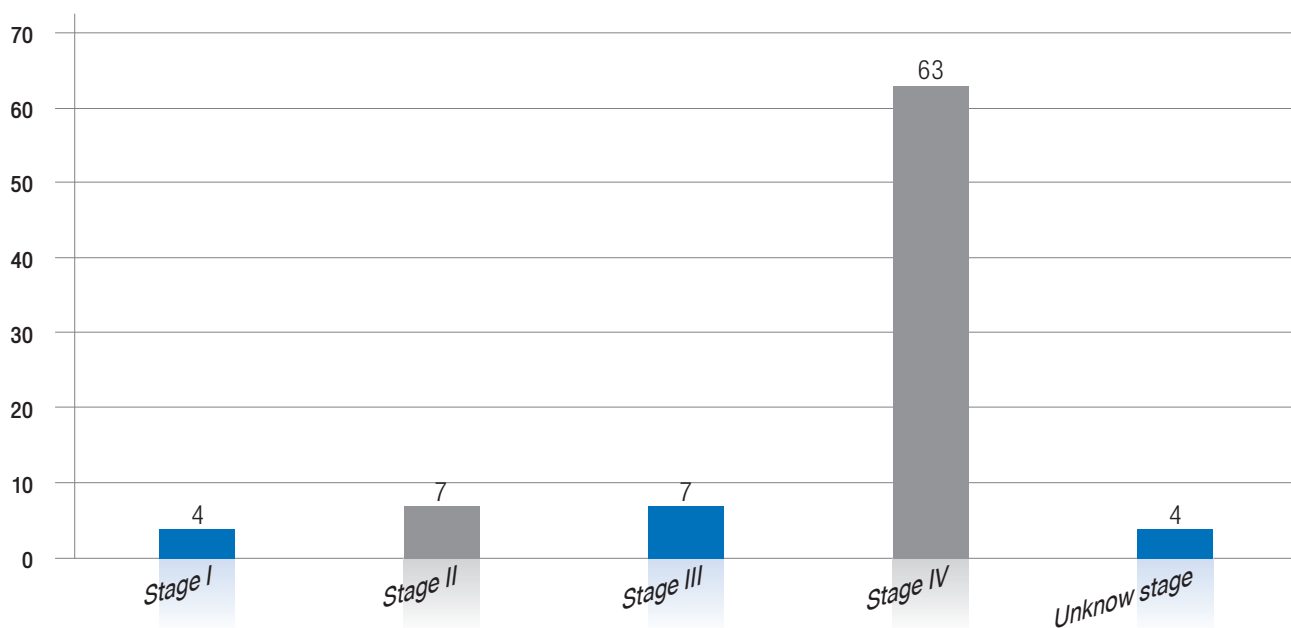


METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Physician Examination = Previously diagnosed as Lung cancer from other Hospital but no documentation of diagnosis

STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

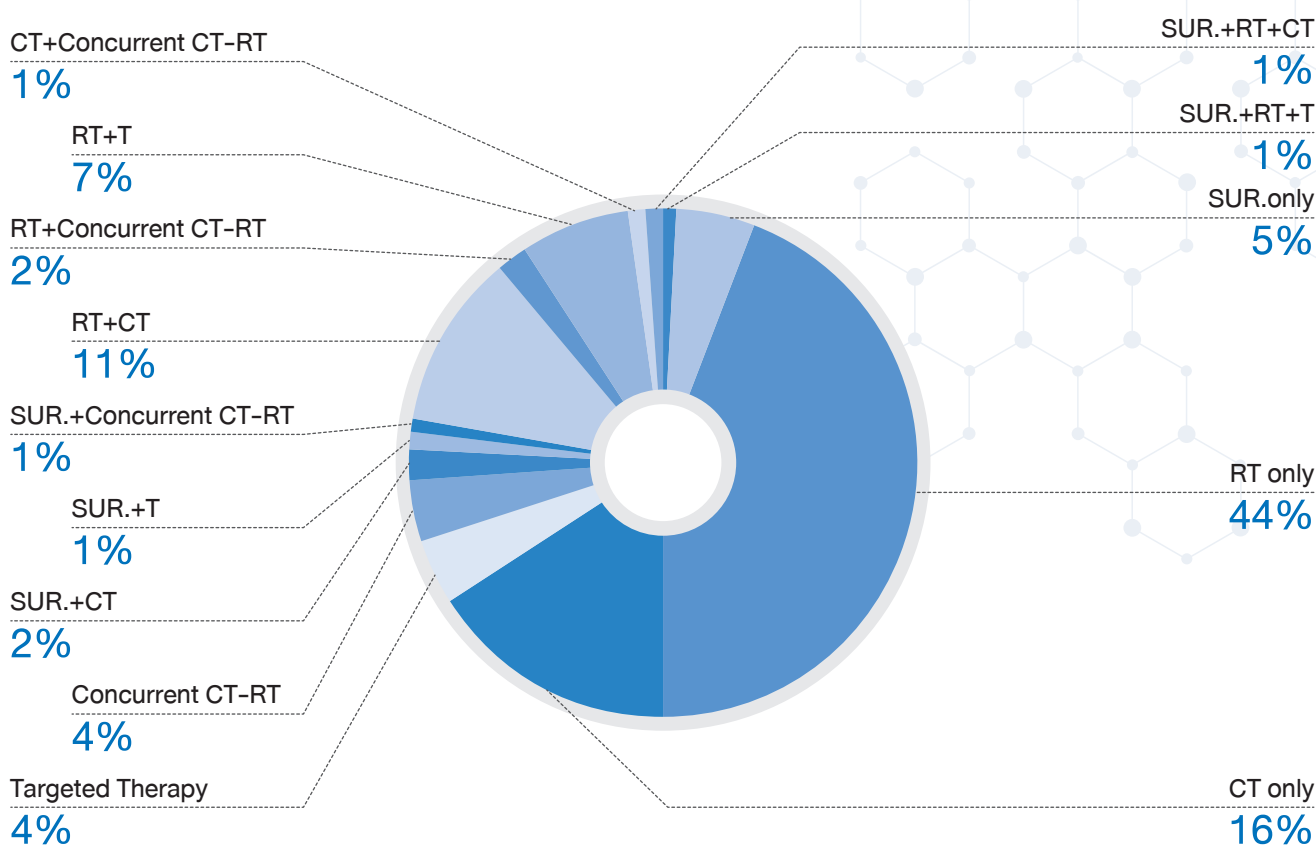


Unspecified stage = Incomplete staging due to insufficient patient information



TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	1	1.85	3	9.68	4	4.71
RT only	27	50.00	10	32.26	37	43.53
CT only	9	16.67	5	16.13	14	16.47
Targeted Therapy	2	3.70	1	3.23	3	3.53
Concurrent CT-RT	2	3.70	1	3.23	3	3.53
SUR.+CT	1	1.85	1	3.23	2	2.35
SUR.+T	0	0.00	1	3.23	1	1.18
SUR.+Concurrent CT-RT	1	1.85	0	0.00	1	1.18
RT+CT	9	16.67	0	0.00	9	10.59
RT+Concurrent CT-RT	0	0.00	2	6.45	2	2.35
RT+T	0	0.00	6	19.35	6	7.06
CT+Concurrent CT-RT	1	1.85	0	0.00	1	1.18
SUR.+RT+CT	1	1.85	0	0.00	1	1.18
SUR.+RT+T	0	0.00	1	3.23	1	1.18
Total	54	100.00	31	100.00	85	100.00

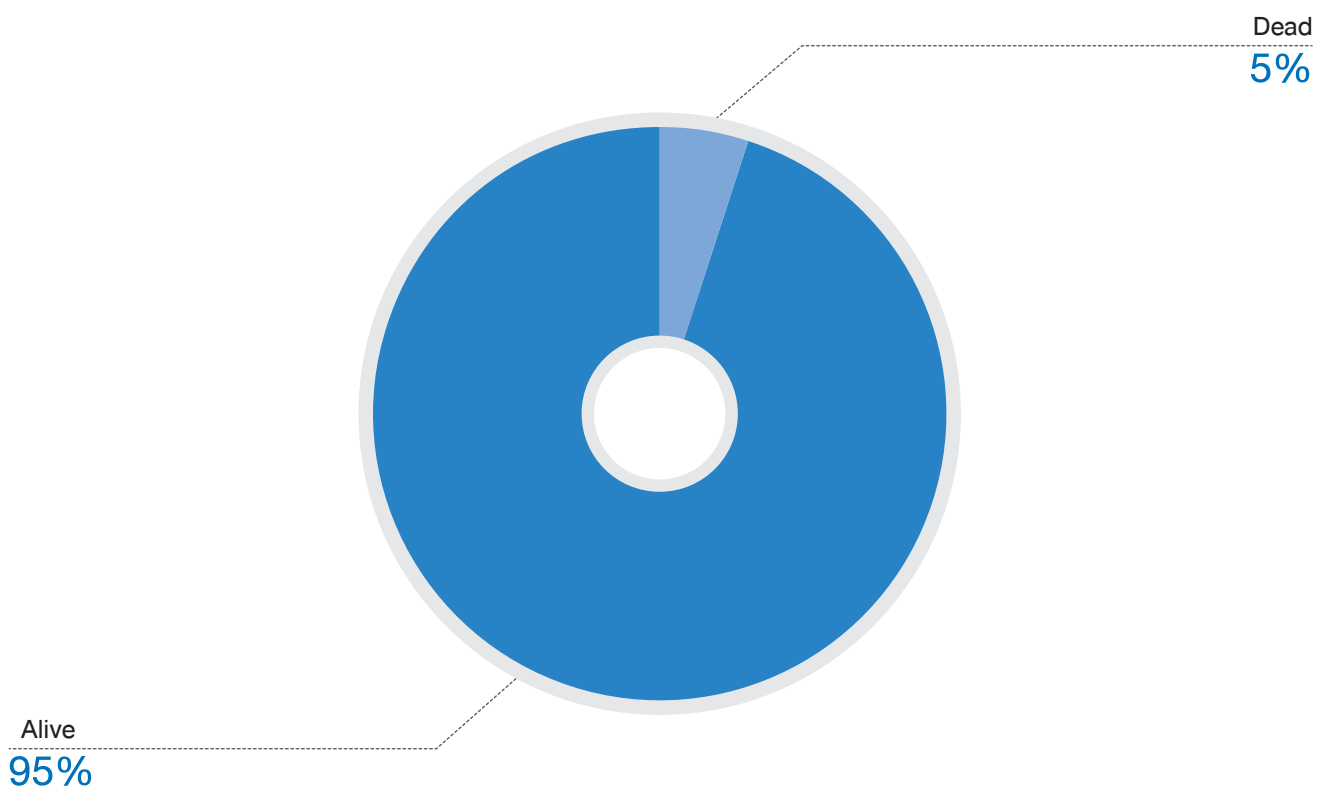


SUR. = Surgery
 RT = External radiation therapy
 CT = Chemotherapy
 T = Targeted therapy

LUNG CANCER

FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	51	94.44	30	96.77	81	95.29
Dead	3	5.56	1	3.23	4	4.71
Total	54	100.00	31	100.00	85	100.00



COLORECTAL CANCER : PATHOLOGY



Tumor site		Number
C18.0	Cecum colon	7
C18.1	Appendix	4
C18.2	Ascending colon	18
C18.3	Hepatic flexure of colon	4
C18.4	Transverse colon	3
C18.5	Splenic flexure of colon	6
C18.6	Descending colon	3
C18.7	Sigmoid colon	40
C18.9	Colon, NOS	43
C19.9	Rectosigmoid colon	9
C20.9	Rectum	68
Total		205

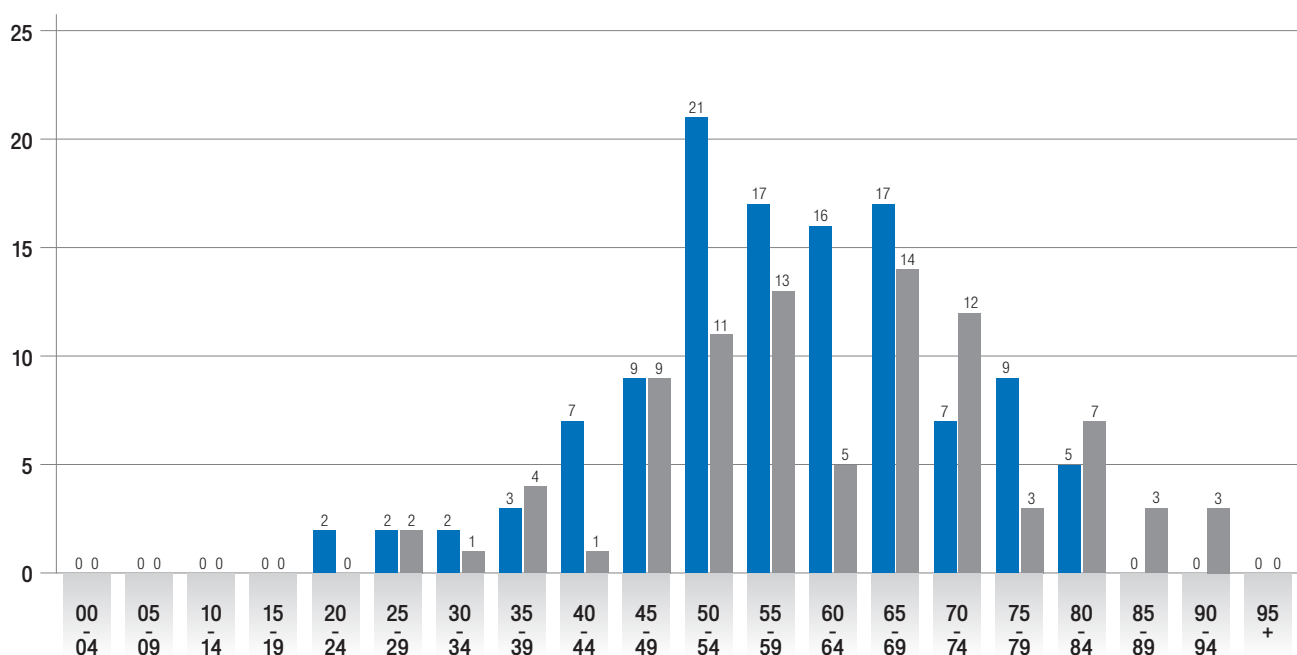
Pathology Report		Number
M8000/3	Malignant neoplasm	77
M8010/3	Carcinoma, NOS	1
M8140/3	Adenocarcinoma	115
M8144/3	Adenocarcinoma, intestinal type	1
M8240/3	Carcinoid tumor, NOS	1
M8246/3	Neuroendocrine carcinoma	1
M8480/3	Mucinous adenocarcinoma	4
M8481/3	Mucin producing adenocarcinoma	1
M8490/3	Signet ring cell adenocarcinoma	1
M8490/3	Signet ring cell carcinoma	3
Total		176

COLORECTAL CANCER

AGE AND GENDER

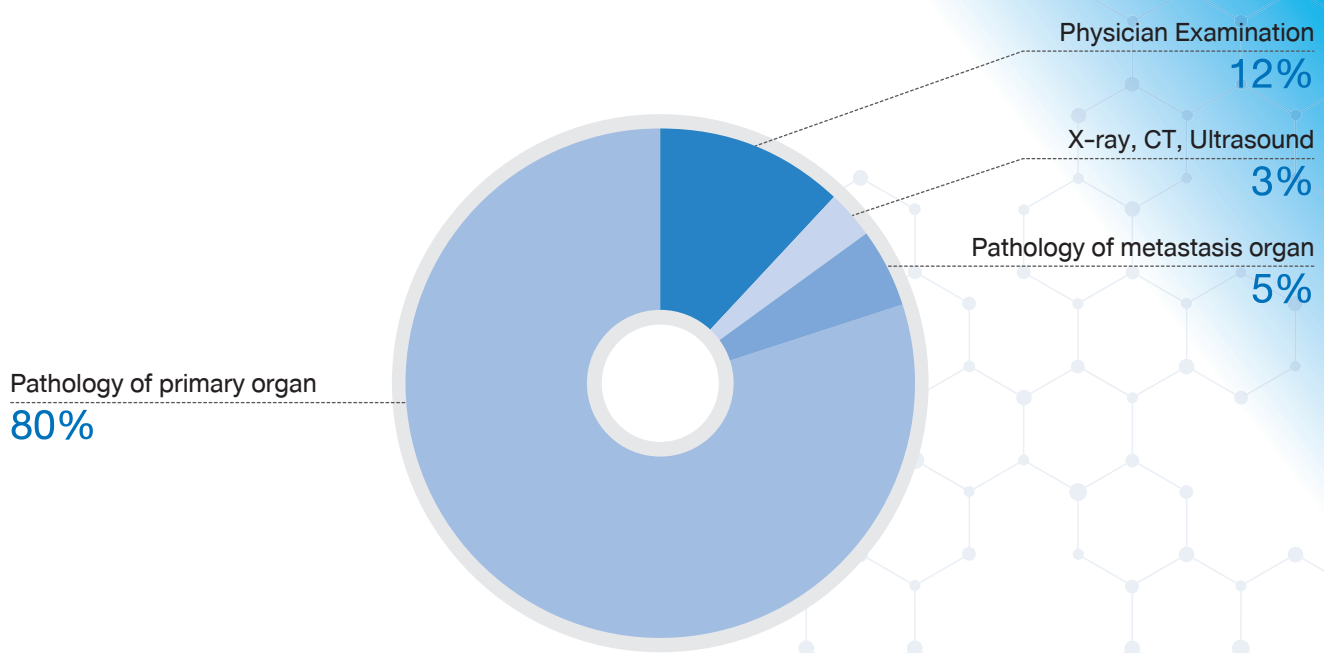
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	0	0.00	0	0.00
15 - 19	0	0.00	0	0.00	0	0.00
20 - 24	2	1.71	0	0.00	2	0.98
25 - 29	2	1.71	2	2.27	4	1.95
30 - 34	2	1.71	1	1.14	3	1.46
35 - 39	3	2.56	4	4.55	7	3.41
40 - 44	7	5.98	1	1.14	8	3.90
45 - 49	9	7.69	9	10.23	18	8.78
50 - 54	21	17.95	11	12.50	32	15.61
55 - 59	17	14.53	13	14.77	30	14.63
60 - 64	16	13.68	5	5.68	21	10.24
65 - 69	17	14.53	14	15.91	31	15.12
70 - 74	7	5.98	12	13.64	19	9.27
75 - 79	9	7.69	3	3.41	12	5.85
80 - 84	5	4.27	7	7.95	12	5.85
85 - 89	0	0.00	3	3.41	3	1.46
90 - 94	0	0.00	3	3.41	3	1.46
95 +	0	0.00	0	0.00	0	0.00
Total	117	100.00	88	100.00	205	100.00

■ Male ■ Female



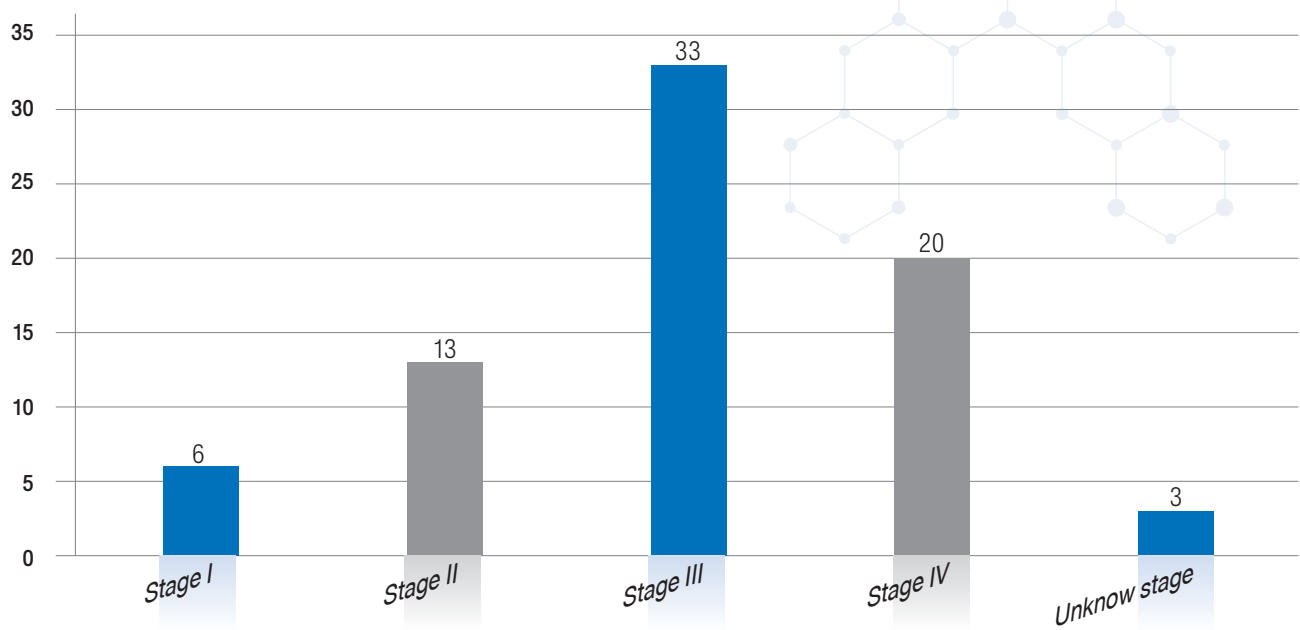


METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Physician Examination = Previously diagnosed as Colorectal cancer from other Hospital but no documentation of diagnosis

STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

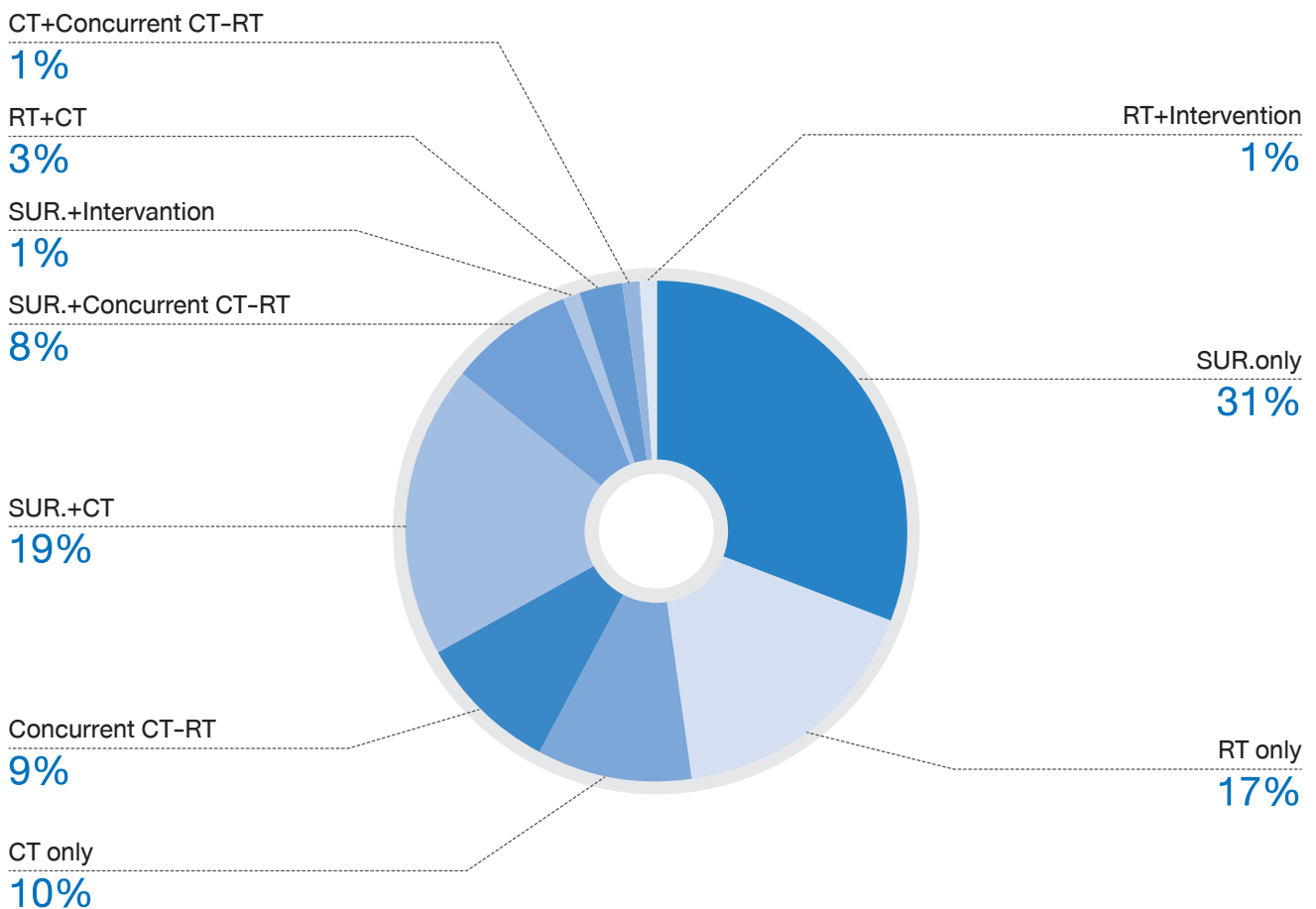


Unspecified stage = Incomplete staging due to insufficient patient information

COLORECTAL CANCER

TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Management of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	12	29.27	11	32.35	23	30.67
RT only	8	19.51	5	14.71	13	17.33
CT only	3	7.32	4	11.76	7	9.33
Concurrent CT-RT	3	7.32	4	11.76	7	9.33
SUR.+CT	9	21.95	5	14.71	14	18.67
SUR.+Concurrent CT-RT	4	9.76	2	5.88	6	8.00
SUR.+Intervention	0	0.00	1	2.94	1	1.33
RT+CT	1	2.44	1	2.94	2	2.67
CT+Concurrent CT-RT	0	0.00	1	2.94	1	1.33
RT+Intervention	1	2.44	0	0.00	1	1.33
Total	41	100.00	34	100.00	75	100.00



SUR. = Surgery

RT = External radiation therapy

CT = Chemotherapy

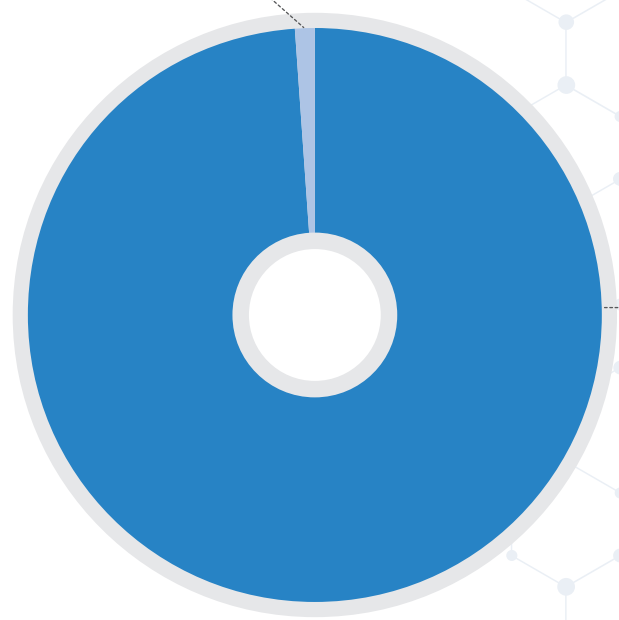
T = Targeted therapy



FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	41	100.00	33	97.06	74	98.67
Dead	0	0.00	1	2.94	1	1.33
Total	41	100.00	34	100.00	75	100.00

Dead
1%



Alive
99%

COLORECTAL CANCER

HEPATOBIILIARY CANCER : PATHOLOGY

Tumor site		Number
C22.0	Liver	112
C22.1	Intrahepatic bile duct	19
C23.9	Gallbladder	10
C24.1	Ampullar of vater	3
Total		144

Pathology Report		Number
M8000/3	Malignant neoplasm	99
M8010/3	Carcinoma, NOS	1
M8140/3	Adenocarcinoma, NOS	16
M8160/3	Cholangiocarcinoma	3
M8170/3	Hepatocellular carcinoma, NOS	22
M8240/3	Carcinoid tumor	1
M8249/3	Atypical carcinoid tumor	1
M9120/3	Angiosarcoma	1
Total		144

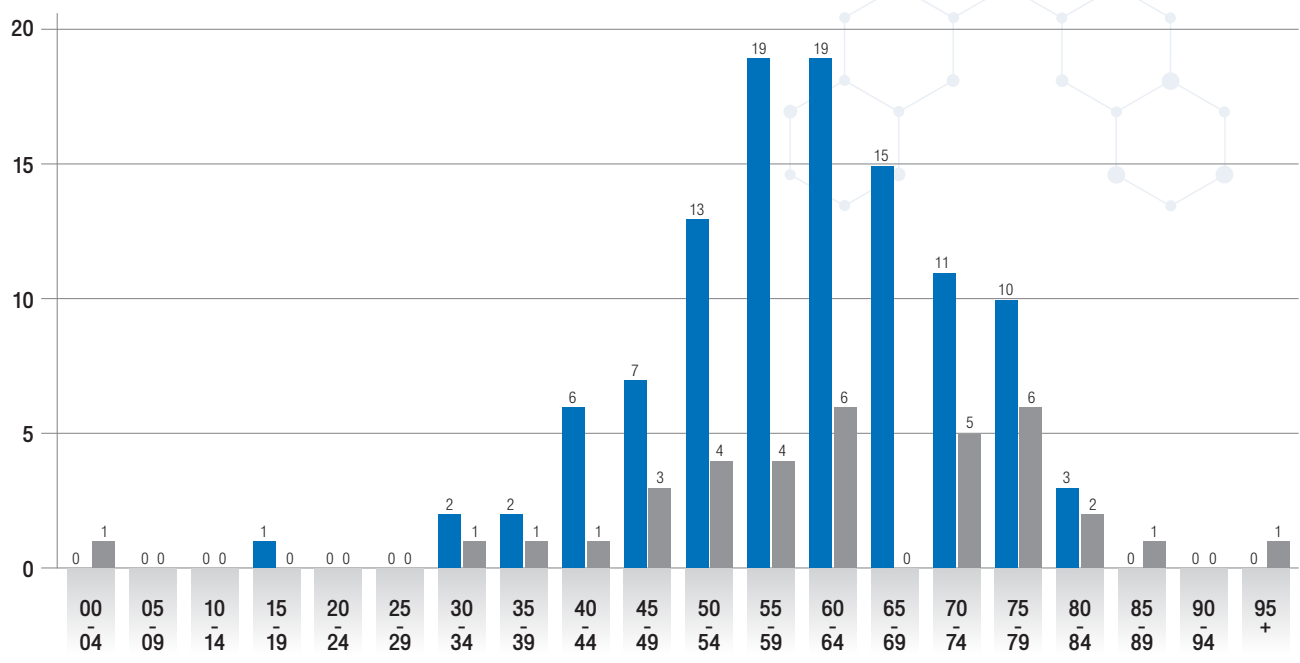


AGE AND GENDER

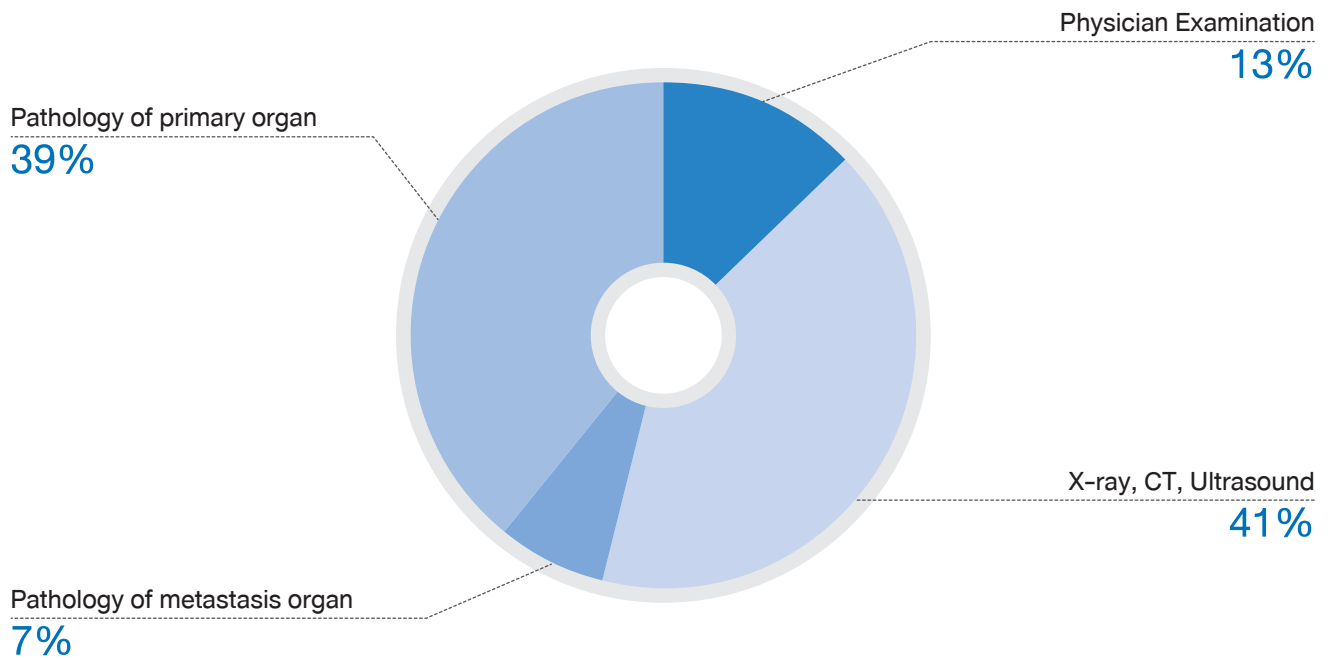
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	1	2.78	1	0.69
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	0	0.00	0	0.00
15 - 19	1	0.93	0	0.00	1	0.69
20 - 24	0	0.00	0	0.00	0	0.00
25 - 29	0	0.00	0	0.00	0	0.00
30 - 34	2	1.85	1	2.78	3	2.08
35 - 39	2	1.85	1	2.78	3	2.08
40 - 44	6	5.56	1	2.78	7	4.86
45 - 49	7	6.48	3	8.33	10	6.94
50 - 54	13	12.04	4	11.11	17	11.81
55 - 59	19	17.59	4	11.11	23	15.97
60 - 64	19	17.59	6	16.67	25	17.36
65 - 69	15	13.89	0	0.00	15	10.42
70 - 74	11	10.19	5	13.89	16	11.11
75 - 79	10	9.26	6	16.67	16	11.11
80 - 84	3	2.78	2	5.56	5	3.47
85 - 89	0	0.00	1	2.78	1	0.69
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	1	2.78	1	0.69
Total	108	100.00	36	100.00	144	100.00

HEPATOBIILIARY CANCER

■ Male ■ Female

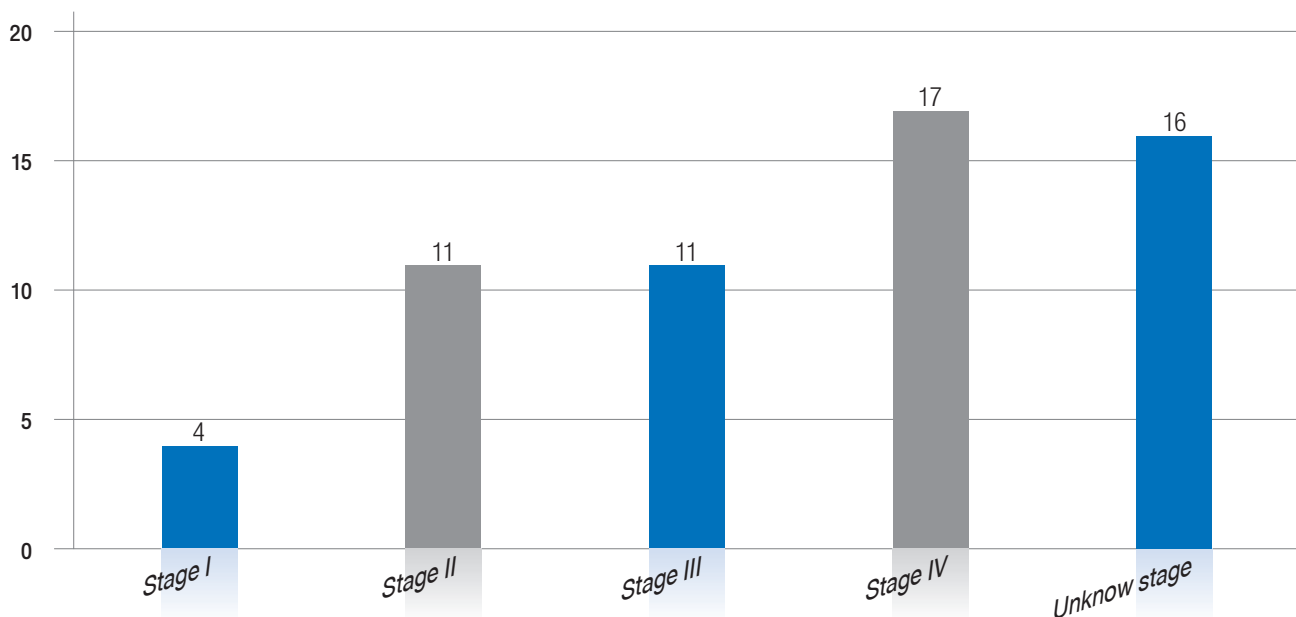


METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Physician Examination = Previously diagnosed as Colorectal cancer from other Hospital but no documentation of diagnosis

STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

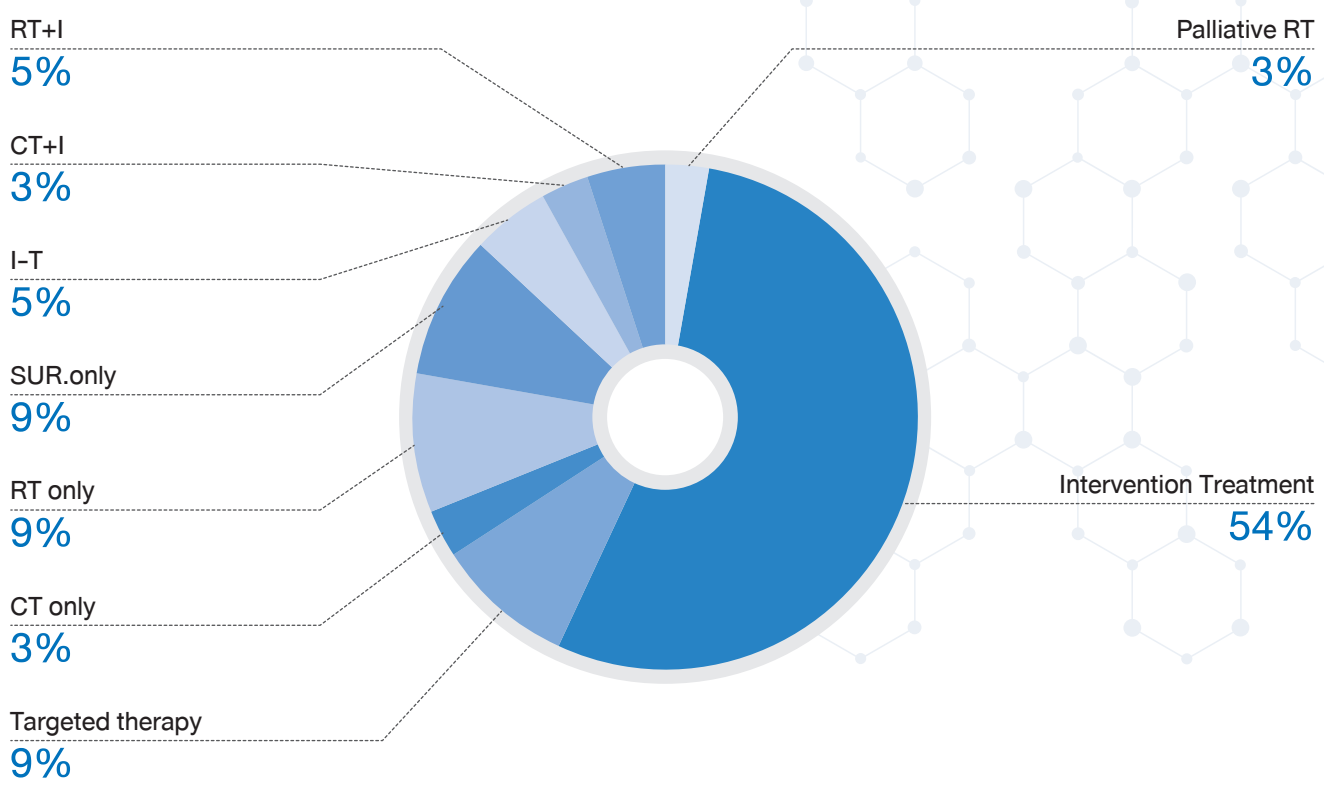


Unspecified stage = Incomplete staging due to insufficient patient information



TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	2	4.65	3	18.75	5	8.47
RT only	4	9.30	1	6.25	5	8.47
CT only	1	2.33	1	6.25	2	3.39
Targeted therapy	4	9.30	1	6.25	5	8.47
Intervention Treatment	24	55.81	8	50.00	32	54.24
Palliative RT	1	2.33	1	6.25	2	3.39
RT+I	3	6.98	0	0.00	3	5.08
CT+I	2	4.65	0	0.00	2	3.39
I-T	2	4.65	1	6.25	3	5.08
Total	43	100.00	16	100.00	59	100.00

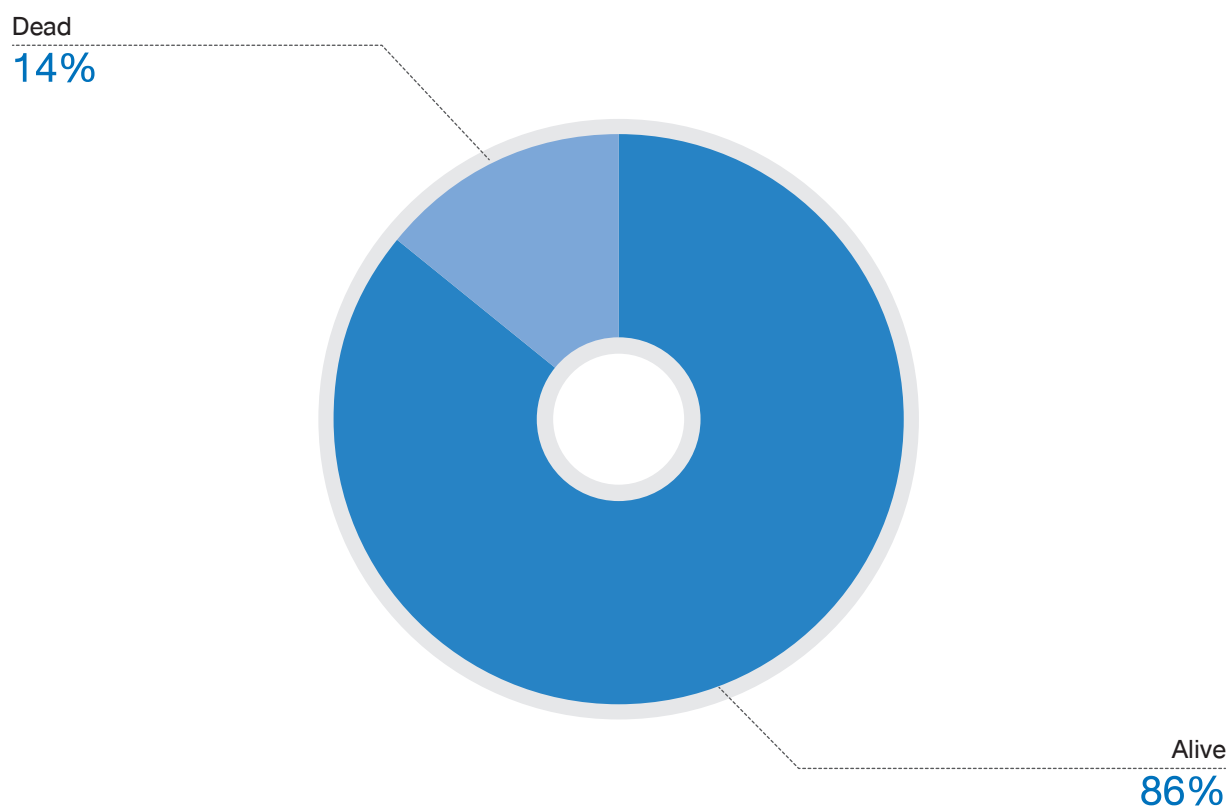


HEPATOBIILIARY CANCER

SUR. = Surgery
 RT = External radiation therapy
 CT = Chemotherapy
 T = Targeted therapy
 I = Intervention

FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	40	93.02	11	68.75	51	86.44
Dead	3	6.98	5	31.25	8	13.56
Total	43	100.00	16	100.00	59	100.00



THYROID CANCER : PATHOLOGY



Tumor site		Number
C73.9	Thyroid gland	137
Total		137

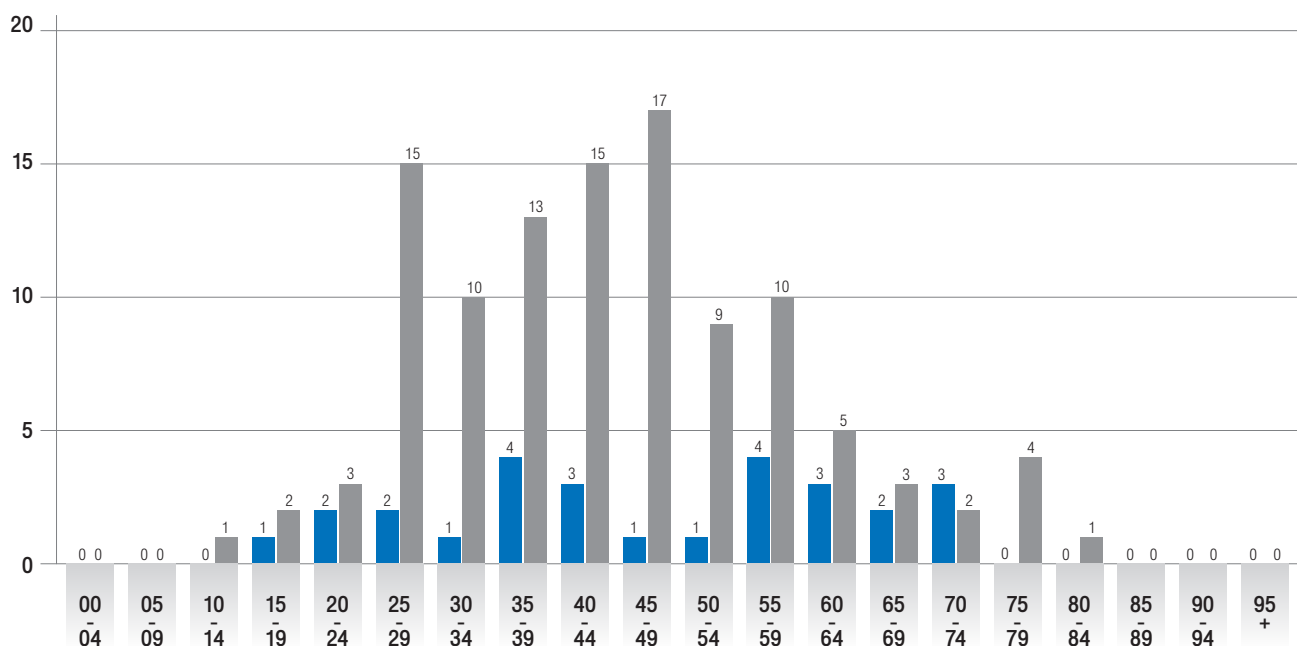
Pathology Report		Number
M8000/3	Malignant neoplasm	23
M8010/3	Carcinoma, NOS	1
M8021/3	Anaplastic carcinoma	2
M8260/3	Papillary carcinoma of thyroid	52
M8290/3	Hurthle cell carcinoma	1
M8330/3	Follicular adenocarcinoma	1
M8330/3	Follicular carcinoma	9
M8340/3	Papillary carcinoma follicular variant	22
M8341/3	Papillary microcarcinoma	24
M8344/3	Papillary carcinoma, tall cell	1
M8345/3	Medullary carcinoma of thyroid	1
Total		125

THYROID CANCER

AGE AND GENDER

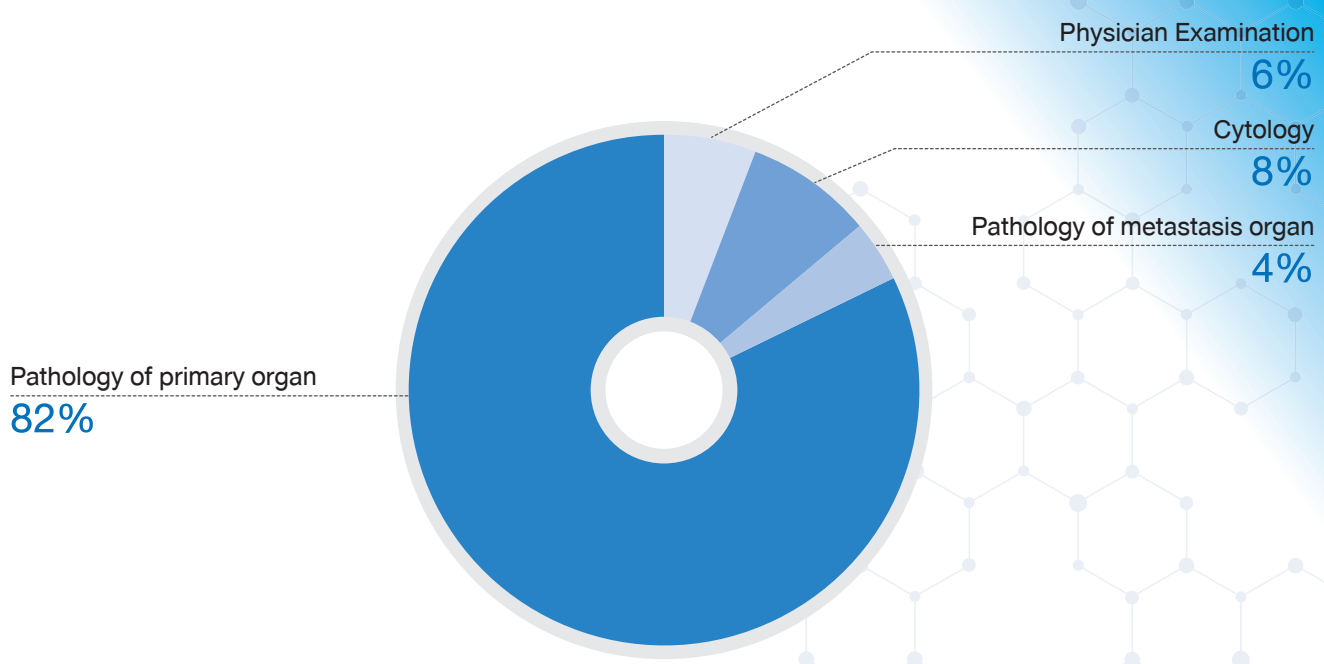
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	1	0.91	1	0.73
15 - 19	1	3.70	2	1.82	3	2.19
20 - 24	2	7.41	3	2.73	5	3.65
25 - 29	2	7.41	15	13.64	17	12.41
30 - 34	1	3.70	10	9.09	11	8.03
35 - 39	4	14.81	13	11.82	17	12.41
40 - 44	3	11.11	15	13.64	18	13.14
45 - 49	1	3.70	17	15.45	18	13.14
50 - 54	1	3.70	9	8.18	10	7.30
55 - 59	4	14.81	10	9.09	14	10.22
60 - 64	3	11.11	5	4.55	8	5.84
65 - 69	2	7.41	3	2.73	5	3.65
70 - 74	3	11.11	2	1.82	5	3.65
75 - 79	0	0.00	4	3.64	4	2.92
80 - 84	0	0.00	1	0.91	1	0.73
85 - 89	0	0.00	0	0.00	0	0.00
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	0	0.00	0	0.00
Total	27	100.00	110	100.00	137	100.00

■ Male ■ Female



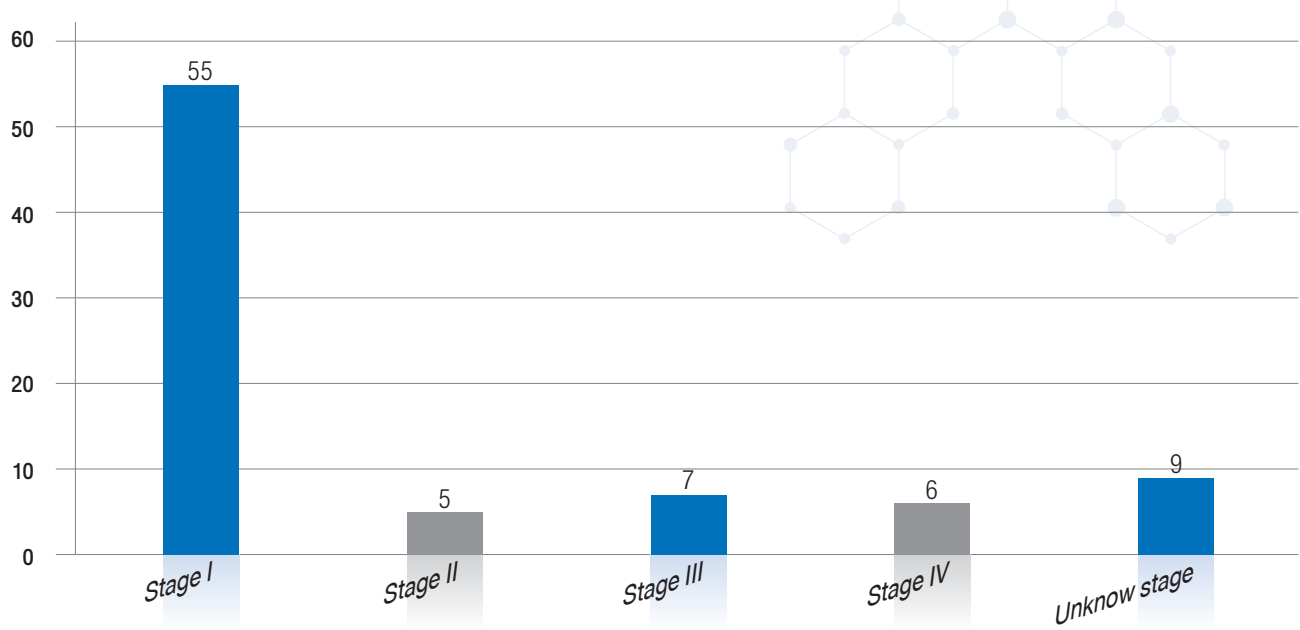


METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Physician Examination = Previously diagnosed as Head and Neck cancer from other Hospital but no document of Pathology

STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

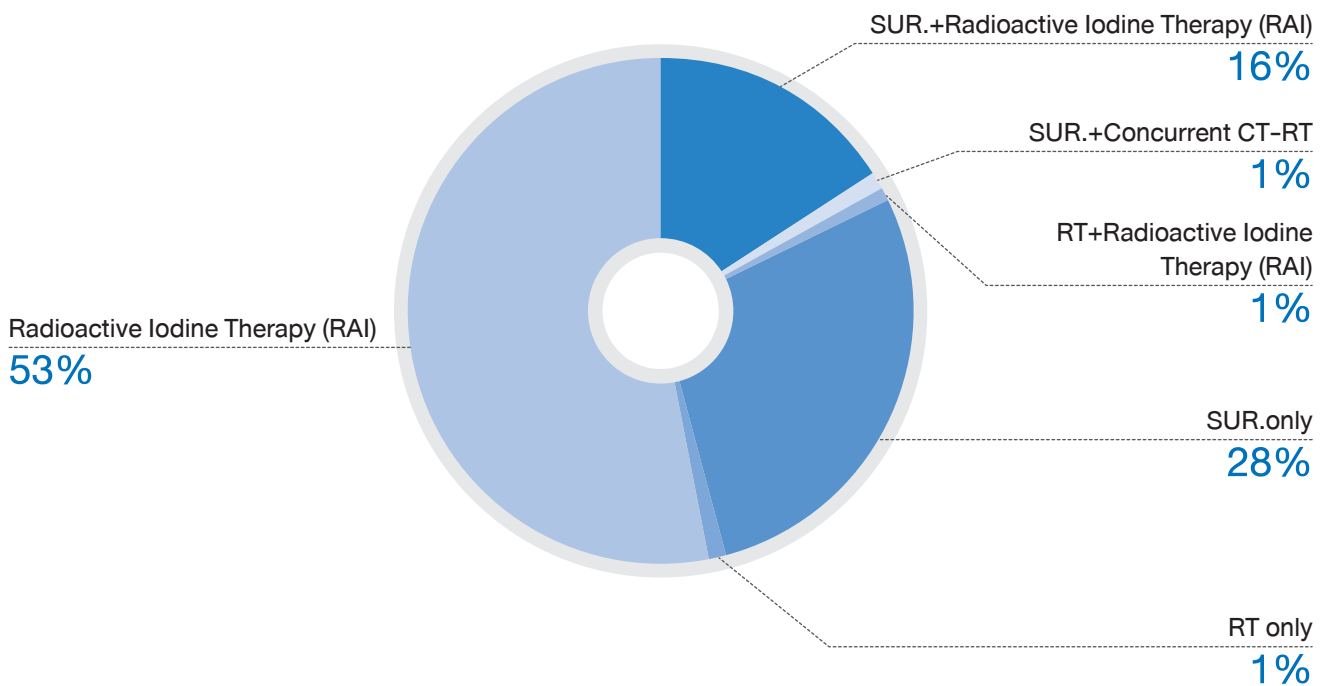


Unspecified stage = Incomplete staging due to insufficient patient information

THYROID CANCER

TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
SUR.only	3	23.08	20	28.99	23	28.05
RT only	0	0.00	1	1.45	1	1.22
Radioactive Iodine Therapy (RAI)	5	38.46	38	55.07	43	52.44
SUR.+Radioactive Iodine Therapy (RAI)	5	38.46	8	11.59	13	15.85
SUR.+Concurrent CT-RT	0	0.00	1	1.45	1	1.22
RT+Radioactive Iodine Therapy (RAI)	0	0.00	1	1.45	1	1.22
Total	13	100.00	69	100.00	82	151.22



SUR. = Surgery

RT = External radiation therapy

CT = Chemotherapy

T = Targeted therapy



FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	13	100.00	69	100.00	82	100.00
Dead	0	0.00	0	0.00	0	0.00
Total	13	100.00	69	100.00	82	100.00

Alive
100%



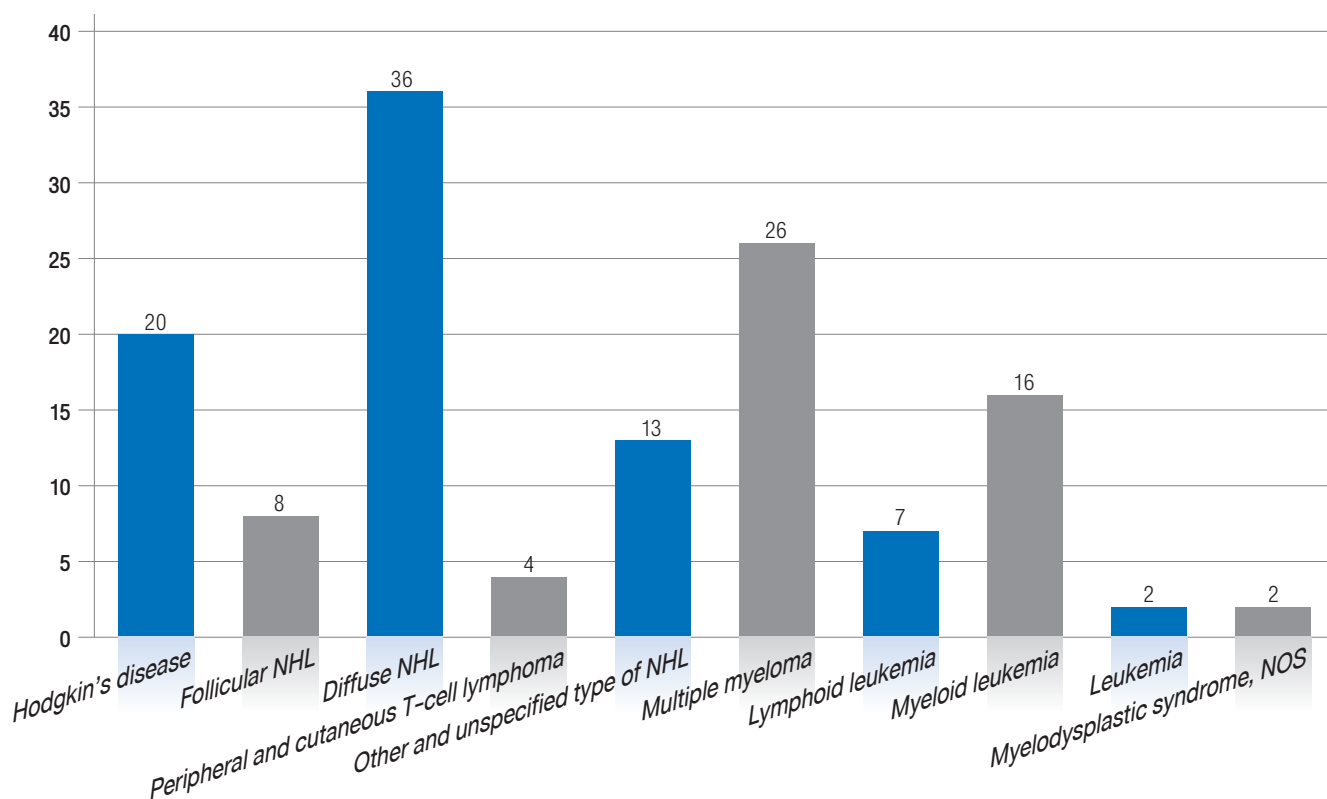
THYROID CANCER

HEMATOLOGIC MALIGNANCIES 2017

DISTRIBUTION OF HEMATOLOGIC MALIGNANCIES

Code	Disease	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
C81	Hodgkin's disease	16	20.78	4	7.02	20	14.93
C82	Follicular NHL	5	6.49	3	5.26	8	5.97
C83	Diffuse NHL	20	25.97	16	28.07	36	26.87
C84	Peripheral and cutaneous T-cell lymphoma	1	1.30	3	5.26	4	2.99
C85	Other and unspecified type of NHL	5	6.49	8	14.04	13	9.70
C90	Multiple myeloma	14	18.18	12	21.05	26	19.40
C91	Lymphoid leukemia	4	5.19	3	5.26	7	5.22
C92	Myeloid leukemia	9	11.69	7	12.28	16	11.94
C95	Leukemia	1	1.30	1	1.75	2	1.49
D469	Myelodysplastic syndrome, NOS	2	2.60	0	0.00	2	1.49
Total		77	100.00	57	100.00	134	100.00

All Patient



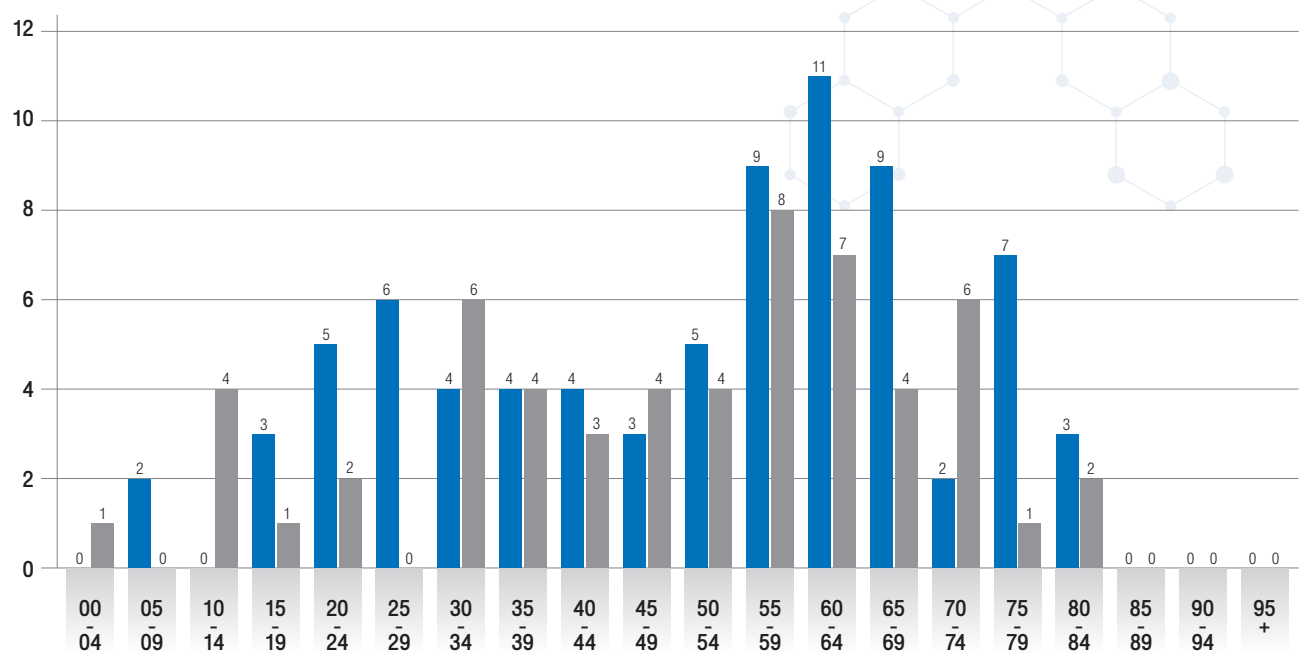


DISTRIBUTION OF HEMATOLOGIC MALIGNANCIES BY AGE AND GENDER

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	1	1.75	1	0.75
05 - 09	2	2.60	0	0.00	2	1.49
10 - 14	0	0.00	4	7.02	4	2.99
15 - 19	3	3.90	1	1.75	4	2.99
20 - 24	5	6.49	2	3.51	7	5.22
25 - 29	6	7.79	0	0.00	6	4.48
30 - 34	4	5.19	6	10.53	10	7.46
35 - 39	4	5.19	4	7.02	8	5.97
40 - 44	4	5.19	3	5.26	7	5.22
45 - 49	3	3.90	4	7.02	7	5.22
50 - 54	5	6.49	4	7.02	9	6.72
55 - 59	9	11.69	8	14.04	17	12.69
60 - 64	11	14.29	7	12.28	18	13.43
65 - 69	9	11.69	4	7.02	13	9.70
70 - 74	2	2.60	6	10.53	8	5.97
75 - 79	7	9.09	1	1.75	8	5.97
80 - 84	3	3.90	2	3.51	5	3.73
85 - 89	0	0.00	0	0.00	0	0.00
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	0	0.00	0	0.00
Total	77	100.00	57	100.00	134	100.00

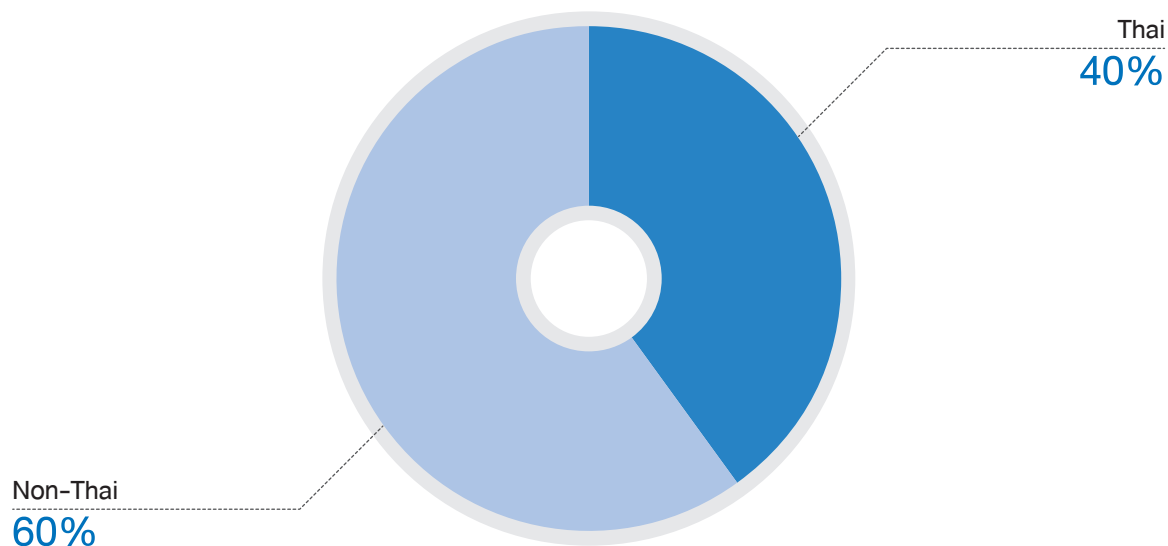
OVERALL HEMATOLOGIC MALIGNANCIES

■ Male ■ Female

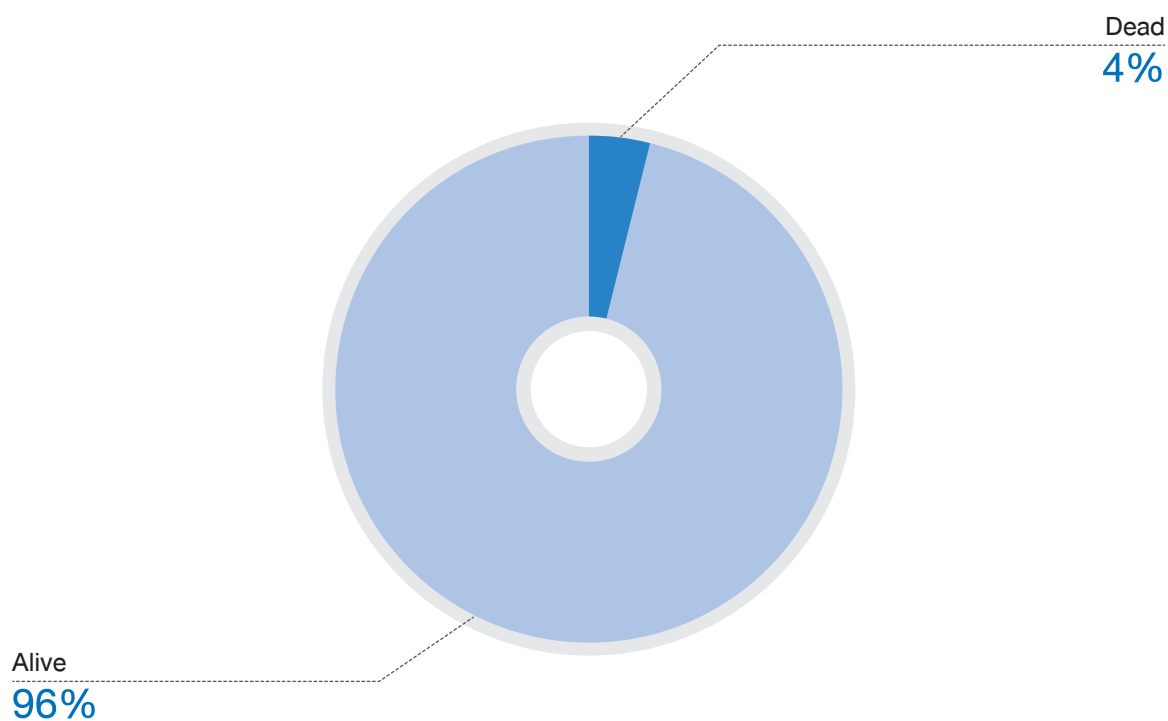


PATIENT NATIONALITY

Patient Nationality	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Thai	31	35.23	30	50.85	61	41.50
Non-Thai	57	64.77	29	49.15	86	58.50
Total	88	100.00	59	100.00	147	100.00



PATIENT FOLLOW UP STATUS





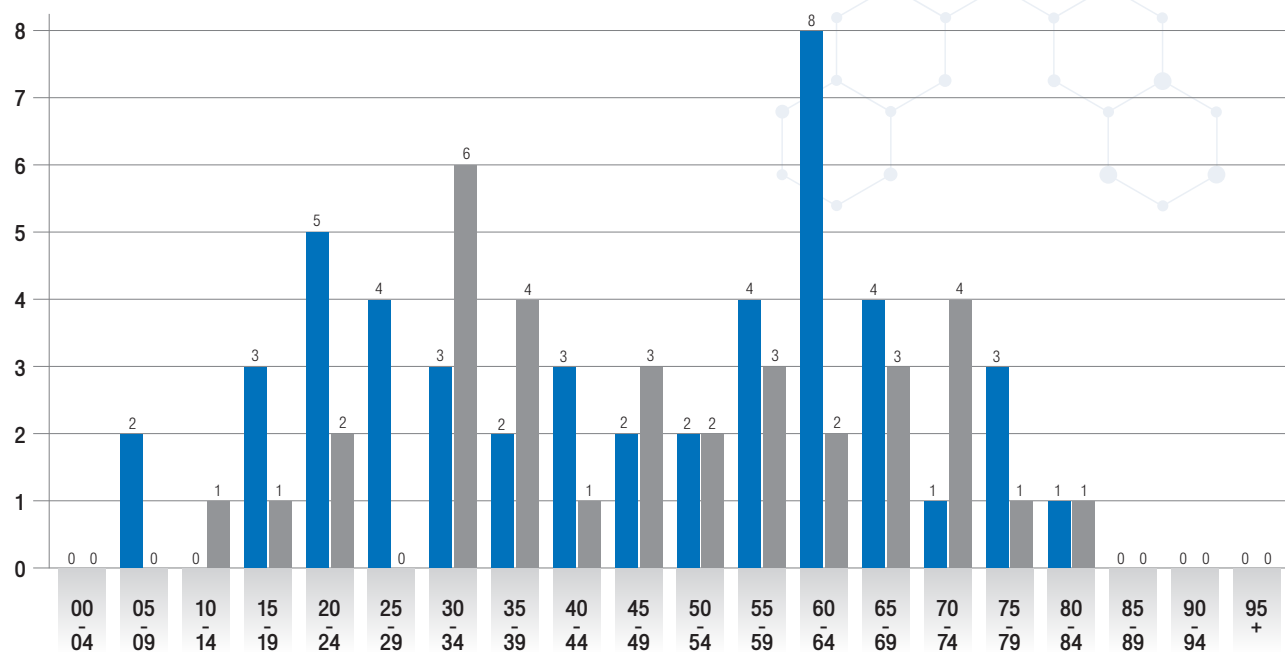
LYMPHOMA

AGE AND GENDER

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	2	4.26	0	0.00	2	2.47
10 - 14	0	0.00	1	2.94	1	1.23
15 - 19	3	6.38	1	2.94	4	4.94
20 - 24	5	10.64	2	5.88	7	8.64
25 - 29	4	8.51	0	0.00	4	4.94
30 - 34	3	6.38	6	17.65	9	11.11
35 - 39	2	4.26	4	11.76	6	7.41
40 - 44	3	6.38	1	2.94	4	4.94
45 - 49	2	4.26	3	8.82	5	6.17
50 - 54	2	4.26	2	5.88	4	4.94
55 - 59	4	8.51	3	8.82	7	8.64
60 - 64	8	17.02	2	5.88	10	12.35
65 - 69	4	8.51	3	8.82	7	8.64
70 - 74	1	2.13	4	11.76	5	6.17
75 - 79	3	6.38	1	2.94	4	4.94
80 - 84	1	2.13	1	2.94	2	2.47
85 - 89	0	0.00	0	0.00	0	0.00
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	0	0.00	0	0.00
Total	47	100.00	34	100.00	81	100.00

LYMPHOMA

■ Male ■ Female



Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
< 15 yr.	2	4.26	1	2.94	3	3.70
≥ 15 yr.	45	95.74	33	97.06	78	96.30
Total	47	100.00	34	100.00	81	100.00

<15 yr.
4%



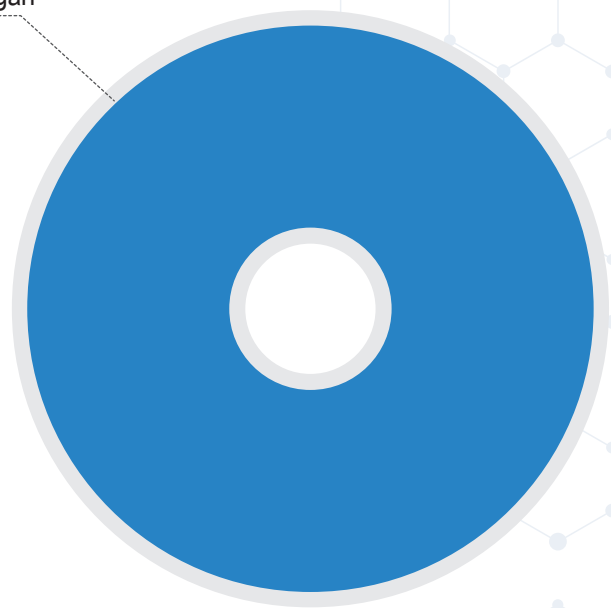
≥ 15 yr.
96%



METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

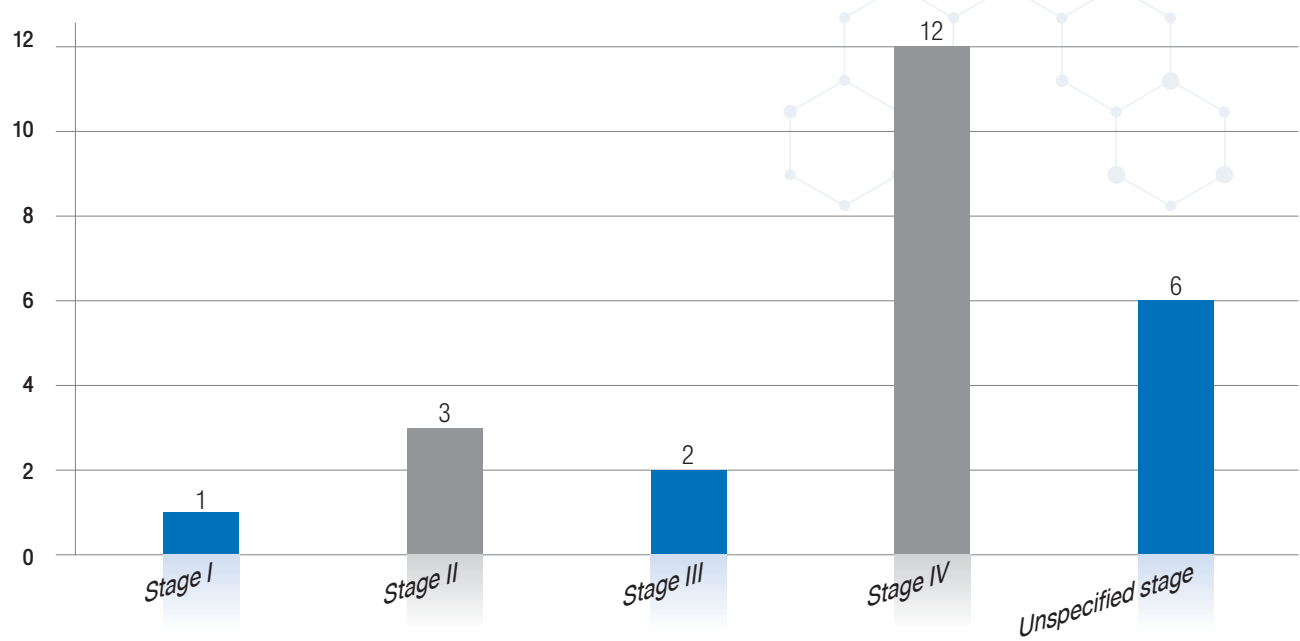
Method of diagnosis	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Pathology of primary organ	14	100.00	10	100.00	24	100.00
Total	14	100.00	10	100.00	24	100.00

Pathology of primary organ
100%



LYMPHOMA

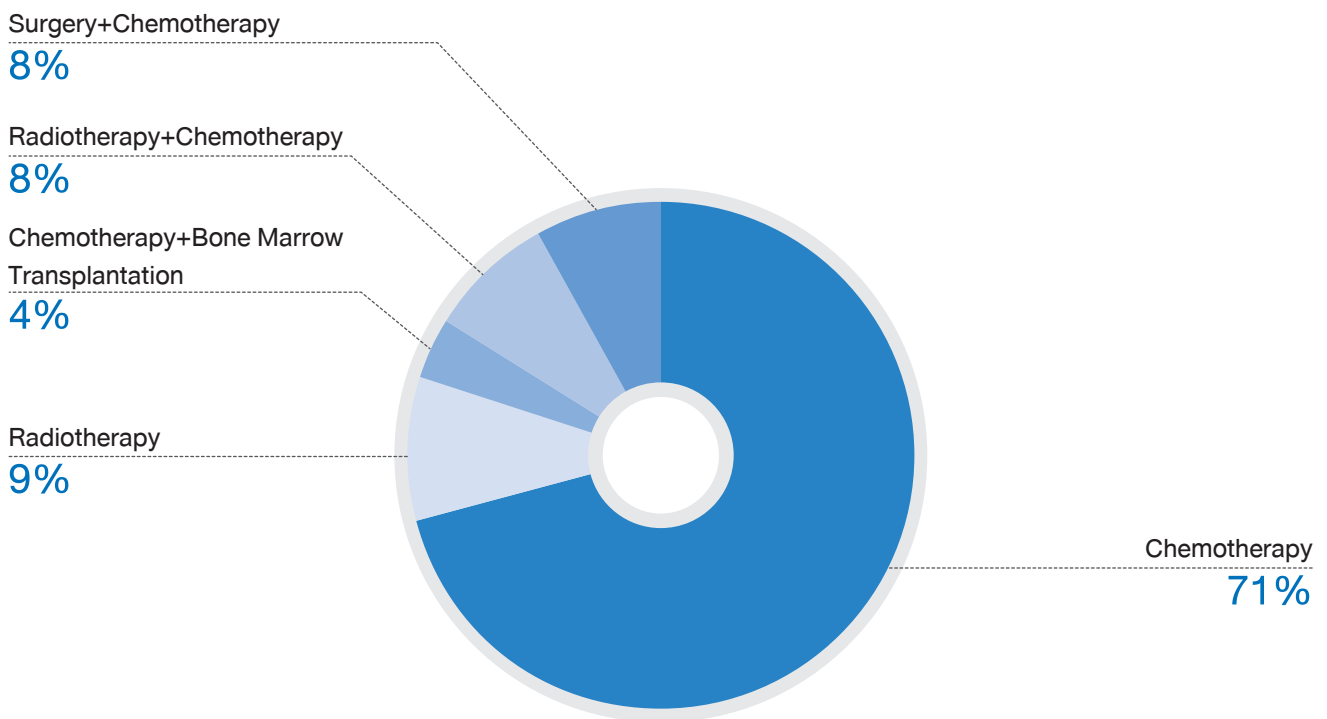
STAGING (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)



Unspecified stage = Incomplete staging due to insufficient patient information

TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Type of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Radiotherapy	1	7.14	1	10.00	2	8.33
Chemotherapy	11	78.57	6	60.00	17	70.83
Surgery+Chemotherapy	0	0.00	2	20.00	2	8.33
Radiotherapy+Chemotherapy	2	14.29	0	0.00	2	8.33
Chemotherapy+Bone Marrow Transplantation	0	0.00	1	10.00	1	4.17
Total	14	100.00	10	100.00	24	100.00

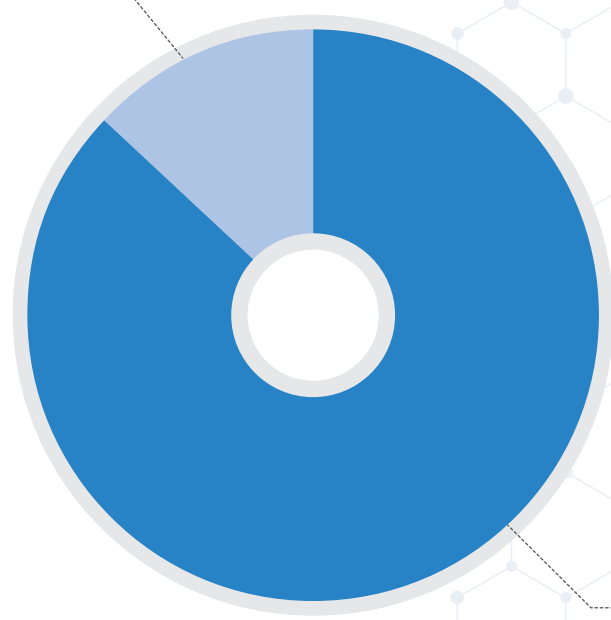




PATIENT FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	12	85.71	9	90.00	21	87.50
Dead	2	14.29	1	10.00	3	12.50
Total	14	100.00	10	100.00	24	100.00

Dead
13%



Alive
87%

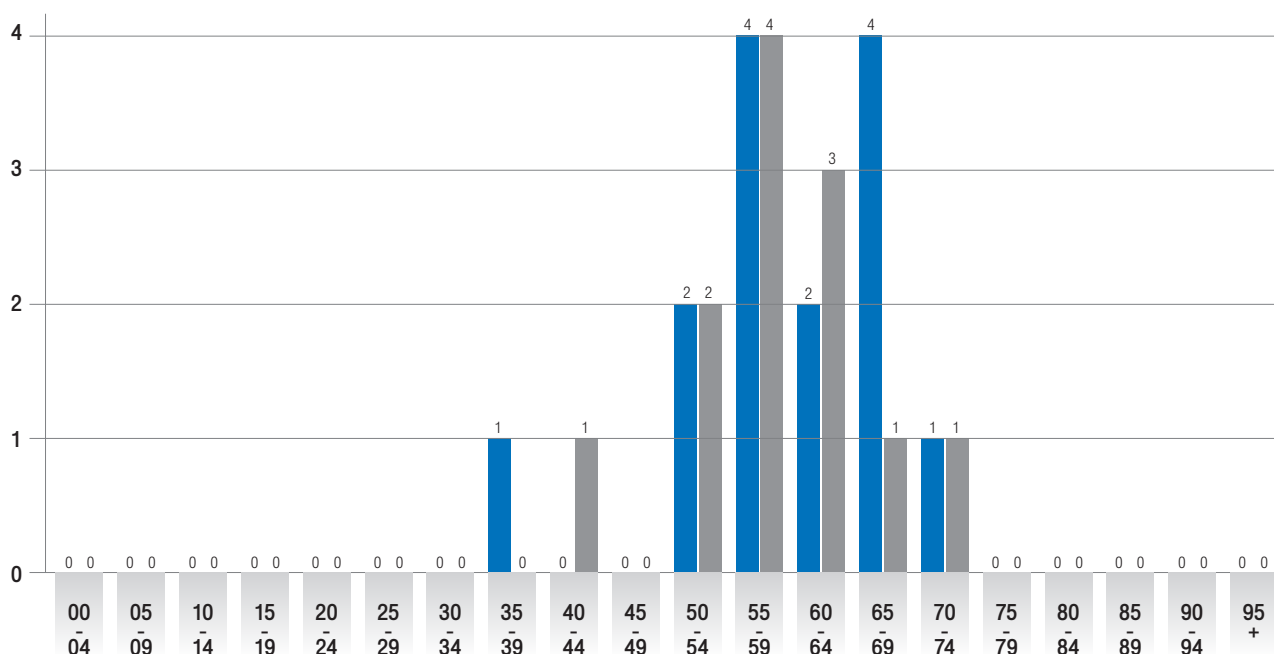
LYMPHOMA

MULTIPLE MYELOMA

AGE AND GENDER

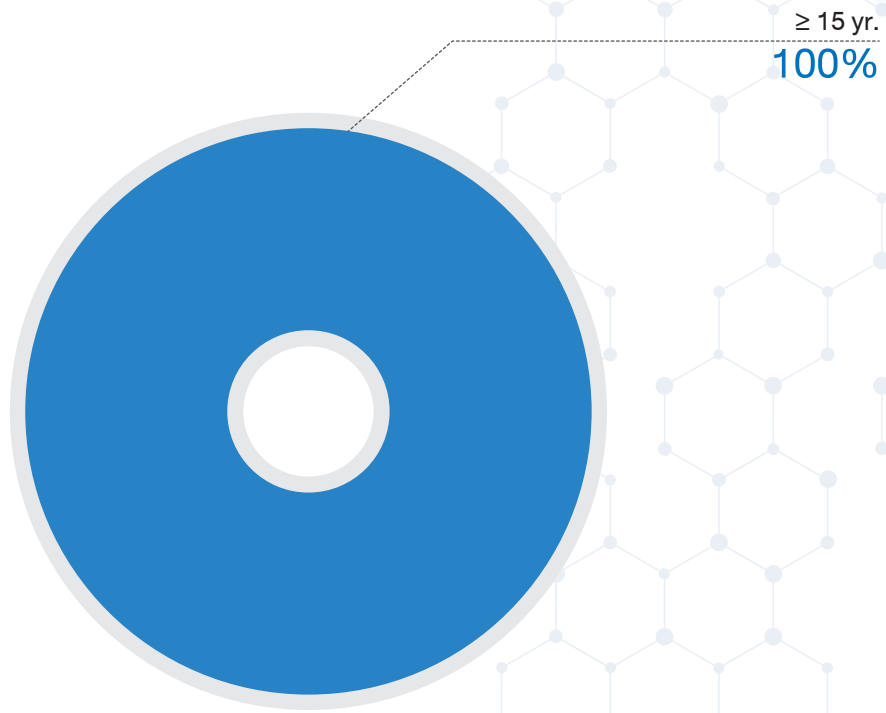
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	0	0.00	0	0.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	0	0.00	0	0.00
15 - 19	0	0.00	0	0.00	0	0.00
20 - 24	0	0.00	0	0.00	0	0.00
25 - 29	0	0.00	0	0.00	0	0.00
30 - 34	0	0.00	0	0.00	0	0.00
35 - 39	1	7.14	0	0.00	1	3.85
40 - 44	0	0.00	1	8.33	1	3.85
45 - 49	0	0.00	0	0.00	0	0.00
50 - 54	2	14.29	2	16.67	4	15.38
55 - 59	4	28.57	4	33.33	8	30.77
60 - 64	2	14.29	3	25.00	5	19.23
65 - 69	4	28.57	1	8.33	5	19.23
70 - 74	1	7.14	1	8.33	2	7.69
75 - 79	0	0.00	0	0.00	0	0.00
80 - 84	0	0.00	0	0.00	0	0.00
85 - 89	0	0.00	0	0.00	0	0.00
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	0	0.00	0	0.00
Total	14	100.00	12	100.00	26	100.00

■ Male ■ Female





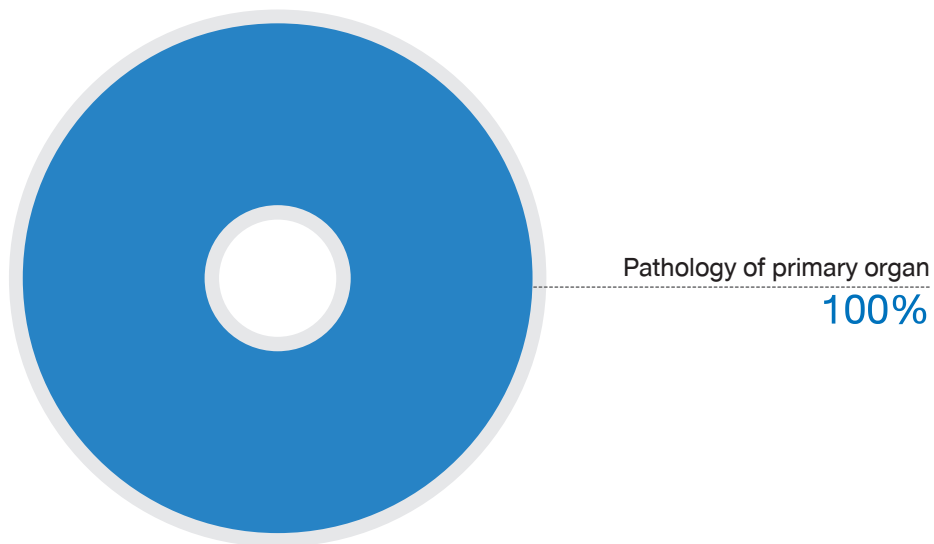
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
< 15 yr.	0	0.00	0	0.00	0	0.00
≥ 15 yr.	14	100.00	12	100.00	26	100.00
Total	14	100.00	12	100.00	26	100.00



MULTIPLE MYELOMA

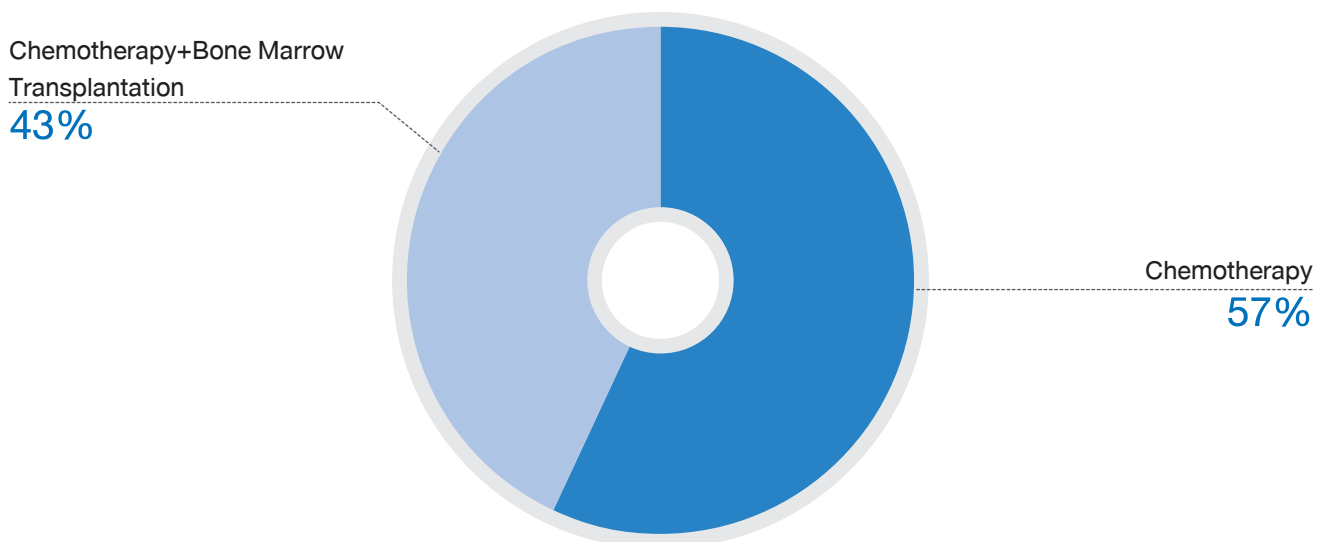
METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Method of diagnosis	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Pathology of primary organ	3	100.00	4	100.00	7	100.00
Total	3	100.00	4	100.00	7	100.00



TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Management of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Chemotherapy	2	66.67	2	50.00	4	57.14
Chemotherapy+Bone Marrow Transplantation	1	33.33	2	50.00	3	42.86
Total	3	100.00	4	100.00	7	100.00





PATIENT FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	3	100.00	4	100.00	7	100.00
Total	3	100.00	4	100.00	7	100.00



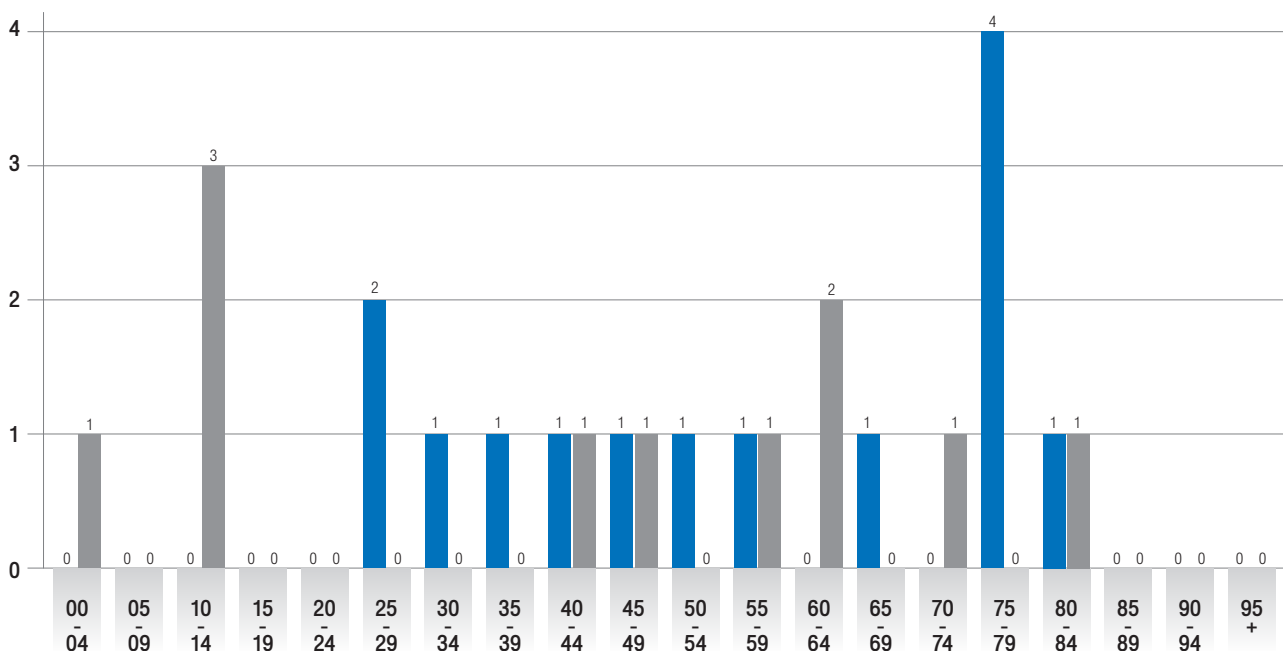
MULTIPLE MYELOMA

LEUKEMIA

AGE AND GENDER

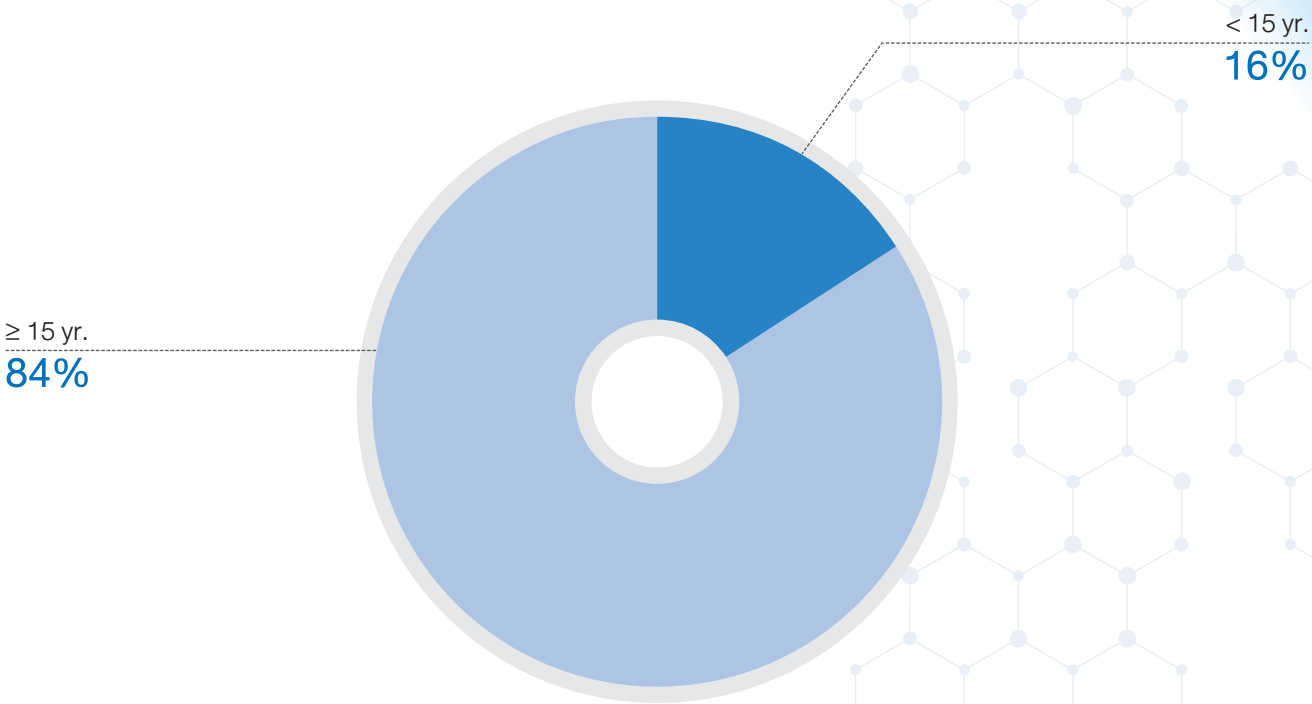
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
00 - 04	0	0.00	1	9.09	1	4.00
05 - 09	0	0.00	0	0.00	0	0.00
10 - 14	0	0.00	3	27.27	3	12.00
15 - 19	0	0.00	0	0.00	0	0.00
20 - 24	0	0.00	0	0.00	0	0.00
25 - 29	2	14.29	0	0.00	2	8.00
30 - 34	1	7.14	0	0.00	1	4.00
35 - 39	1	7.14	0	0.00	1	4.00
40 - 44	1	7.14	1	9.09	2	8.00
45 - 49	1	7.14	1	9.09	2	8.00
50 - 54	1	7.14	0	0.00	1	4.00
55 - 59	1	7.14	1	9.09	2	8.00
60 - 64	0	0.00	2	18.18	2	8.00
65 - 69	1	7.14	0	0.00	1	4.00
70 - 74	0	0.00	1	9.09	1	4.00
75 - 79	4	28.57	0	0.00	4	16.00
80 - 84	1	7.14	1	9.09	2	8.00
85 - 89	0	0.00	0	0.00	0	0.00
90 - 94	0	0.00	0	0.00	0	0.00
95 +	0	0.00	0	0.00	0	0.00
Total	14	100.00	11	100.00	25	100.00

■ Male ■ Female





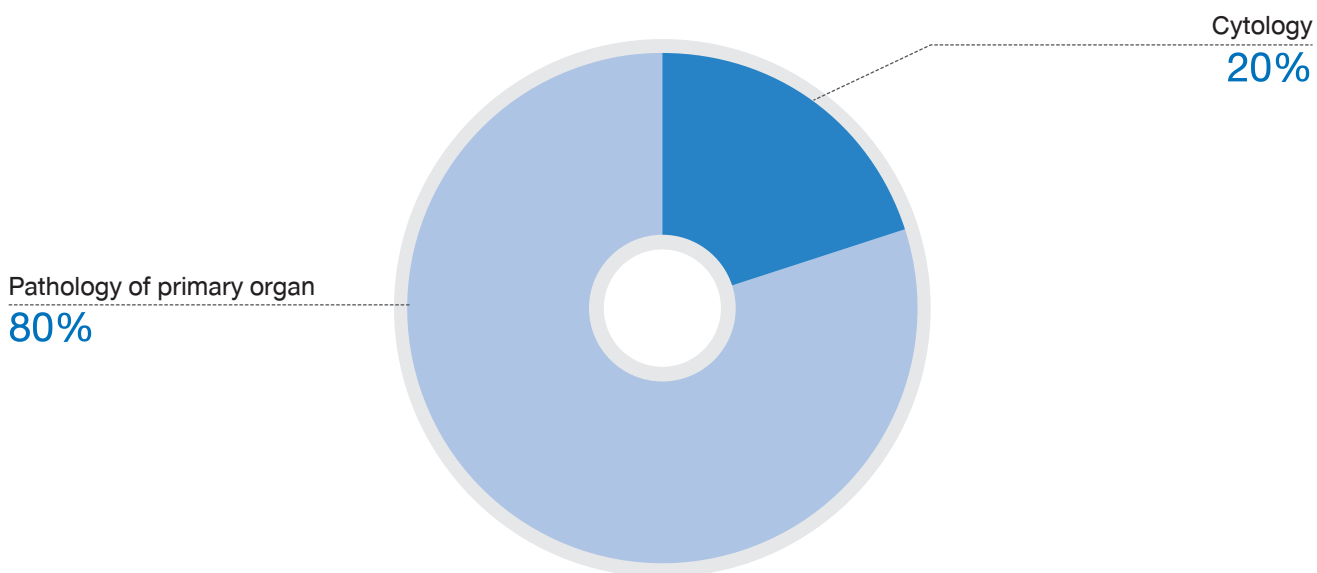
Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
< 15 yr.	0	0.00	4	36.36	4	16.00
≥ 15 yr.	14	100.00	7	63.64	21	84.00
Total	14	100.00	11	100.00	25	100.00



LEUKEMIA

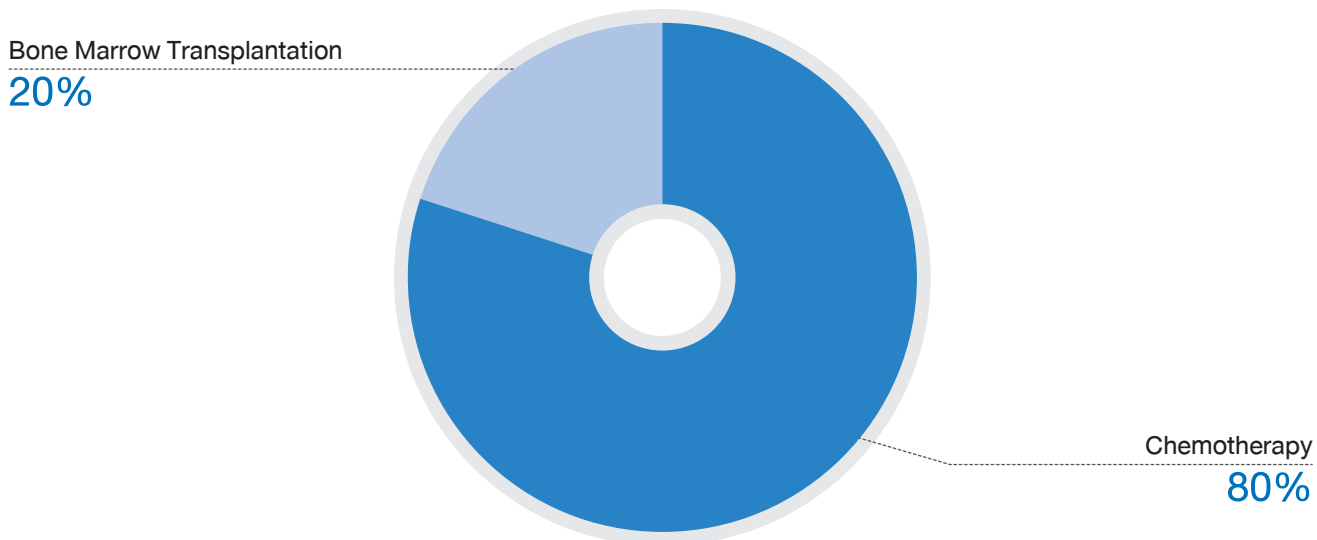
METHOD OF DIAGNOSIS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Method of diagnosis	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Cytology	1	50.00	0	0.00	1	20.00
Pathology of primary organ	1	50.00	3	100.00	4	80.00
Total	2	100.00	3	100.00	5	100.00



TYPE OF TREATMENT (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Management of treatment	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Chemotherapy	2	100.00	2	66.67	4	80.00
Bone Marrow Transplantation	0	0.00	1	33.33	1	20.00
Total	2	100.00	3	100.00	5	100.00





PATIENT FOLLOW UP STATUS (TREATMENT IN BANGKOK HOSPITAL HEADQUARTER)

Follow up status	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Alive	2	100.00	3	100.00	5	100.00
Total	2	100.00	3	100.00	5	100.00



LEUKEMIA

AGE DISTRIBUTION IN ALL MALE CANCER NUMBERS OF CASE (INCLUDED HEMATOLOGIC MALIGNANCIES)

Code	Primary site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-95	95+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C01-C02	Tongue	0	0	0	0	0	0	0	0	1	1	2	7	4	3	1	0	0	0	0	0	19	2.08
C03	Gum	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	4	0.44
C04	Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0.22
C05	Palate	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	4	0.44
C06	Other part of mouth	0	0	0	0	0	0	0	0	1	3	1	0	2	2	0	0	0	0	0	0	9	0.98
C07	Parotid gland	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0.22
C08	Other and unspecified major salivary glands	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.11
C09	Tonsil	0	0	0	0	0	0	1	0	0	1	2	1	1	0	1	0	1	0	0	0	8	0.87
C10	Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C11-C14	Head and Neck	0	0	0	0	0	1	1	2	6	5	3	3	5	1	1	0	1	0	0	0	29	3.17
C15	Esophagus	0	0	0	0	0	0	0	0	0	0	2	2	7	7	0	0	0	0	0	0	18	1.97
C16	Stomach	0	0	0	0	0	0	2	0	1	1	6	3	5	3	3	0	1	1	0	0	26	2.84
C17	Small intestine	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0.22
C18-C20	Colon and Rectum	0	0	0	0	2	2	2	3	7	9	21	17	16	17	7	9	5	0	0	0	117	12.79
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C22-C24	Liver and Hepatobiliary	0	0	0	1	0	0	2	2	6	7	13	19	19	15	11	10	3	0	0	0	108	11.80
C25	Pancreas	0	0	0	0	0	0	0	3	1	2	4	2	5	3	2	2	2	0	0	0	26	2.84
C26	Other and ill-defined digestive organ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C30	Nasal cavity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0.22
C31	Accessory sinuses	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.11
C32	Larynx	0	0	0	0	0	0	0	0	0	2	2	7	1	4	1	2	2	2	0	0	23	2.51
C33-C34	Lung	0	0	0	0	0	3	2	2	5	10	14	18	22	24	15	10	9	0	4	0	136	14.86
C37	Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.11
C38	Mediastinum	0	0	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0.44
C40-C41	Bone	0	0	1	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	0.66
C43-C44	Skin	0	0	0	0	0	0	2	0	1	3	4	1	7	7	2	4	0	4	0	0	35	3.83
C47	Peripheral nerves and autonomic nervous system	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.11
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.11
C49	Connective tissue	0	1	0	0	2	0	1	2	0	2	0	1	2	1	1	0	2	0	0	0	15	1.64
C50	Breast	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	3	0.33
C51	Vulva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C52	Vagina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

Code	Primary site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-95	95+	Total	%																				
C53	Cervix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C54	Corpus uteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C55	Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C56	Ovary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C57	Other female genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C58	Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C60	Penis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C61	Prostate gland	0	0	0	0	0	0	0	0	3	0	4	13	16	29	25	12	6	3	0	0	111	12.13																				
C62	Testis	0	0	0	0	0	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	5	0.55																				
C63	Other and unspecified male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C64-C65	Urinary tract	0	0	0	0	0	0	1	2	0	4	2	2	8	2	2	3	0	0	0	0	26	2.84																				
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.11																				
C67	Bladder	0	0	0	0	0	0	0	1	1	3	0	5	4	4	4	9	3	1	1	0	37	4.04																				
C68	Urinary organ unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C69	Eye and Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C70-C71	Brain	0	1	0	0	0	1	0	1	1	0	1	0	2	0	0	0	0	0	0	0	7	0.77																				
C72	Spinal cord and CNS	1	0	0	0	0	0	0	1	0	2	0	1	1	0	0	0	0	0	0	0	6	0.66																				
C73	Thyroid gland	0	0	0	1	2	2	1	4	3	1	1	4	3	2	3	0	0	0	0	0	27	2.95																				
C74	Adrenal gland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.11																				
C75	Other and endocrine gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C76	Other and ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C79	Unknown primarysite	0	0	0	0	0	0	0	1	1	1	1	1	1	2	4	0	1	1	0	0	14	1.53																				
C81	Hodgkin's disease	0	1	0	2	3	3	2	0	0	0	1	1	1	2	0	1	0	0	0	0	16	1.75																				
C82	Follicular NHL	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	1	0	0	0	0	5	0.55																				
C83	Diffuse NHL	0	1	0	1	2	0	1	1	1	1	2	2	3	2	1	1	1	0	0	0	20	2.19																				
C84	Peripheral and cutaneous T-cell lymphoma	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.11																				
C85	Other and unspecified type of NHL	0	0	0	0	0	0	0	1	1	0	1	2	0	0	0	0	0	0	0	0	5	0.55																				
C90	Multiple myeloma	0	0	0	0	0	0	0	1	0	0	2	4	2	4	1	0	0	0	0	0	14	1.53																				
C91	Lymphoid leukemia	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0	0	4	0.44																				
C92	Myeloid leukemia	0	0	0	0	0	2	0	1	1	1	0	1	0	0	0	2	1	0	0	0	9	0.98																				
C95	Leukemia of unspecified cell type	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.11																				
D46	Myelodysplastic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0.22																				
D05	Ductal carcinoma in situ of breast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
All ICD Group																						2	4	1	7	13	14	23	30	42	62	93	123	146	137	89	71	40	12	6	0	915	100.00

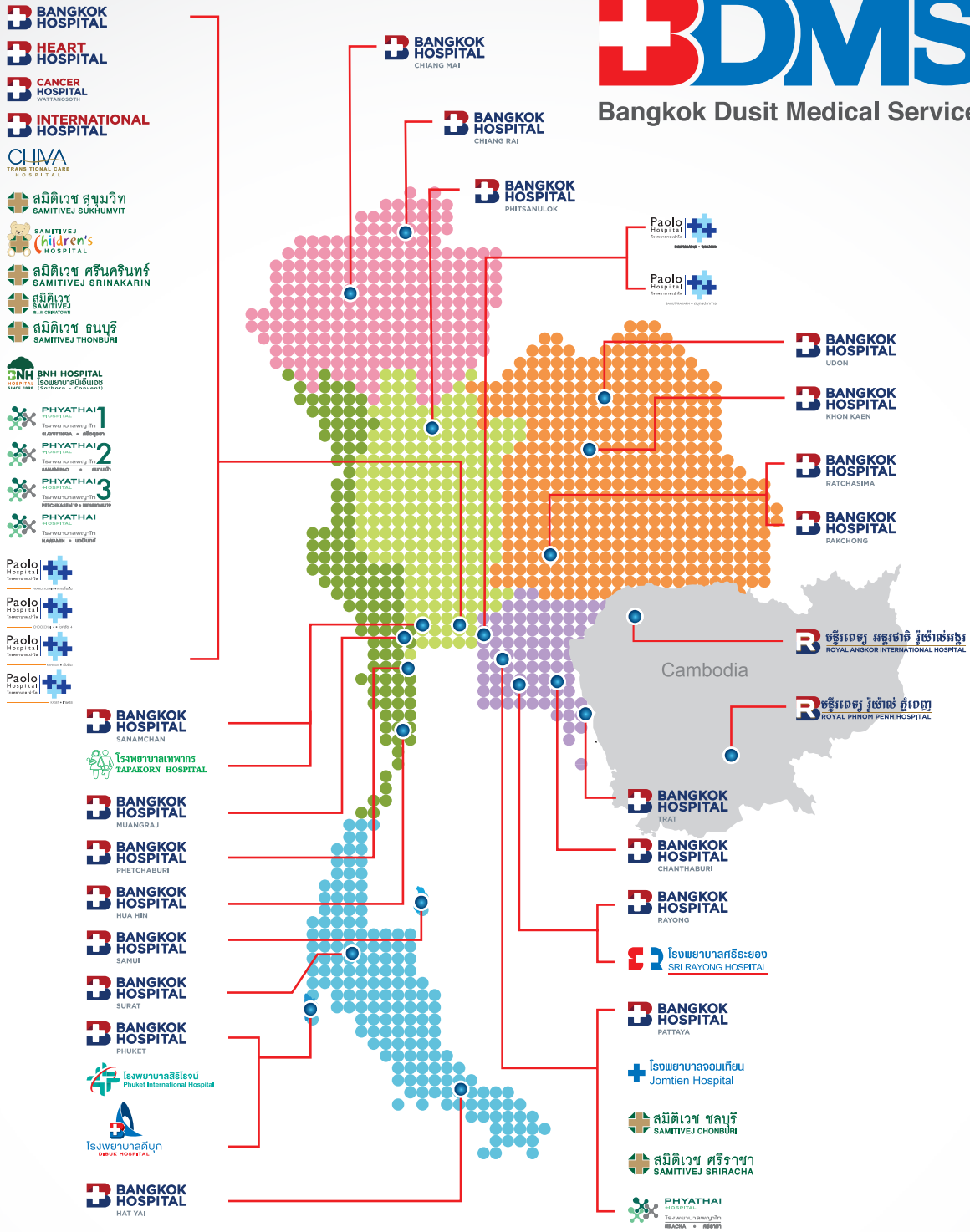
AGE DISTRIBUTION IN ALL FEMALE CANCER NUMBERS OF CASE (INCLUDED HEMATOLOGIC MALIGNANCIES)

Code	Primary site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.09
C01-C02	Tongue	0	0	0	0	0	1	0	1	3	1	1	0	0	0	0	1	0	0	0	0	8	0.70
C03	Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C04	Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C05	Palate	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	1	0	0	0	0	5	0.44
C06	Other part of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C07	Parotid gland	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0.18
C08	Other and unspecified major salivary glands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C09	Tonsil	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0.18
C10	Oropharynx	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
C11-C14	Head and Neck	0	0	0	0	0	0	0	0	2	1	1	1	0	1	0	1	0	0	0	0	7	0.61
C15	Esophagus	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	3	0.26
C16	Stomach	0	0	0	0	0	1	0	2	1	2	4	2	2	2	2	2	1	0	0	0	21	1.84
C17	Small Intestine	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0.18
C18-C20	Colon and Rectum	0	0	0	0	0	2	1	4	1	9	11	13	5	14	12	3	7	3	3	0	88	7.71
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.09
C22-C24	Liver and Hepatobiliary	1	0	0	0	0	0	1	1	3	4	4	2	6	0	5	6	2	1	0	1	36	3.16
C25	Pancreas	0	0	0	0	0	0	0	1	0	1	2	2	1	0	1	1	1	0	0	0	10	0.88
C26	Other and ill-defined digestive organ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C30	Nasal cavity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.09
C31	Accessory sinuses	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.09
C32	Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.09
C33-C34	Lung	0	0	0	0	0	0	0	2	7	13	10	17	15	15	9	5	9	2	0	0	104	9.11
C37	Thymus	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	3	0.26
C38	Mediastinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C40-C41	Bone	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0.26
C43-C44	Skin	0	0	0	0	0	1	0	0	0	0	0	3	0	1	0	2	1	1	0	2	11	0.96
C47	Other and unspecified male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C48	Retroperitoneum	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0.26
C49	Connective tissue	0	0	0	0	1	1	0	0	2	0	1	1	1	1	0	0	0	0	0	0	7	0.61
C50	Breast	0	0	0	0	2	7	32	35	56	71	79	53	50	36	15	6	6	2	1	1	452	39.61
C51	Vulva	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0.18
C52	Vagina	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0.18

Code	Primary site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-95	95+	Total	%																				
C53	Cervix	0	0	0	0	1	4	5	8	14	7	3	5	1	2	1	0	0	0	0	0	51	4.47																				
C54	Corpus uteri	0	0	0	0	0	2	0	2	5	3	6	5	8	9	1	1	0	0	0	0	42	3.68																				
C55	Uterus	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	5	0.44																				
C56	Ovary	0	0	0	0	1	0	3	1	2	4	1	2	1	0	0	0	0	0	0	0	15	1.31																				
C57	Other female genital organs	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0.18																				
C58	Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C60	Penis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C61	Prostate gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C62	Testis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C63	Other and unspecified male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C64-C65	Urinary tract	0	0	0	0	0	0	1	0	4	1	1	4	2	2	0	0	0	0	0	0	15	1.31																				
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C67	Bladder	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	0	0	0	0	6	0.53																				
C68	Urinary organ unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C69	Eye and Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.09																				
C70-C71	Brain	0	0	0	0	1	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0	6	0.53																				
C72	Spinal cord and CNS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.09																				
C73	Thyroid gland	0	0	1	2	3	15	10	13	15	17	9	10	5	3	2	4	1	0	0	0	110	9.64																				
C74	Adrenal gland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09																				
C75	Other and endocrine gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
C76	Other and ill-defined	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.18																				
C79	Unknown primarysite	0	0	0	0	0	0	0	2	0	0	0	3	1	1	2	0	0	0	0	1	10	0.88																				
C81	Hodgkin's disease	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0.35																				
C82	Follicular NHL	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0.26																				
C83	Diffuse NHL	0	0	0	0	0	0	3	0	0	2	1	3	1	2	3	0	1	0	0	0	16	1.40																				
C84	Peripheral and cutaneous T-cell lymphoma	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3	0.26																				
C85	Other and unspecified type of NHL	0	0	1	0	0	0	2	3	0	0	0	1	0	1	0	1	0	0	0	0	8	0.70																				
C90	Multiple myeloma	0	0	0	0	0	0	0	0	1	0	2	4	3	1	1	0	0	0	0	0	12	1.05																				
C91	Lymphoid leukemia	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0.26																				
C92	Myeloid leukemia	0	0	1	0	0	0	0	0	1	1	0	1	1	0	1	0	1	0	0	0	7	0.61																				
C95	Leukemia of unspecified cell type	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09																				
D05	Ductal carcinoma in situ of breast	0	0	0	0	0	0	0	1	8	7	3	8	8	2	0	3	0	0	0	0	40	3.51																				
D46	Myelodysplastic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																				
All ICD Group																						3	1	6	4	9	31	59	78	113	164	149	136	126	98	68	44	33	10	4	5	1,141	100.00



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