



Hospital Performance Report 2018

APEKSHA HOSPITAL (NATIONAL CANCER INSTITUTE)

MAHARAGAMA

Medical Statistics Unit

Foreword

The National Cancer Institute of Sri Lanka (Apeksha Hospital) provides its services to over 60,000 inward patients which include more than 14,000 new registrations annually coming from various areas of the country. Out of these new registrations approximately 10,000 are identified as malignant. They are being managed with specialized treatment and follow up care.

The Hospital “**Performance Report – 2018**” contains data of services provided in 2018 to the patients registered at National Cancer Institute Sri Lanka. The aim of this publication is to provide accurate statistical data which is essential for health administrators, researchers, national policy makers and strategists in cancer related field for the evaluation and further development of services provided at present.

Also I would take this opportunity to thank the heads of departments & staff for their cooperation in assisting me in this important task. I am also grateful to the staff of the Medical Records & Statistics Unit for their support and assistance to make this venture a success.

We welcome your comments & valuable suggestions for further improvement of this annual publication.

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Medical Statistics Unit.

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Vision

**To be a centre of
excellence in providing
care for cancer patients as
a leader in south East –
Asia by 2020**

Mission

**To provide comprehensive
patient care through
standard international
medical practices along
with research, training and
education in cancer care
management in
collaboration with all
stakeholders.**

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Introduction to National Cancer Institute, Sri Lanka. (APEKSHA HOSPITAL)

The National Cancer Institute (Apeksha Hospital) is a teaching hospital, managed under supervision of the Ministry of Health Sri Lanka. It is the premium hospital dedicated to diagnose, treat and follow up of cancer patients in Sri Lanka. Apeksha hospital is located at Maharagama, 16 km away from Colombo, the capital of Sri Lanka.

It was first established as a radiotherapy unit with inward facilities in 1958 and now it has developed into a tertiary care hospital with modern screening, diagnostic, & treatment facilities. The new “RAZAVI” building which added recently, consists of modern theater complex, bone marrow transplant unit, surgical & medical intensive care units, normal wards and paying wards, with all facilities, is a gold mark of the hospital history. Bone marrow transplant has commenced since December 2016 after establishing a new building with state of art facilities.

NCI, which spreads over 10 acres, provides care for approximately 140000 outdoor patients and 60000 indoor patients per year with 27 wards and intensive care units consist of 950 beds. 48 Consultants, 300 medical officers and more than 1400 health workers including nurses, pharmacists, radiographers, MLTs provide their service under the guidance of Director. Consultant Oncologists, Oncosurgeons, Oncogynaecologists, Haematooncologists and Physicians conduct outdoor clinics daily to follow up patients with malignancies by the help of all range of Haematological, Histopathological, Microbiological, Biochemical and Radiological investigations under the supervision of respective consultants.

All kinds of radiological treatment methods including Mega voltage photon & electron therapy, Brachytherapy and Iodine therapy are given free of charge. Physiotherapy, Speech therapy, Psychological Counselling, Pain management, Outdoor blood transfusion & Chemotherapy services are among the other services available in this hospital.

Establishment of bone marrow transplant unit and the PET-CT screening unit are the major achievements in last year as becoming the only government institute which provides these facilities free of charge to cancer patients.

INDOOR MORBIDITY AND MORTALITY – 2018

INDOOR MORBIDITY AND MORTALITY - 2018

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total Annual
1	Total No of patients admitted	5651	5324	5726	5368	6066	5701	5839	6058	5588	6362	5955	5949	69587
2	Total No of new patients registered	1172	1125	1171	1051	1268	1184	1239	1237	1130	1355	1193	1189	14314
3	Average Daily inpatients	726	731	751	677	734	754	745	750	740	760	774	727	739
4	Average hospital stay per patient	4	4	4	4	4	4	4	4	4	4	4	4	4
5	Total inpatients days	22497	20470	23271	20323	22759	22623	23106	23245	22213	23548	23205	22531	269791
6	Total Hospital Deaths	144	133	168	150	180	180	174	173	173	195	211	201	2082
7	No of Beds	950	950	950	950	950	950	950	950	950	950	950	950	950
8	Death Rate %	3	3	3	3	3	3	3	3	3	3	4	3	3
9	Bed Occupancy rate %	76.4	79.5	79	71.3	77.3	79.4	78.5	78.9	77.9	80.0	81.4	76.5	77.8
10	Bed Turnover rate %	19.0	20.0	19.0	19.0	21.0	20.0	19.0	21.0	20.0	22.0	21.0	20.0	20.1
11	Admissions for special units													
	Emergency treatment unit	483	529	644	545	539	647	647	729	679	677	630	610	7359
	Paediatric chemotherapy unit	444	417	434	523	482	516	538	538	495	467	523	593	5970
	Dialysis unit	34	33	36	38	48	54	29	41	61	60	68	62	564
	Bone Marrow transplant Unit	6	6	7	5	7	7	4	7	9	7	9	14	88
12	Admissions for ICU SICU	51	47	46	31	55	61	52	59	54	57	54	59	626
	PICU	27	18	19	12	22	17	17	16	16	19	16	15	214
	MICU	31	33	28	23	29	30	29	23	23	28	19	26	322
13	OPD Dispensary issues	16213	14207	15901	14806	16385	17689	16156	16750	16996	17183	16008	16825	148798

Statistics of Clinic Attendance - 2018

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total Annual
Cancer	No of clinics held	122	110	118	109	126	109	120	129	111	127	113	115	1409
	1st Visits	989	892	949	888	1010	970	1020	1025	952	1131	997	1006	11829
	2nd Visits	13060	13173	12873	12302	14861	14014	15273	15459	13684	15777	14848	15409	170733
	Total visits	14049	14065	13822	13190	15871	14984	16293	16484	14636	16908	15845	16415	182562
	Ave: Atten/clinic	115	128	117	121	126	137	136	128	132	133	140	143	130
Breast	No of clinics held	12	11	12	10	12	12	11	14	12	13	12	11	142
	1st Visits	26	43	35	26	51	37	38	22	34	39	28	40	419
	2nd Visits	519	410	469	386	422	460	436	442	464	609	568	451	5636
	Total visits	545	453	504	412	473	497	474	464	498	648	596	491	6055
	Ave: Atten/clinic	45	41	42	41	39	41	43	33	42	50	50	45	43
Surgical	No of clinics held	18	15	16	16	18	15	17	17	15	18	14	20	199
	1st Visits	68	77	64	46	69	58	68	67	53	70	59	56	755
	2nd Visits	734	752	713	687	881	873	865	708	678	987	693	734	9305
	Total visits	802	829	777	733	950	931	933	775	731	1057	752	790	10060
	Ave: Atten/clinic	45	55	49	46	53	62	55	46	49	59	54	40	51
Medical	No of clinics held	29	27	28	26	30	26	28	31	27	29	28	28	337
	1st Visits	235	264	267	226	257	223	267	264	234	238	236	219	2930
	2nd Visits	353	343	389	334	375	361	341	409	334	375	411	304	4329
	Total visits	588	607	656	560	632	584	608	673	568	613	647	523	7259
	Ave: Atten/clinic	20	22	23	22	21	22	22	22	21	21	23	19	22
Gynaecological	No of clinics held	8	8	8	7	9	7	7	9	8	8	9	8	96
	1st Visits	89	113	123	91	138	120	113	141	146	115	109	87	1385
	2nd Visits	370	512	458	401	444	433	525	535	504	520	571	524	5797
	Total visits	459	625	581	492	582	553	638	676	650	635	680	611	7182
	Ave: Atten/clinic	57	78	73	70	65	79	91	75	81	79	76	76	75

Statistics of Clinic Attendance 2018

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total Annual
Dental	No of clinics held	25	23	24	22	25	23	25	25	24	26	23	24	289
	1st Visits	114	120	145	68	114	114	155	134	98	110	102	105	1379
	2nd Visits	72	72	72	48	72	65	45	82	80	50	90	93	841
	Total visits	186	192	217	116	186	179	200	216	178	160	192	198	2220
	Ave: Atten/clinic	7	8	9	5	7	8	8	9	7	6	8	8	7
Palliative care	No of clinics held	20	19	21	17	21	19	22	21	18	22	23	25	248
	1st Visits	35	31	22	16	24	23	34	42	24	44	43	40	378
	2nd Visits	84	61	91	63	60	58	82	92	98	109	113	106	1017
	Total visits	119	92	113	79	84	81	116	134	102	153	156	156	1385
	Ave: Atten/clinic	6	5	5	5	4	4	5	6	6	7	7	6	6
Psychiatry	No of clinics held	25	22	24	22	24	24	25	26	24	26	25	23	290
	1st Visits	201	153	206	215	145	164	74	113	70	89	94	96	1620
	2nd Visits	40	44	44	47	43	47	82	57	39	69	57	54	623
	Total visits	241	197	250	262	188	211	156	170	109	158	151	150	2243
	Ave: Atten/clinic	10	9	10	12	8	9	6	7	5	6	6	7	8
Dermatology	No of clinics held	4	4	3	3	3	4	4	11	11	13	12	9	81
	1st Visits	34	35	20	20	26	26	19	74	54	82	90	75	555
	2nd Visits	-	-	-	-	-	-	-	-	11	31	22	22	86
	Total visits	34	35	20	20	26	26	19	74	65	113	112	97	641
	Ave: Atten/clinic	9	9	7	7	9	7	5	7	6	9	9	11	8
Haematooncology	No of clinics held	17	15	17	15	18	15	16	18	16	17	15	15	194
	1st Visits	14	3	11	4	9	11	15	19	12	19	14	11	142
	2nd Visits	529	490	504	450	538	503	490	567	428	544	427	490	5960
	Total visits	543	493	515	454	547	514	505	586	440	563	441	501	6102
	Ave: Atten/clinic	32	33	30	30	30	34	32	33	28	33	29	33	31
Pain Management	No of clinics held	22	22	22	16	22	19	21	22	17	20	19	20	242
	1st Visits	53	43	63	57	59	46	32	33	4	55	63	42	550
	2nd Visits	195	186	188	161	182	178	184	87	94	93	132	124	1804
	Total visits	248	229	251	218	241	224	216	120	98	148	195	166	2354
	Ave: Atten/clinic	11	10	11	14	11	12	10	5	6	7	10	8	10

Statistics of Laboratory Investigations and Diagnostic Examinations 2018

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total Ann
Biochemistry Lab - Total No of Test	60686	59034	60619	61924	62541	63028	63914	63448	65371	62884	61306	61031	745786
Cytology Lab - Total No of Test	1262	1216	1006	925	1191	1104	1148	1101	1143	1371	1089	1344	13900
Haematology Lab - Total No of Test	55264	50664	52140	47617	57824	53137	58006	61135	54427	63191	58490	60197	672092
Histology Lab - Total No of Test	5684	5522	7081	6060	6327	7031	7027	6440	6336	7981	6486	6370	78345
Microbiology Lab - Total No of Test	6720	6400	7910	5820	7100	6910	7210	7400	7910	7850	7100	7670	86000
Total No of X-Ray	2914	2736	3021	2788	3077	2995	2733	2906	2541	3028	2764	2364	33867
No of US Scan test	2351	2158	2330	1949	2707	2828	2947	2865	2451	3054	2640	2894	31174
No of CT Scan test	884	805	724	875	1091	998	833	912	915	1075	915	1004	11031
No of Gama camara scan(bone+thyroid)	130	268	264	223	319	289	314	172	250	307	314	270	3120
Mammography Examinations	211	194	201	133	199	245	260	287	225	192	249	248	2644
E.C.G.	1408	1249	1396	1238	1555	1443	1422	1510	1372	1574	1476	1361	17004
Endoscopy Examination	331	280	277	239	349	265	265	220	256	322	315	277	3396
Echocardiogram test	766	542	733	649	816	794	887	879	819	931	787	659	9262
PET-CT								15	33	19	36	22	125

Statistics of Surgeries & Therapy 2018

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total Ann
Major Surgery Total	207	175	226	166	231	245	273	236	221	219	233	198	2630
Minor Surgery Total	365	348	337	306	394	365	301	341	345	379	348	320	4149
Gyne Surgery Major	105	80	118	93	110	140	144	116	113	111	116	108	1354
Gyne Surgery Minor	65	61	64	51	64	58	42	82	53	58	61	48	707
Casualty Major	1	1	2	3	3	3	11	5	7	3	4	2	45
Casualty Minor	165	149	151	149	163	172	135	122	160	181	139	152	1838
Iodine 131													
No of Cancer patients	35	60	60	61	64	56	61	53	57	63	58	56	684
No of Thyrotoxicosis patients	8	14	18	10	15	18	13	19	14	20	17	10	176
No of Scan	1	13	22	9	24	10	20	10	10	10	7	4	140
No of OPD patients Chemotherapy given	2749	2442	2434	2437	2722	2633	2694	2776	2481	2869	2798	2492	31527
Physiotherapy - No of patients	1851	1794	2346	1867	2179	2152	2551	2270	2214	2190	2194	2246	25854
No of Treatment	3101	3044	4128	2664	3449	3642	4025	3614	3360	3720	3606	3306	41659
Speechtherapy - No of Patients	7	65	31	50	31	32	31	50	49	70	66	32	514
Brachytherapy	115	111	140	114	155	156	117	139	123	136	118	122	1546
Teletherapy - Cobolt	6230	5659	6531	5648	6165	5857	6000	6296	5809	6339	6317	6004	72855
(No of treatment) Linac	2778	2481	3126	2953	2658	3221	2608	2819	2354	2880	2499	2675	33052
ETU- Admission	483	529	644	545	539	647	647	729	679	677	630	610	7359
OPD Blood Transfusion	415	356	397	425	343	353	367	418	337	471	365	377	4624
Procedures	310	604	640	686	694	825	787	823	795	877	802	725	8568
Blood Bank													
No of Packets Collected	1813	1901	1768	1477	2093	2100	2136	2053	2440	1832	1937	1568	23118
No of Packets Issued to wards	1710	1603	1693	1465	1522	1776	1400	1673	1604	1882	1700	1772	19800
No of Packets Issued to Other Hospitals	477	207	360	265	210	339	416	479	1234	466	365	296	5114
Day Treatment Unit													
Procedures	245	278	239	208	223	242	144	240	199	258	258	283	2817
Injections	2200	2073	2374	2165	2089	2055	2373	2229	2127	2467	2453	2197	26802

New patient Registration for Screening & Treatment – 2018

Consultant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Dr.DG	165	145	160	116	182	168	187	163	191	192	163	189	2021
Dr.DP	46	49	53	74	48	53	59	69	45	80	70	53	699
Dr.KAP	176	148	157	140	130	141	126	126	114	124	114	138	1634
Dr.LO	108	96	102	80	90	66	91	92	84	88	101	97	1095
Dr.NJ	68	78	76	76	80	96	87	87	68	106	87	93	1002
Dr.PA	75	62	61	74	67	71	70	84	75	109	70	84	902
Dr.SW	90	89	106	96	120	89	115	125	102	112	87	101	1232
Dr.TS	109	80	102	108	124	102	91	103	93	128	104	92	1236
Dr.YA	80	-	-	-	-	-	-	-	-	-	-	-	80
Dr.US		67	80	68	102	119	120	121	109	122	134	101	1143
Dr.MS	19	18	17	24	22	18	25	14	26	23	24	20	250
Dr.TH	5	10	5	5	8	3	8	2	8	2	1	6	63
Dr.WR	26	33	16	20	23	28	18	13	15	25	21	16	254
Dr.SG	-	-	-	-	-	-	-	-	1	1	6	5	13
Dr.KSW	8	14	3	3	5	5	8	7	9	6	4	1	73
Dr.PM	14	3	11	4	9	11	15	19	12	13	11	10	132
Dr.AP	11	10	14	12	9	8	9	5	13	15	6	12	124
Dr.KDS	45	45	35	28	50	46	51	21	43	41	42	49	496
Dr.MU	10	14	23	11	28	21	14	21	11	19	14	10	196
Dr.PJ	28	51	27	21	33	20	32	24	20	34	25	25	340
Dr.CH	56	76	86	56	96	79	72	84	55	72	66	55	853
Dr.SK	20	29	22	18	31	20	28	29	17	18	26	18	276
Dr. SP	13	8	15	17	11	21	13	28	19	25	17	14	201
Total New Pts	1172	1125	1171	1051	1268	1185	1239	1237	1130	1355	1193	1189	14315

List of Consultant Specialists 2018

(as on 31st December 2018)

	Consultant	Qualification	Designation
1	Dr.(Mrs).Damayanthi C. Peris	M.B.B.S, M.D.	Consultant Oncologist & Radiotherapist
2	Dr.(Miss).Kanthi A. Perera	M.B.B.S, M.D.	Consultant Clinical Oncologist
3	Dr.Dehan Gunasekara	MBBS, DCH,MD(Oncology)	Consultant in Radiation & Medical Oncology
4	Dr.(Mrs).Sujeewa Weerasinghe	M.B.B.S, M.D.	Consultant Clinical Oncologist
5	Dr.Prasad Abeysinghe	M.B.B.S(Col), M.D.(SL)	Consultant Clinical Oncologist
6	Dr.Lakshman Obeysekara	M.B.B.S, M.D.	Consultant Oncologist
7	Dr.N.Jeyakumaran	MBBS(Jaffna),MD(Col)	Consultant Clinical Oncologist
8	Dr.R.W.M.W.K.Rathnayake	M.B.B.S, M.D.	Consultant Clinical Oncologist
9	Dr.T.Skandarajah	M.B.B.S, M.D.(Clinical Oncology)	Consultant Clinical Oncologist
10	Dr.Priyantha Madawala	M.B.B.S, M.D.	Consultant Clinical Haematooncologist
11	Dr.Dewinda Jayathilake	M.B.B.S, M.D.	Consultant Haematooncologist
12	Dr.K.Sanath Wanigasooriya	M.B.B.S, M.D.	Consultant in Radiation & Medical Oncology
13	Dr.Mahendra Somathilaka	M.B.B.S, M.D.	Consultant Clinical Oncologist (Paediatric)
14	Dr.(Mrs).Thushari Hapuarachchi	M.B.B.S, M.D.	Consultant Clinical Oncologist (Paediatric)
15	Dr.Sanjeewa Gunasekara	M.B.B.S, M.D.	Consultant in Paediatric & Adolescent Oncology
16	Dr.(Mrs).Umagowry Saravanamuttu	M.B.B.S, M.D.	Consultant Clinical Oncologist
17	Dr.Chinthana Hapuachchi	MBBS,MD(Obs&Gyn)MRCOG(UK)	Gynaecological Cancer Surgeon
18	Dr.(Mrs).Samanthi Premarathna	MBBS,MS.MRCOG(UK)	Consultant Gynaecological Oncologist
19	Dr. Sarada Kannangara	MBBS,MD,(Obs&Gyn),FRANZCOG	Consultant Gynaecologist
20	Dr.Deepal Perera	MBBS,MD,DCH,MRCP.CH	Consultant Paediatrician
21	Dr.(Mrs).T.Rajshankar	MBBS,MD,DCH	Consultant Physician
22	Dr.(Mrs).W.M.P.Bandara	MBBS,MD	Consultant Physician

23	Dr.Panduka Jayasekara	MBBS(Cey)MS(Cey)FRCS(Ed)	Consultant Surgeon
24	Dr.Kanishka De Silva	MBBS(Col)MS(SL),FRCS(Eng)	Consultant Surgeon
25	Dr.Mahanada Udukala	MBBS,MS	Consultant Surgeon
26	Dr.A.Partheban	MBBS,MS	Consultant Oncological Surgeon
27	Dr. T.Pusparajah	MBBS, Dip.Path.MD.Haematology	Consultant Haematologist
28	Dr.(Mrs).Sasikala Suresh	MBBS, Dip.Path.MD.Haematology	Consultant Haematologist
29	Dr.(Mrs).A.Gunasena	MBBS, Dip.Path.MD.Haematology	Consultant Haematologist
30	Dr.(Mrs).O.Renuka Gunasinghe	MBBS(Col),D.Path,MD(Histopath)	Consultant Histopathologist
31	Dr.(Mrs).P.H.Abegunasekara	MBBS, D.Path, MD Path	Consultant Histopathologist
32	Dr.(Mrs). A.N.Amarabandu	MBBS, D.Path, MD Path	Consultant Histopathologist
33	Dr.(Mrs).S.P.Gunasekara	MBBS,Dip,MD(Medical Microbiology)	Consultant Clinical Microbiologist
34	Dr.(Mrs) M.N.Jayawardane	MBBS,MD	Consultant Mycologist
35	Dr.P.A.S.P.Sarath Perera	MBBS,MD (Radiology)	Consultant Radiologist
36	Dr.(Mrs).W.P.M.Dheeraseskara	MBBS,MD (Radiology)	Consultant Radiologist
37	Dr.W.Meegoda	MBBS,MD (Radiology)	Consultant Radiologist
38	Dr.U.P.Kumarasena	MBBS,MD (Radiology)	Consultant Radiologist
39	Dr.(Mrs) S.P.Rubasinghe	MBBS,MD (Radiology)	Consultant Radiologist
40	Dr.(Mrs) P.K.D.D.Wijegunawardana	MBBS,MD (Radiology)	Consultant Radiologist
41	Dr.(Mrs).C.M.D.Sooriyaarachchi	MBBS,MD(Anaesthesia)FRCA	Consultant Anaesthetist
42	Dr.Buddhika Vidanagama	MBBS,MD,FRCA	Consultant Anaesthetist
43	Dr.(Mrs).Rajitha Samarasinghe	MBBS(Col),D.Path,MD.(Chem.Path)	Consultant Chemical Pathologist
44	Dr.(Mrs). P.R.Lakmali Morawaka	MBBS(SL),DTM,MD(Trans: Medicine)	Consultant Transfusion Physician
45	Dr.(Mrs).I.K.A.Walawage	MBBS,MD (Anaesthesia)	Consultant Anaesthetist (Pain)
46	Dr.(Mrs) Nayani Madarasinghe	MBBS,MD (Dermatology)	Consultant Dermatologist
47	Dr.N.M.Nagodawithana	MBBS,MD (Dermatology)	Consultant Dermatologist
48	Dr.S.P.Kandapolaarachchige	MBBS,MD (Psychiatry)	Consultant Psychiatrist

Wards & Beds strength as on 31.12.2018

Ward No		No of Beds				Total
		Male	Female	Child	M & F	
1 & 2	Oncology - Chemotherapy		53			53
3 & 4	Oncology - Radiotherapy	66				66
5	Iodine Ward				6	6
7	Oncology - Chemotherapy	84				84
9 & 10	Oncology - Radiotherapy		54			54
11A	Haematoncology	27				27
11 B	Bhikku ward				7	7
12	Haematoncology		24			24
13	Oncology - Chemotherapy		49			49
14	Oncology - Chemotherapy	51				51
15A	Paediatric			32		32
15B	Paediatric			29		29
15C	Paediatric			16		16
16	Paediatric			43		43
18	Medical		12			12
19	Medical	16				16
22	Oncology - Chemotherapy	46				46
23	Oncology - Chemotherapy		42			42
24	Oncology - Chemotherapy		46			46
25	Oncology - Chemotherapy	42				42
26	Surgery	40				40
27	Surgery		40			40
28	Gynaecology		41			41
29	BMTU				8	8
30	Paying Ward				21	21
	Blood Transfusion Unit				17	17
	ETU				5	5
	MICU				6	6
	PICU				4	4
	Paediatric Chemotherapy Unit				11	11
	SICU				12	12
	Total Pts Beds	372	361	120	97	950
	Chemotherapy Unit					10
	Dialysis Unit					4
	Examination beds in Wards					17
	Examination beds in clinics					37
	Operation Theater beds					6
	OT Examination & Recovery					9
	Total Hospital beds					1033

Wards and Consultants – 2018

Name of Consultant	Chemotherapy		Radiotherapy	
	Male	Female	Male	Female
Dr.Mrs.Damayanthi C Pieris	Wd 22	Wd 13	Wd 3	Wd 10
Dr.Lakshman Obeysekera	Wd 14	Wd 23	Wd 4	Wd 9
Dr.Miss.Kanthi A Perera	Wd 22	Wd 13	Wd 3	Wd 9
Dr.Dehan Gunasekara	Wd 25	Wd 1	Wd 3	Wd 10
Dr.Mrs.Sujeewa Weerasinghe	Wd 25	Wd 2	Wd 3	Wd 9
Dr.Prasad Abeysinghe	Wd 7	Wd 24	Wd 4	Wd 10
Dr.N.Jeyakumaran	Wd 7	Wd 24	Wd 4	Wd 10
Dr.T.Skandarajah	Wd 7	Wd 24	Wd 4	Wd 10
Dr.Mrs.Umagowry Saravanamuttu	Wd 14	Wd 23	Wd 4	Wd 9
Dr.Priyantha Madawala	Wd 11	Wd 12		
Dr.K.Sanath Wanigasooriya	Wd 11	Wd 12		
Dr.Kanishka De Silva	Wd 26	Wd 27		
Dr.Panduka Jayasekara	Wd 26	Wd 27		
Dr.Mahanada Udukala	Wd 26	Wd 27		
Dr.A.Parthiepan	Wd 26	Wd 27		
Dr.Mrs.T.Rajshankar	Wd 19	Wd 18		
Dr.Chinthana Hapuachchi		Wd 28		
Dr.Mrs.Samanthi Premarathna		Wd 28		
Dr. Sarada Kannangara		Wd 28		
Dr.R.W.M.W.K.Rathnayake	Wd 15A			
Dr.Mahendra Somathilaka	Wd 15B, Wd 15C			
Dr.K.Sanath Wanigasooriya	Wd 15C, Wd 16			
Dr.(Mrs).Thushari Hapuarachchi	Wd 16			
Dr.Deepal Perera	Paediatric ICU			

Staff Position - Medical & Other Personnel- 2018

(as on 31st of December 2018)

Designation	Male	Female	Total
Medical officers			
a. Administrative Grade -Senior	0		0
-Deputy	1		1
b. Specialists(Curative)	24	24	48
c. Hospital MO(DMO,SHO,HO,MO.OPD)	88	176	264
d. MO Blood Bank	4	5	9
e. Internee Medical Officer			
e. P.G.I.M.Trainees	20	15	35
Dental Surgeons	1	1	2
Registered/Ass:Medical officers	1	2	3
Accountant		1	1
Biochemists	1		1
Physicist	6	6	12
Nurses (a) Matrons	1	3	4
(b) Ward Sisters		12	12
(c) Nursing officers	36	520	556
Special Grade MLT			0
Special Grade Pharmacist			0
Pharmacist	22	13	35
MLT	19	23	42
Radiographers	36	8	44
Physiotherapists	5	5	10
Speech Therapists		1	1
PHI	1		1
ECG Recordists	3	1	4
Nutritionist		1	1

Designation	Male	Female	Total
Technical Officer civil	1		1
PMAS supra grade		1	1
PMAS grade 1			
PMAS grade 11	3	18	21
PMAS grade 111			
Infor: & comm: Tec.Assistant		1	1
Development Officer	1	13	14
Ward Clerk		9	9
Telephone operator	2		2
Attendants	16	38	54
Machine operator			0
Diet Stewardess		1	1
House warden		2	2
Overseer			0
Plumber	1		1
Driver	10		10
Liftman	2		2
Cook	9	2	11
Seamstress		2	2
Lab Orderly	3	2	5
Ordinary SKS	63	50	113
Junior SKS	163	73	236
Substitute labourer	21	48	69
Electrician			
KKS	1	2	3
Total Staff	565	1079	1644

*What we
Gained.....*



Haematopoietic Stem Cell Transplant (HSCT) centre (Bone marrow Transplant Unit)

National Cancer Institute (NCI) of Sri Lanka is a government institute which provides all services free of charge. Absence of Haematopoietic Stem Cell Transplant (HSCT) was a major deficiency in NCI as most patients cannot afford transplant abroad. In 2013/14 clinicians of NCI decided to establish the first national HSCT centre in collaboration with National Blood Transfusion service (NBTS). This was enthusiastically supported by the Government, local and expat sponsors. Collaboration between NCI and St Vincent's Hospital Sydney (SVHS) followed by infrastructure development, mentorship and training and setup of protocols resulted in the first Autologous HSCT in December 2016.

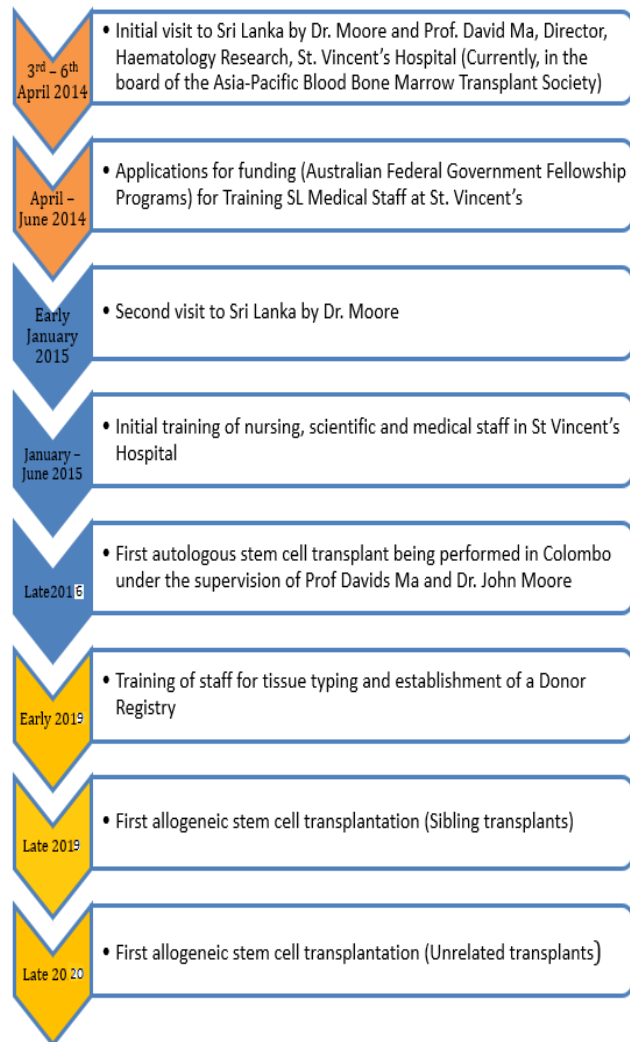
A new two bed HSCT facility at Razavi medical complex was constructed and Flowcytometry facilities were upgraded. NBTS undertook apheresis, stem cell processing and cryopreservation.

With support of government, Sri Lanka High commissioner in Australia, an education grant from the Australian Federal Government and the Australian Sri Lanka Association, 16-member team from NCIM consisting Oncologist, Haematologist, Transfusion Physician, Microbiologist, four medical officers, two lab technicians, a pharmacist and five Nurses received initial intensive education and training from the team at SVHS.

After returning, team continued the training and preparations of the facilities. Through regular videoconferences and the e-learning programmes, team in Sydney offered continuous mentoring and helped to design the transplant ward and stem cell facilities. In late 2016 the team performed the first ever transplant under the guidance of five-member team from SVHS.

20 transplants were performed in our first year of operation with Zero transplant related mortality. These results were presented at the 23rd Annual Congress of Asia-Pacific Blood and Marrow Transplantation (APBMT) 2018 and 60th American Society of Hematology (ASH) Annual Meeting with high accolades. The presentation was also published in Blood Advances, ASH's, open access journal, in a special print edition for the Annual Meeting as one of the top haematology initiatives in low- and middle-income countries.

As at January 2018, further 30 patients have received successful autologous transplants bringing the total transplants to 50 within 24 months after commencement of the HSCT facility at NCI. Majority of patients were having Multiple myeloma (46 patients). 3 patients had relapsed Hodgkin's Lymphoma and one each Mediastinal B - cell Lymphoma and Castleman's disease. 35th patient to receive transplant having poor risk multiple times relapsed Hodgkin's Lymphoma unfortunately succumbed on 7th day following transplant making her the only transplant related mortality so far.



First stem cell collection

This encouraging transplant outcome was attributed to, commitment by trained multi-disciplinary team complemented by partnership with an experienced and dedicated voluntary mentoring team (SVHS), meticulous planning, adequate equipment and infrastructure support from government, local and expat philanthropists. After improving the facilities and staff numbers, we plan to initiate allogeneic programme in NCI and to commence assisting the setting up of other HSCT centres in the country.

PET-CT Scanner



The National Cancer Institute of Sri Lanka (Apeksha Hospital) is the main tertiary care centre for the management of cancer patients. It started doing Positron Emission Computed Tomography (PET-CT) scanning for the patients in August 2018.

Positron Emission Computed Tomography (PET-CT) has become a key investigation tool in the assessment of cancer.

1. PET scan measures important body functions such as blood flow, oxygen use and glucose metabolism to help doctors to evaluate how well organs & tissues are functioning. CT imaging provides excellent anatomical information using special X-ray equipment.
2. The combine PET-CT scan provide images that pin point the anatomical location of abnormal metabolic activity within the body.
3. PET-CT scans are performed to
 - Detect cancer
 - Determine whether a cancer has spread in the body
 - Assess the effectiveness of a treatment plan, such as cancer therapy.
 - Determine if a cancer has recurred after treatment.

In the use of PET-CT, patients would benefit from improved disease assessment resulting in altered management and improved outcomes. PET CT would be helpful in patients who have equivocal or definite abnormalities on other imaging where PET CT may alter the management strategy if found to be positive or negative.

The newly installed PET CT scanner is in the department of radiology under supervision of consultant radiologists. The machine is Siemens biograph horizon with latest technology manufactured in USA. The PET-CT unit is built with new infrastructure facilities, which include a new hot lab, 4 hot rooms (for patients waiting), new control room, patients reception area and reporting room to the radiologists.

This PET-CT scanner was the first functioning machine in the government health sector. Therefore a team of consultant radiologists (4) and two physicists were trained 2 weeks in the university hospital of Minnesota USA, under supervision of professor G.Frolich. Another team of radiographers (3) were separately trained 2 weeks in United Kingdom and one week in India. The other staff involving in the procedure including nurses, medical officers, and minor employees, were trained by the above overseas trained staff personal.

The PET-CT scan is done with intravenous administration of radioactive substance, ¹⁸F fluorodeoxyglucose (FDG) which has a very short half-life of approximately 110 minutes. It is imported from the nearest country India on the day of investigation once a week. The staff is well-trained and dedicated to handle the isotope as soon as it reaches the hospital door step. Currently scanners are done one day per week, approximately 10-11 patients according to the activity of FDG. The FDG usually reaches the radiology department around 12 PM, by the time scheduled patients are ready for the administration of isotope. Usually the patient has to wait in the hot room for one hour after injection of FDG. Scan time in the machine is approximately 15-20 min. after completing the scan patient is discharged.

Injections of isotope are done by the radiographers under the supervision of radiologist. Radiation monitoring of the staff, quality control and calibration of the machine were done by physicists. Ultimately the scans are reported by consultant radiologists.

PET uses small amount of radioactive materials, a special camera and a computer to help evaluate your organ and tissue function. By identifying body changes at the cellular level, PET may detect the early onset of disease before it is evident on other imaging tests.

Non oncological uses of PET CT are.

- Determine blood the flow to heart muscle.
- Determine the effects of a heart attack or MI on areas of the heart.
- Identify the areas of the heart muscle that would benefit from a procedure such as angioplasty, coronary artery by - pass surgery (in combination with myocardial perfusion scan)
- Evaluate brain abnormalities such as tumors, memory disorders, seizures and other CNS disorders.
- Map normal human brain function.

CLINIC DAYS – APEKSHA HOSPITAL MAHARAGAMA

	Name of Consultant	Designation	Name of the Clinic	Clinic Days	Clinic Room No
1	Dr.(Mrs).Damayanthi C. Peris	Consultant Oncologist & Radiotherapist	Oncology	Tuesday, Friday	223
2	Dr.(Miss).Kanthe A. Perera	Consultant Clinical Oncologist	Oncology	Monday, Wednesday	223
3	Dr.Dehan Gunasekara	Consultant in Radiation & Medical Oncology	Oncology	Monday, Thursday	229
4	Dr.Lakshman Obeysekara	Consultant Oncologist	Oncology	Monday, Thursday	G 7
5	Dr.M.A.Y.Ariyaratna	Consultant Clinical Oncologist	Oncology	Tuesday, Thursday	G 24
6	Dr.(Mrs).Sujeewa Weerasinghe	Consultant Clinical Oncologist	Oncology	Tuesday, Friday	229
7	Dr.Prasad Abeysinghe	Consultant Clinical Oncologist	Oncology	Wednesday, Friday	116
8	Dr.N Jeyakumaran	Consultant Clinical Oncologist	Oncology	Monday, Thursday	116
9	Dr.T.Skandarajah	Consultant Clinical Oncologist	Paediatric Oncology	Tuesday, Friday	205
10	Dr.R.W.M.W.K. Rathnayake	Consultant Clinical Oncologist	Paediatric Oncology	Monday, Thursday	205
11	Dr.K.S.U.Wanigasooriya	Consultant in Radiation & Medical Oncology	Paediatric Oncology	Wednesday, Friday	G 24
12	Dr.Mahendra Somathilaka	Consultant Paediatric Oncologist	Paediatric Oncology	Tuesday, Thursday	116, 223
13	Dr.(Mrs).Thushari D. Hapuarachchi	Consultant Clinical Oncologist	Paediatric Oncology	Wednesday	205
14	Dr.Priyantha Madawala	Consultant Clinical Oncologist	Haemato-Oncology	Tuesday, Thursday	116, 223
15	Dr.(Mrs).Samanthi Premarathna	Consultant Gynaecological Oncologist	Gynaecology	Friday	125
16	Dr.H.D.K.Chintana Hapuachchi	Consultant Gynaecological Cancer Surgeon	Gynaecology	Wednesday	125
17	Dr.Sarada Kannangara	Consultant Gynaecological Cancer Surgeon	Gynaecology	Wednesday	125
18	Dr.PandukaJayasekara	Consultant Surgeon	Surgical / Breast	Monday (Surgical), Friday (Breast Clinic)	125
19	Dr.Kanishka De Silva	Consultant Surgeon	Surgical / Braest	Tuesday (Breast Clinic) , Thursday (Surgical)	125
20	Dr.Mahanada Udukala	Consultant Surgeon	Surgical / Breast	Tuesday / Fri day	G 8, G 22
21	Dr.A Parthiepan	Consultant Oncological Surgron	Surgical	Wednesday,	229
22	Dr.(Mrs).T.Rajshankar	Consultant Physician	Medical	Wednesday, Friday	G 7
23	Dr.(Mrs) W.M.P.Bandara	Consultant Physician	Medical	Daily	G 21
24	Dr.(Mrs).I.K.A.Walawage	Consultant Anaesthetist	Pain Management	Daily	116
25	Dr.(Mrs).Nayani Madarasinghe	Consultant Dermatologist	Dermatology	Monday	G 24
26	Oncologist, Anaesthetist		Palliative Care	Daily	G 235

Medical Statistics Unit
National Cancer Institute
Maharagama – Sri Lanka