



MALABAR CANCER CENTRE

(Post Graduate Institute of Oncology Sciences and Research)

Moozhikkara (P.O), Kannur District, Kerala, India-670103.

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FACT SHEET AS OF January, 2026

01. Institutional Overview

1.	Name of the Organization	Malabar Cancer Centre (Post Graduate Institute of Oncology Sciences and Research)
2.	Location	Moozhikkara PO, Thalassery, Kerala
3.	Type	Apex Cancer Centre
4.	Status	Autonomous Institution under Department of Health and Family Welfare, Government of Kerala
5.	Land	25.4 Acres
6.	Bed Strength	353
7.	Clinical Activities started	2001
8.	No. of Departments	16
9.	Clinical & Academic Departments	Surgical Oncology, Radiation Oncology, Clinical Haematology and Medical Oncology, Clinical Laboratory Services & Translational Research, Radiology/Radiodiagnosis, Respiratory Medicine and Critical Care, Nuclear Medicine, Cancer palliative Medicine, Dentistry and Rehabilitation, Onco Anaesthesiology, Cancer Registry and Epidemiology, Preventive & Community Oncology
10.	No. of Divisions	39
11.	No. of New case Registrations in 2025	8854
12.	No. of Follow-up Patients in 2025	1,36,520
13.	Total No. of Surgeries done in 2025	3681
14.	Total No. of Chemotherapy in 2025	27481
15.	Total No. Radiotherapy in 2025	2481
16.	Total BMT in 2025	38
17.	No. of Courses	02- Allied health Science Courses 11- Medical PG Courses 18 -Institutional fellowship program 09-Certificate courses
18.	No. of Publications in the period 2024-25	39
19.	Ongoing Extramural Research Projects	8
20.	Ongoing Clinical Trails	23
21.	Patents	Three Patents: Two US Patent and one Indian patent, One patent application
22.	No. of Start-ups incubated in MIINT	7
23.	No. of new Products launched from MIINT	3

02. Clinical Data-2025 & January 2026

Diagnostic & Imaging Services

Test Type	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
Cytology	188	230	179	176	181	165	169	155	212	181	179	127	2142	155
Histopathology	698	657	622	625	707	674	752	645	657	712	651	669	8069	735
MRI	163	139	179	172	178	156	164	151	131	163	165	197	1958	213
CT scan	500	461	497	570	527	506	600	539	571	566	557	556	6450	618
Mammogram	321	332	419	344	383	315	328	328	328	363	285	319	4065	325
USG	250	238	250	263	303	245	264	213	199	239	199	250	2913	240
X ray	647	605	643	654	657	657	740	687	672	766	636	660	8024	737

Patient Care & Procedures

Category	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
New Cases	736	653	782	729	768	715	729	668	740	835	767	832	8854	787
Follow-up cases	11025	8925	9530	10541	10790	19382	11456	11488	10767	11462	9794	11360	136520	11159
In patients	11761	9578	10312	11270	11558	20097	12185	563	601	618	566	592	6889	580
Daycare Chemo therapy Injections	543	530	556	553	597	575	593	1782	2050	2120	1884	2148	23266	2136
IP Chemo therapy Injections	1823	1588	1766	1937	1889	2203	2076	293	378	383	386	434	4215	345
Total Chemo therapy Injections	371	308	367	307	343	346	299	2075	2428	2503	2270	2582	27481	2481
Major Surgeries	2194	1896	2133	2244	2232	2549	2375	229	207	210	190	201	2528	190
Minor Surgeries	220	192	202	188	232	229	228	93	94	101	100	99	1153	114
Total Surgeries	79	86	86	102	113	98	102	322	301	311	290	300	3681	304

Nuclear Medicine

Procedure	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
PET CT	124	104	46	87	107	117	120	113	113	119	108	103	1261	127
Bone scan)	3	17	16	34	35	33	34	22	29	31	30	23	307	37
WBI	84	59	31	26	33	27	25	42	26	18	30	31	432	13
HD Iodine Therapy	44	30	21	28	49	41	33	30	32	37	33	26	404	26
PSMA PET CT	12	8	3	7	8	9	11	11	11	11	12	17	120	8
DOTA Therapy	0	1	1	0	1	1	0	0	1	0	0	3	8	3
DTPA Scan	0	5	2	3	4	3	4	0	1	8	4	9	43	7

Radiotherapy Services

Treatment type	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
Curative RT	81	95	103	120	110	103	115	119	117	128	100	117	1308	118
Palliative RT	96	100	100	103	102	85	104	103	88	98	87	107	1173	97
Total EBRT	177	195	203	223	212	188	219	222	205	226	187	224	2481	215
3DCRT	28	20	21	27	44	34	41	36	37	42	37	40	407	38
IMRT/VMAT	44	59	64	77	51	54	60	63	58	70	55	67	722	54
Hybrid ARC	0	0	0	0	0	0	1	0	0	0	0	0	1	0
SRS/SRT	0	1	3	0	3	2	2	1	2	2	0	3	19	1
Electron Beam Therapy	0	0	0	0	0	0	0	1	1	2	1	3	8	0
2D RT	14	11	12	14	12	13	11	18	20	16	7	60	208	2
CT Simulation	42	48	30	47	49	34	63	227	212	214	177	242	1385	0
Brachytherapy (Total)	28	20	21	27	44	34	41	20	23	53	45	60	416	2
ICA	29	36	14	24	10	29	40	12	16	24	25	40	299	0
Sorbo	10	11	14	21	37	4	21	5	7	29	20	19	198	0
Interstitial Implantation	3	1	2	2	2	1	2	3	0	0	0	1	17	10
Brachy Simulation	320	37	16	27	14	31	42	15	17	24	27	44	614	83
ABC	1	4	0	0	0	0	0	0	0	0	0	0	5	46
Electron Boost	3	2	3	1	3	4	7	5	3	1	2	7	41	36

Pathology & Laboratory Statistics

Test/Activity	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
Biopsy – Small	228	206	216	222	232	232	275	225	250	277	244	249	2856	267
Biopsy – Radical	159	145	152	159	176	166	170	158	145	143	139	137	1849	147
FNAC	19	16	36	45	33	18	24	62	15	18	20	20	326	61
└ With Cell Block	95	57	64	45	56	51	55	58	53	50	49	52	685	36
Effusion Fluid Cytology	24	30	29	34	29	40	32	20	27	41	34	24	364	45
└ With Cell Block	35	26	29	26	28	27	26	38	28	21	22	25	331	31
Peripheral Smear	126	98	124	110	127	115	123	114	117	141	132	112	1439	140
Gynaecological Cytology	9	84	115	6	7	6	5	9	9	14	11	16	291	12

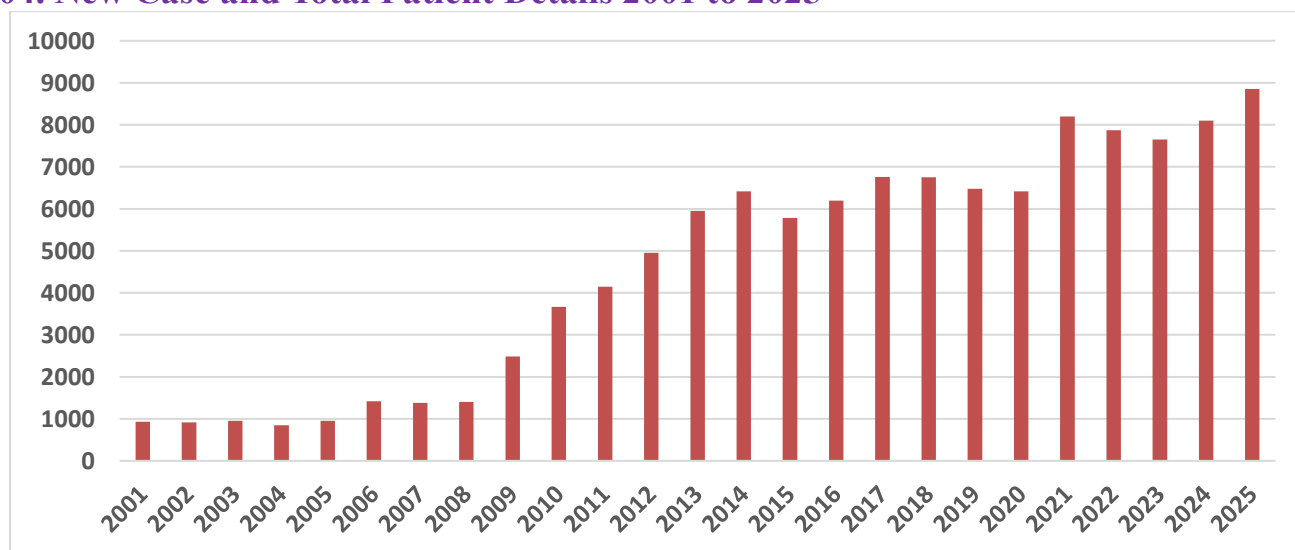
Bone Marrow Aspiration	63	50	68	69	70	46	73	53	64	71	76	74	777	76
Bone Marrow Biopsy	70	45	65	71	68	46	69	52	62	71	73	74	766	73
CMV PCR Tests	63	47	78	99	103	86	80	71	67	89	57	90	930	93
Culture & Sensitivity	699	591	635	641	568	640	697	657	734	789	627	679	7957	714
Gram Stain	10	14	21	21	19	22	27	12	17	8	10	10	191	25
Fungal Culture	5	3	14	17	16	10	5	4	12	7	7	6	106	10

	Jan, 2025	Feb, 2025	Mar, 2025	April, 2025	May, 2025	June, 2025	July, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	Total 2025	Jan 2026
BMT	4	3	2	3	3	3	3	4	5	1	4	3	38	4
CAR T cell	0	1	0	1		0	0	0	0	0	0	2	4	0

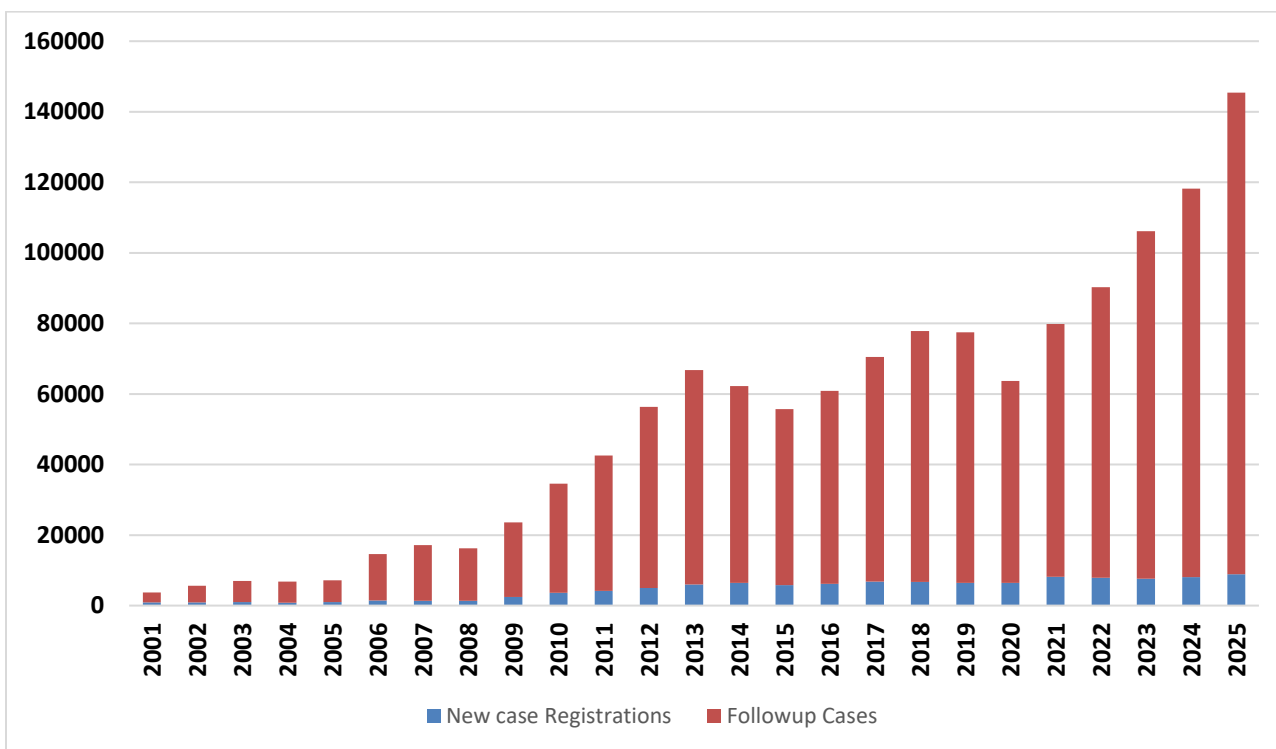
03. Clinical Data (Last Six Years)

	2020	2021	2022	2023	2024	2025
New case registered	6417	8196	7871	7650	8053	8854
Follow-up cases	57296	71615	82429	98459	111973	136520
Total Patients	63713	79811	90300	106092	120026	145374
In patients	4541	5052	5497	5683	6404	6889
Major surgeries	1578	1887	2000	2084	2408	2528
Minor surgeries	708	674	666	771	916	1153
Total Surgeries	2290	2561	2666	2855	3324	3681
Chemotherapy	15182	21424	22325	23149	24904	27481
Radiotherapy	1933	2366	2398	2247	2203	2481
BMT	17	22	30	36	40	38
CAR-T Cell Therapy					2	4

04. New Case and Total Patient Details 2001 to 2025

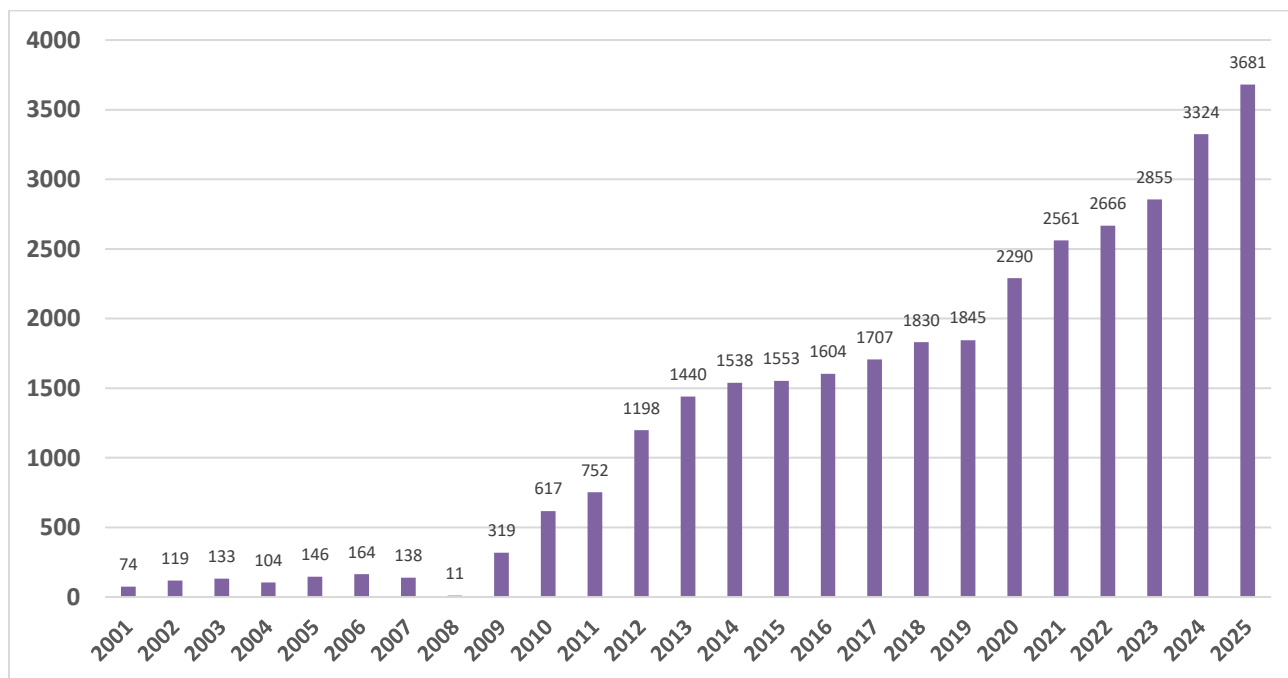


New case Patient Details (2001-2025)

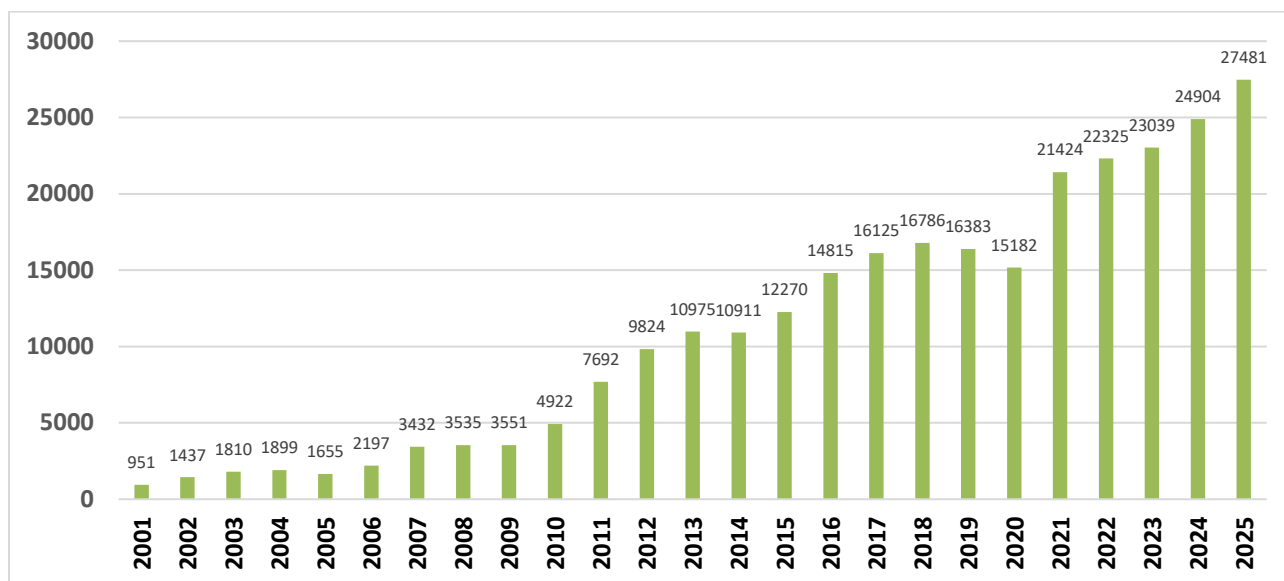


Total Patient Details (2001-2025)

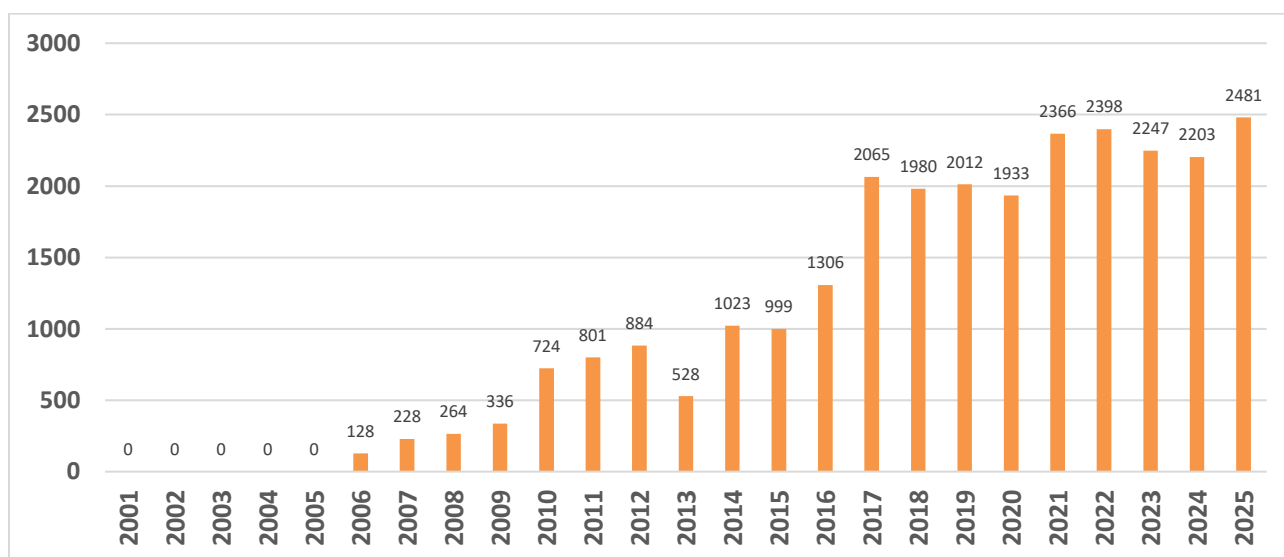
05. No. of Surgeries 2001-2025



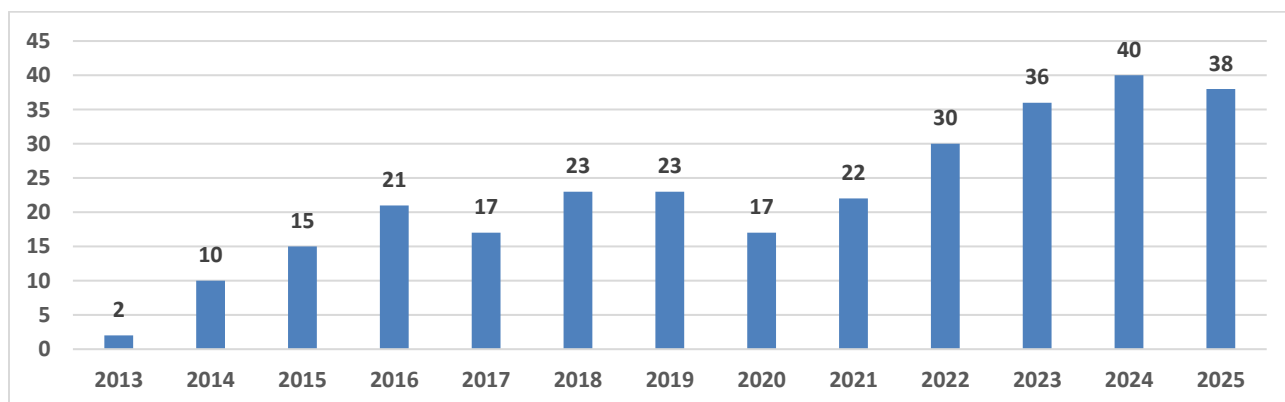
06. No. of Chemotherapy 2001-2025



07. No. of Radiotherapy 2001-2025



08. BMT (2013-2025)



09. Average number of new Cancer cases detected every year.

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
830	728	725	623	635	1044	1031	1071	1745	2273

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2631	3192	3867	4433	3910	4392	4587	4557	4467	5055

2021	2022	2023	2024	2025
6024	4854	4754	5580	6040

10. State and District-wise Patient visits during FY 2024-25

State and District-wise Patient Visits during FY 2024-25		
State	District	No. of New Patients
KERALA	Alappuzha	14
KERALA	Ernakulam	39
KERALA	Idukki	18
KERALA	Kannur	4335
KERALA	Kasaragod	1123
KERALA	Kottayam	7
KERALA	Kozhikode	1212
KERALA	Malappuram	594
KERALA	Palakkad	177
KERALA	Pathanamthitta	7
KERALA	Kollam	21
KERALA	Trichur	90
KERALA	Trivandrum	27
KERALA	Wayanad	337
ANDHRA PRADESH	Chittor	1
ANDHRA PRADESH	Guntur	1
BIHAR	Nawada	1
BIHAR	Samastipur	1
BIHAR	Saran (Chapra)	1
GOA	North Goa	1
KARNATAKA	Bangalore Rural	4
KARNATAKA	Bangalore Urban	4
KARNATAKA	Coorg	22
KARNATAKA	Dakshina Kannada	24

KARNATAKA	Gadak	8
KARNATAKA	Karwar	1
KARNATAKA	Koppal	1
KARNATAKA	Madikeri	3
KARNATAKA	Mandya	1
KARNATAKA	Mysore	6
KARNATAKA	Shimoga	1
KARNATAKA	Udupi	1
LAKSHADWEEP	Lakshdweep	1
MAHARASHTRA	Beed	1
MAHARASHTRA	Mumbai-City	2
MAHARASHTRA	Sangli	1
MAHARASHTRA	Thane	2
ODISHA	Jajpur	1
ODISHA	Khurda	1
PONDICHERRY	Mahe	76
PONDICHERRY	Pondicherry	10
RAJASTHAN	Jodhpur	1
TAMIL NADU	Chennai	1
TAMIL NADU	Coimbotore	3
TAMIL NADU	Cuddalorei	1
TAMIL NADU	Erode	1
TAMIL NADU	Kanniyakumari	2
TAMIL NADU	Madurai	1
TAMIL NADU	Nilgiris	11
TAMIL NADU	Perambalur	1
TAMIL NADU	Thanjavur	1
TAMIL NADU	Villupuram	3
UTTAR PRADESH	Almora	1
UTTAR PRADESH	Bageshwar	2
UTTAR PRADESH	Nainital	1
WEST BENGAL	Bardhaman	2
WEST BENGAL	Birbhum	1
WEST BENGAL	Jalpaiguri	1
WEST BENGAL	Murshidabad	1
WEST BENGAL	North 24 Parganas	1

11. Percentage of patients given free treatment using various financial assistance schemes of Government & Subsidy given based on Economic status.

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Total % of patients given free treatment using various financial assistance schemes.	96.00 %	95.94 %	95.10%	87.56%	82.76%	92.59%	89.29%	88.52%	88.90%
Treatment charge discount	3.85 Cr.	5.54 Cr.	5.77 Cr	4.20 Cr.	1.01 Cr.	0.52 Cr.	0.69 Cr.	0.613 Cr.	0.461Cr.
Pharmacy discount (from MRP)	27.43 Cr.	26.13 Cr.	26.18 Cr	15.62 Cr.	11.44 Cr.	20.50 Cr.	21.79 Cr.	20.782 Cr.	23.92Cr.
Total treatment subsidy given by MCC(PGIOSR)	31.28 Cr.	31.67 Cr.	31.95 Cr.	19.82 Cr	12.45 Cr	21.02 Cr	22.48 Cr.	21.395 Cr.	24.38Cr.

12. Physical Achievements of Major Schemes

Scheme name	No. of claims 2024-25	No. of Beneficiaries 2024-25
Karunya Arogya Surakha Pathathi	23751	4753
Karunya Benevolent Fund	6468	1574
Arogyakiranam	1237	134

13. Major achievements last 2 years

1. **Plaque brachytherapy** started for the first time in Kerala for eye cancers. Very few institutions in India perform this treatment. It helps to preserve the eye in case of cancers of the eye.
2. **Robotic Surgical Systems:** More than 270 robotic cancer surgeries were performed
3. **NABH Digital Health Standards- Silver level accreditation**
4. **CAR-T Cell Therapy** procedure: MCC(PGIOSR) is the second Government institution in the country to perform this latest cancer treatment
5. New **Treatment and Academic Block** Inaugurated.
6. **Malabar Cancer Centre Innovation Incubation Nest (MIINT) for Start-Ups.** First Government healthcare facility to start Innovation and Incubation centre in the state
7. Renovated Labs, Blood bank, Pharmacy and Operation Theaters
8. Established **Molecular Tumor Board** and **Personalized medicine facility** in Cancer
9. **Pressurized Intraperitoneal Aerosol Chemotherapy (PIPAC)** for ovarian cancer patients.

14. Major initiatives of MCC (PGIOSR) for the last 5 years

- 1) Sleep Clinic
- 2) Onco-fertility Assistance Clinic
- 3) Plaque brachytherapy for Eye cancers
- 4) Low-cost CAR-T Cell Therapy:
- 5) Malabar Cancer Centre Innovation Incubation Nest (MIINT) for Start-Ups
- 6) Low Level LASER therapy:
- 7) Robotic Surgery System:
- 8) Extend Pediatric Transplantation Program
- 9) Molecular Tumor Board and Personalized medicine facility in Cancer:
- 10) Carbon Neutral Campus initiative:
- 11) Industrial collaboration:
- 12) Pain control initiative in Children with cancer
- 13) LYMPHA Surgery in Breast cancer:
- 14) TCR $\alpha\beta$ and CD19 Depletion of hematopoietic stem cell product for patient diagnosed with Thalassemia undergoing Haploidentical Transplantation
- 15) Next Generation Sequencing (NGS) services have been expanded with a 50-gene panel for solid tumors and dedicated NGS panel for myeloma
- 16) PDL-1 Testing for Immunotherapy: PDL1 IHC test started.
- 17) Dedicated Neurosurgical Oncology Services
- 18) Ocular Oncology Division
- 19) Cancer Biobank
- 20) Paperless Hospital (e-office, Cancer care HIMS/EMR software)
- 21) Up skilling Training in Association with Other Organizations and Institutions (ASAP Kerala, ICT Academy of Kerala, JDT Islam College of Physiotherapy, Kerala State Pharmacy Council, etc.)
- 22) Clinical and Research Quality Improvement Programme and Clinical Trial Unit
- 23) Transparent patient redressal mechanism-OPPAM
- 24) Waste Management at MCC(PGIOSR)-A Model of Excellence:
- 25) Kannur District Cancer Control Consortium (KCCC): Empowering Community-Based Cancer Control

15. Accreditations

- a) DSIR-SIRO certification
- b) KUHS QAS Accreditation
- c) NABH accredited Hospital
- d) NABL Accreditation for all Labs.
- e) NABH Digital Health Standards- Silver level accredited

16. Awards Received

1. Chief Minister's Awards for Innovation in Public Policy-2015 (Category: Personnel Management; I-Prize)
2. Kerala State Energy Conservation Award, 2016(I-Prize)
3. Kerala State Pollution Control Board Award 2017
4. Kerala State e-Governance Awards 2016 & 2017 (e-Palliative Care Project won II Prize in e-Citizen Service Delivery Category, Aware & Awake Project won II Prize in Social Media & e-Governance Category)
5. Kerala State Pollution Control Board Award – 2018.
6. Kerala State e Governance award 2019-20, 2020-21 (OPPAM Initiative won Third Prize in Social Media & e-Governance Category and Second Prize in Innovations in Covid Pandemic Management. Project)
7. Kerala State Pollution Control Board Award, 2025

17. Courses

1. School of Allied Health Sciences- MCC(PGIOSR)

- a) BSc Medical Radiological Technology (BSc MRT)
- b) MSc Medical Microbiolog

2. Malabar Cancer Centre Post Graduate Institute of Oncology Sciences and Research

- a) DM Oncopathology
- b) DNB Pathology
- c) DNB Radiation Oncology
- d) Dr NBa Surgical Oncology
- e) DrNB Clinical Hematology
- f) DrNB Medical Oncology
- g) DrNB Gynecological Oncology
- h) DMRD
- i) FNB Pediatric Hemato Oncology
- j) FNB Head & Neck Oncology
- k) FNB Onco Anaesthesia

3. Institute of Nursing Sciences and Research

- a) B. Sc. Nursing

4. Institutional Fellowship Programmes

- a) High Precision Radiotherapy
- b) Gastrointestinal Oncology
- c) Onco Anaesthesiology
- d) Hemato-Oncology & BMT
- e) HematoPathology
- f) Solid Tumor Onco Pathology
- g) Gynaecologic Oncology
- h) Head & Neck Oncology
- i) Oral Oncology
- j) Molecular Pathology
- k) Solid Tumour Oncology
- l) Aphaeresis Medicine
- m) Onco-imaging & Interventional Radiology
- n) Breast Surgical Oncology
- o) Psycho-Oncology
- p) Oncology Social Work
- q) Oncology Nutrition
- r) Clinical Research

5. Certificate Courses

- a) Certificate course in Histopathology
- b) Certificate course in Flow Cytometry
- c) Certificate course in Blood Bank Technology
- d) Certificate course in Phlebotomy

- e) Certificate course in Health Information Technology
- f) Certificate Program in Oncology Pharmacy
- g) Certificate Program in Medical Secretary
- h) Certificate Program in Chemotherapy Nursing
- i) Certificate Program in Molecular Techniques for Clinical Applications

18. Unique Achievements.

- a) First Government owned hospital in Northern Kerala to start **Bone Marrow Transplantation**. More than 300 Bone Marrow transplants completed successfully.
- b) The first Government centre started performing **pediatric bone marrow transplantations** in Kerala. This includes **Autogenic, Allogenic (Related and Unrelated) and Haplo-identical transplantations**
- c) The only Government institution performing **Pediatric stem cell transplantation for congenital disorders**
- d) The Only Government institution performing **Bone marrow transplantation for Hematological disorders- Thalassemia etc**
- e) First Cancer Centre in Northern Kerala to acquire **High end multiple energy linear accelerator with FFF technology**.
- f) First Cancer Centre in Northern Kerala to acquire **Blood Irradiator**.
- g) First cancer centre in Kerala to Start **Cancer Genetics Clinic**
- h) First Cancer centre in India to develop, test and implement **E-Palliative care**.
- i) First Cancer Centre in South India to be a **Pain Free Hospital**
- j) First institution in Kerala to acquire and use **Robotic biopsy and intervention radiology assistance system**
- k) First Cancer centre in Northern Kerala to introduce **High end Dual Energy Linear Accelerator with VMAT capability** in Public sector.
- l) First government institution to **NABL Accreditations** for all labs in the state
- m) First Government Cancer Centre and institution to establish **Next Generation Sequencer facility and Personalised Genomic diagnostic facility for cancer** in the state
- n) First Government institution to establish **Tumor Biobank** in Kerala
- o) The Second Government institution in Kerala to start **Robotic Surgery in Oncology**. More than 270 surgeries completed.
- p) **F-18 PSMA scan** performed first time in Kerala
- q) The first Government Institution to launch **Bone Marrow Donor Registry** in India.
- r) **Plaque brachytherapy** started for the first time in Kerala for eye cancers.
- s) The second government institution in India has commenced the **CAR-T Cell Therapy** procedure.
- t) First Government healthcare facility to start **Innovation and Incubation centre (MIINT)** in the state
- u) Established **Molecular Tumor Board and Personalized medicine facility** in Cancer
- v) 'Kannapuram Model' is a success story of community participatory research in cancer care.
- w) First government-owned institution in Kerala to provide **Pressurized Intraperitoneal Aerosol Chemotherapy (PIPAC)** for ovarian cancer patients.

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