

# 42<sup>nd</sup> ANNUAL REPORT 2014 – 15

**Saroj Gupta Cancer Centre & Research Institute**  
(Formerly Cancer Centre Welfare Home & Research Institute)  
Mahatma Gandhi Road. Thakurpukur. Kolkata 700 063



This Institute was originally registered as Cancer Centre and Welfare Home on February 29, 1973 as a Registered Society under West Bengal Societies Registration Act XXVI of 1961. Subsequently, to cope up with increasing activity of the Society, its name was further changed by re-registration on April 1, 1997 to Cancer Centre Welfare Home & Research Institute. After the sad demise of Dr Saroj Gupta, the founder Secretary and Director of this Institute, the name of the society was further changed and registered as Saroj Gupta Cancer Centre & Research Institute on December 20, 2011. The society is a **non-profit philanthropic body** that is engaged in catering to the needs of the people suffering from cancer. The organization is a Comprehensive Cancer Institute that is actively involved in **Treatment, Control and Research on Cancer**.

Since its inception on 20th February 1973, it has received mass support and donations from people of this country and from abroad. It is the public support and aid that has transformed a 25-bed welfare home to one of the largest Comprehensive Cancer Institutes of the country. **Donations to this Institute are exempted under section 80G of Income Tax Act, 1961.**

The Ministry of Science & Technology, Government of India has recognized this Institute as a SIRO (Scientific & Industrial Research Organization). As such, **donations to this organization are also exempted under section 35(1)(ii) of Income Tax Act, 1961.**

**We earnestly solicit your help to assist us in our fight against cancer**

<b>Registration No</b>	S/ 12687 of 1972-73
<b>Registered Office</b>	Mahatma Gandhi Road, Thakurpukur, Kolkata 700 063
<b>Telephone Nos</b>	+91 033 2467 8001/ 8003; 2453 2781/82/ 83 & 2438 3145 Mob:98311 82951/ 82904
<b>FAX Numbers</b>	+91 033 2467 8002/ 2453 6711/ 2453 4765
<b>E-mail</b>	cancerwelfare@yahoo.co.in, cancercentre6@gmail.com Research Division: researchsgccri@gmail.com
<b>Website</b>	www.cancercentrecalcutta.org

*This Annual Report is published by Mr. Anjan Gupta (Hon. Secretary) on behalf of Saroj Gupta Cancer Centre & Research Institute. Printed by Graphics Printers, 7/16, Naktala Lane, Kolkata 700 047.*



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## 42nd ANNUAL REPORT

2014 – 15

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## Members of Governing Body/ Managing Committee

<b>President</b>	:	Mr Jayanta Chatterji
<b>Vice-Presidents</b>	:	Mr Amit Kumar Sen
	:	Mr Shib Sanker Mukherji
<b>Secretary</b>	:	Mr Anjan Gupta
<b>Joint Secretary</b>	:	Dr Radhe Shyam Majumder
<b>Asst Secretary</b>	:	Mr Kanak Kumar Sengupta
<b>Treasurer</b>	:	Mr Kamakshya Prasad Sengupta
<b>Members</b>	:	Mr Subhash Guha Niyogi
	:	Dr Gautam Bhattacharjee
	:	Dr Arnab Gupta
	:	Dr Krishnendu Gupta
	:	Dr Rabindra Nath Ghosh (Advisor)
	:	Mr Jayanta Kumar Paul
<b>Honorary Members</b>	:	Dr Bikash Sinha
	:	Dr Ashok K Ray
	:	Dr Kironmoy Das
	:	Mr Satya Narayan Ray
<b>Two Govt. Nominees</b>	:	Director of Medical Education, Department of Health & Family Welfare, Govt. of West Bengal. Director, Chittaranjan National Cancer Institute, Kolkata

### Founder Members

- FM 9** Dr. Sunil Kumar Gupta  
**FM 17** Dr. Debi Mohan Bhattacharjee  
**FM 37** Ms. Gouri Mitra



## Life Members

LM 2	Mr. Premananda Raichoudhuri	LM 56	Mr. Sushil Kumar Ghosh
LM 4	Mr. Satya Narayan Khaitan	LM 57	Mr. Mrinal K Choudhury
LM 5	Mr. Bachhraj Sethia	LM 59	Mr. Amit Kumar Sen
LM 6	Mr. Bhagwati Prasad Goenka	LM 60	Mr. Auravinda Roy Choudhury
LM 7	Ms Sushila Poddar	LM 62	Mr. Biswanath Mitra
LM 8	Ms. Sharda Devi Poddar	LM 64	Mr. Harendra Nath Ghosh
LM 9	Mr. Ratan Chand Burman	LM 65	Mr. Bivas Roy Chowdhury
LM 10	Dr. Niranjana Ghosh	LM 66	Mr. Amal Prakash Sur
LM 13	Mr. Rupchand Mullick	LM 68	Mr. Shyam Sundar Roy
LM 14	Ms. Debjani Dey	LM 69	Mr. Sankar Nath Roy
LM 15	Mr. Subhas Guha Niyogi	LM 72	Dr. Krishnendu Gupta
LM 18	Mr. Subir Chowdhury	LM 73	Mr. Surendra Lal Girdharilal Mehta
LM 22	Mr. Monotosh Roy Choudhury	LM 74	Mr. Anjan Gupta
LM 24	Mr. Kanail Lal Dey	LM 77	Ms. Monika Mitra
LM 25	Ms. Monika Basu	LM 78	Mr. Murari Lal Gupta
LM 26	Ms. Satiya Bai Saraogi	LM 80	Ms. Piya Sen
LM 27	Mr. Mihir Kumar Aditya	LM 81	Mr. Suvra Chandra
LM 28	Mr. Jitendra Nath Bose	LM 82	Mr. Jayanta Chatterjii
LM 30	Mr. Ashoke K. Mukherjee	LM 83	Mr. Samdev Das Gupta
LM 38	Dr. Jyoti Rani Sen	LM 84	Mr. Indrajit Dass
LM 39	Mr. Swapan Kumar Bose	LM 85	Mr. Gautam Ghosh
LM 40	Ms. Durga Rani Bhattacharjee	LM 87	Mr. Kanak Kumar Sengupta
LM 41	Mr. Subhendu Basu	LM 88	Dr. Radhe Shyam Majumder
LM 42	Mr. Pijush Ranjan Sen Gupta	LM 89	Dr. Saumitra Chakravarty
LM 46	Mr. Justice Manoj Kumar Mukherjee	LM 90	Mr. Tarak Nath Ghosh
LM 47	Mr. Justice Ganendra Narayan Roy	LM 91	Mr. Indrajit Bhattacharya
LM 48	Mr. Swapan Das Gupta	LM 93	Mr. Jayanta Kumar Paul
LM 49	Ms Ratna Ghosh	LM 97	Dr. Gautam Bhattacharjee
LM 51	Mr. Debidas Ganguli	LM 98	Dr. Arnab Gupta
LM 52	Dr. Arun Sekhar Day	LM 99	Dr. Rabindra Nath Ghosh
		LM 100	Mr. Kamakshya Prasad Sengupta
		LM 101	Mr. Shib Sanker Mukherji
		LM 102	Mr. Dipayan Choudhury
		LM 103	Dr Sankha Suvra Mitra
		LM 104	Dr Bhaskar Banerjee
		LM 105	Mr Kallol Dutta
		LM 106	Deborshi Dutta Gupta
		LM 107	Dr Samir Bhattacharyya



## Honorary Overseas Advisors

Dr. S.S. Legha, MD	Director Of Melanoma Centre in the Texas Cancer Institute, Houston, USA
Dr. Sankha Suvra Mitra, MS, DNB, FRCS, FRCR	Consultant Oncologist of Royal Sussex County Hospital, Brighton, UK.
Dr. Yajati Ghosh, FRCSEd(Oph.),	Consultant Ophthalmic Surgeon, Birmingham, UK
Dr. Shilajit Ghosh, FRCS	Consultant Thoracic Surgeon, Birmingham, UK

## Honorary Advisors

Dr. Asit Kr Bandyopadhyay MS, FRCS (Glasgow, Edin)	Consultant General Surgeon, B P Poddar Hospital & Research Institute. Past President, Association of Surgeons of India (WB Chapter)
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## Members who had been with us

### Founder Members

Dr. Saroj Kumar Gupta  
Mr. Sankar Prasad Mitra  
Mr. Mohon Kumar Mookherjee  
Dr. Mihir Kumar Mitter  
Mr. Suvash Chandra Mitter  
Mr. Akshay Kumar Datta  
Mr. Purnendu Gupta  
Mr. Mihir Kumar Gupta  
Mr. Chitta Ranjan Das  
Mr. Chira Ranjan Das  
Mr. Saroj Sen  
Mr. Sukhamay Chanda  
Mr. Nagendra Nath Guha  
Mr. Bishnu Lal Banerjee  
Mr. Satya Ranjan Dasgupta  
Mr. Debabrata Banerjee  
Mr. Prokash Chandra Sinha  
Mr. Bhupati Sinha  
Mr Surendra Ranjan Sarkar  
Mr Bhupati Chowdhury  
Dr. Ananda Mohan Datta  
Dr. Kiran Chandra Mukherjee  
Dr. Amalendu Roy  
Dr. Anantalal Mishra  
Dr. Bimal Chakraborty

Mr. Asim Kumar Sen  
Dr. Jyotirmoy Chatterjee  
Dr. Diptendu Mukherjee  
Mr. Prantosh Kumar Dutta  
Mr. Subhamoy Dutta  
Dr. Sujit Kumar Banerjee  
Mr. Gour Chandra Paul  
Dr. Sobha Ghosh  
Dr Amiya Prasad Majumdar  
Dr Prabhash Chandra Sengupta  
Mr Niranjan Kumar Dutta

### Life Members

Mr. Ramesh Prasad Agarwal  
Mr. Vinod Kumar Neotia  
Mr. Nani Gopal Mitra  
Dr. Haradhan Basak  
Mr. Lakshmi Kanta Ganguli  
Dr. Durga Prasad Bhattacharyya  
Mr. Sunil Dass  
Mr. Birendra Nath Dasgupta  
Mr. Sunil Kumar Sarkar  
Mr. Dwijendra Bhusan Sen  
Mr. Harendra Nath Dutta Gupta  
Mr. Ardeshir H. Sethna  
Ms. Bithika Banerjee

Mr. Ajit Kumar Chatterjee  
Mr. Bhaskar Bhattacharjee  
Mr. Sudhir Kumar Dutt  
Ms. Haima Bala Debi Choudhurani  
Dr. Bidhan Chandra Chatterjee  
Mr. Radha Bhusan Bose  
Mr. Sushil Kumar Dey  
Mr. Suresh Ranjan Roy  
Dr. Anadi Nath Daw  
Ms. Nalini Pal  
Mr. Ashish Sengupta  
Mr. Ajoy Ghoshal  
Dr. Subhas Chandra Dutta  
Mr. Sebastian Joseph  
Mr. Kamal Kumar Mitra  
Mr. Tapan Kumar Bose  
Mr. Mahendra Swarup  
Mr. Dipankar Dutta Gupta  
Mr. Sudhir Kumar Gangopadhyay  
Mr. Susanta Kumar Das  
Dr. Sarada Prasanna Ghosh  
Mr. Himangshu Krishna Mitra  
Mr. Probir Gupta  
**Mr. Hirak Das Sarma**  
Mr. Sachindra Kumar Mitra  
Mr. Abhoy Kumar Chakravorty

**Honorary Member : Rev. Subir K. Biswas**



## **Management**

<b>Secretary</b>	: Mr Anjan Gupta, B Arch.,MCP, M Arch., (USA)
<b>Director</b>	: Dr. Arnab Gupta, FRCS(Edin,Eng),FIAGES
<b>Medical Superintendent</b>	: Dr. Partha Halder, MBBS
<b>Acting Dy. Medical Superintendent</b>	: Dr.(Prof) Jnanabrata Sil, MBBS, DCH, PhD
<b>Consultant Medical Administrator</b>	: Dr. Soma Bhattacharjee, MBBS, PGD HHM, PGD MLS .
<b>Consultant Hospital Administrator</b>	: Dr. Chirantan Bose, MBBS, MBA (BIT Mesra)

## **Sub-Committees**

<input type="checkbox"/> <b>Hospital Advisory</b>	: Mr Anjan Gupta, Secretary Dr. Arnab Gupta, Director Dr. Gautam Bhattacharjee, Member, Governing Body Dr. R.N. Ghosh
<input type="checkbox"/> <b>Finance</b>	
<b>Convenor</b>	: Mr Anjan Gupta
<b>Member</b>	: Mr. Kamakshya Prasad Sengupta Mr. Kallol Rai
<input type="checkbox"/> <b>Building</b>	
<b>Convenor</b>	: Mr Jayanta Chatterji
<b>Members</b>	: Mr Anjan Gupta (Architect) Mr Shib Sanker Mukherji Mr B K Banerjee (Architect)
<input type="checkbox"/> <b>Representative of Accounts</b>	: Mr Santi Kumar Dey Mr Subrata Kumar Chakraborty



- Research Advisory Board** :
- Mr Anjan Gupta, B Arch., MCP, M Arch., (USA)
  - Dr Arnab Gupta, FRCS (Edin. & Eng.), FIAGES
  - Prof Bikash Sinha, BSc (CU), BA, MA (Cambridge), PhD, Dsc (Lond), FINSA, FNAS, FNYAS, FIASc.
  - Dr Subir Dutta, DCP, MD (Path), FIC Path, DBMS
  - Prof Dr Manish S Chakraborty, MBBS, DCP, Ph D
  - Prof Sukhendu Bikash Bhattacharjee, Ph.D
  - Dr Asok K. Ray, MD, FRCS, FACS, FICS, FAA, DEP
  - Prof. Siddhartha Roy, Ph.D, FNA, FASc
  - Prof Samir Bhattacharya, Ph.D, FNA, FASc
  - Prof Dr S C Pakrashi, PhD, D.Sc., FNA, FASc.T, FNASc
  - Prof Runu Chakraborty, PhD
  - Prof Dharendra Nath Guha Majumder, MD, DM
- Research Sub-Committee** :
- Mr Anjan Gupta, B Arch., MCP, M Arch., (USA)
  - Dr Arnab Gupta, FRCS (Edin. & Eng.), FIAGES
  - Dr Samir Bhattacharyya, MS
  - Dr Rabindra Nath Ghosh, MRC Path
  - Dr Biman Chakraborty, FRCOG, FACS
  - Dr Gautam Bhattacharjee, DMRT, MD
  - Dr Saradindu Ghosh, MS
  - Dr Shravasti Roy, DTMH, MD
  - Dr Rahul Roychowdhury, MRCOG
  - Dr Tanmoy Chatterjee, DGO, MD (O&G)
  - Dr Sarbajit Das, FRCS
  - Dr Nidhu Ranjan Mondal, DGO, MD
  - Dr Tamohan Chaudhuri, DMRT, MD
  - Dr Dhruvajyoti Mukhopadhyay, DLO, MS
  - Dr Rakesh Roy, MD
- Cancer Control** :
- Dr Arnab Gupta, FRCS (Edin. & Eng.), FIAGES
  - Dr Sanmay Ganguly, DMRT
  - Dr Soma De, DCH (Dy. In-charge Paed.)
  - Dr Indranil Chatterjee, MS., (Dy. In-charge)
- Palliative Care** :
- Dr Gautam Bhattacharjee, DMRT, MD
  - Dr Ramapati Sanyal, MD, DNB
  - Dr Rakesh Roy, MD, ESMO Fellow.





□ **Institute Ethics Committee**

<b>Chairperson</b>	: Honb'le Mr. Justice (Retd) Ajit Kr. Nayak
<b>Member Secretary</b>	: Dr. Saradindu Ghosh, Medical Profession
<b>Members</b>	: Dr. Arnab Gupta, Medical Profession Prof. Dipak Kr. Nath, Person of Religion, Ethicist Dr. Samir Bhattacharyya, Medical Profession Prof. Santanu Tripathi, Medical Profession, Pharmacologist Prof. Susanta Roychowdhury, Basic Scientist. Dr. Madhuchanda Kar, Medical Profession Mrs. Vijaya Mukherjee, Social Worker Dr. Adeline Basu, Medical Profession Dr. Krishnendu Gupta, Medical Profession Ms. Soumi Banerji, Lay Person Ms. Debjani Aich, Media Person

□ **Environment Monitoring Committee**

<b>Chairman</b>	: Dr. Arunabha Majumder
<b>Members</b>	: Sri. Subhash Guha Niyogi, Convenor Prof. (Dr.) Tarak Mohan Das Prof. Subhash Santra Dr. Pranabesh Sanyal, IFS Dr. R. K. Chakraborty Dr. Gautam Bhattacharjee Dr. Shravasti Roy Representative of Local Body

□ **Local Administrative Committee, RRMIC**

<b>Members - SGCCRI</b>	: Mr. Anjan Gupta Dr. Arnab Gupta Dr. Gautam Bhattacharjee
<b>Members – VECC</b>	: Sri. Subimal Saha Dr. Santanu Ganguly Dr. Surajit Pal Sri. Bharat Ratna Sarkar Sri. Samarendu Sinha



**Library**

**Joint Convener** : Dr. Samir Bhattacharyya, MS.  
Dr. Madhuchanda Kar, MD, PhD

**Co-ordinator** : Mr. Amit Singh, Librarian

**Members** : Dr. Arnab Gupta, FRCS, FIAGES  
Dr. Gautam Bhattacharjee, DMRT, MD  
Dr. Shravasti Roy, DTMH, MD  
Dr. Rakesh Roy, MD, ESMO Fellow.  
Mr. Subrata Kumar Chakraborty

**Personnel & Administration**

**Manager** : Ms Subrata Siddhanta  
Mr Debabrata Sadhu

**Nursing**

**Superintendent** : Ms Gouri Roy  
**Matron** : Ms Jharna Das

**Maintenance**

**Consultant** : Mr T K Banerjee  
**Sr. Managers** : Mr Shyamal Das  
Mr Himangshu Roy



Date: 12.11.2015

**Notice**

Notice is hereby given to all members of SAROJ GUPTA CANCER CENTRE AND RESEARCH INSTITUTE that 42nd **(Forty Second) Annual General Meeting** of the Society will be held at our Centre at Mahatma Gandhi Road, Thakurpukur, Kolkata-700 063 on 30.12.2015 at 11.00 A.M. to transact the following business.

  
SECRETARY

AGENDA :

1. To confirm the minutes of the last Annual General Meeting.
2. To approve and adopt the report of the Governing Body / Managing Committee regarding working of the Society for the year ended on March 31, 2015.
3. To approve and adopt the audited accounts and report of the Auditors for the year ended March 31, 2015.
4. To appoint Auditors till conclusion of the next Annual General Meeting.
5. To transact any other business which, in the opinion of the members present, will be beneficial to the interest of the Society.



## **I. INTRODUCTION**

The Governing Body/Managing Committee of Saroj Gupta Cancer Centre & Research Institute hereby presents its report of activities and audited accounts for the year ended on 31st March 2015.

The Governing Body/ Managing Committee once again pledge its humble efforts that befit the aims and objective of the Society. Saroj Gupta Cancer Centre & Research Institute has progressed further in Therapeutics, Academics, Prevention and Research on cancer.

All the Therapeutic, Diagnostic Departments and Ancillary Services of this Institute are running smoothly.

Due to our continuous effort to upgrade our equipments and services, further tie-ups with various organizations continue.

In-house and Collaborative research activities with other Institutes and agencies continue successfully.



## **II. EVENTS IN THIS INSTITUTE**

### **Scientific Events:**

**Foundation Oncology Skills for Paediatric Nurses** (19 - 20 April, 2015): This was a two-day workshop hosted at SGCC&RI and organised by the Paediatric Oncology in Developing Countries (CCLG sub-group) and the Indian Academy of Paediatrics (Paediatric Hematology Oncology Chapter). The workshop saw active participation from overseas, national, and regional faculty. The workshop was conducted by **Ms. Michelle Dannatt** (Royal Marsden Hospital, Sutton), **Dr. Amita Trehan** (PGIMER, Chandigarh), **Dr. Sukhpal Kaur** (PGIMER, Chandigarh), **Dr. Soma Dey** (SGCC&RI), **Dr. Nirmalya Roy Moulick** (SGCC&RI), and **Dr. Partha Pratim Gupta** (SGCC&RI).

**7th East Zonal Oncology CME & Live Workshop** was held on 21st & 22nd November, 2015 under the aegis of Indian Association of Surgical Oncology (IASO) and Association of Surgeons of India (WB chapter). The CME was inaugurated by Chief Guest **Dr P K Neemani** (Ex- Secy, IMA & GC Member of Indian Medical Council). On Day 1 there was a Live Surgical Workshop in the premises of Saroj Gupta Cancer Centre & Research Institute, Thakurpukur where reputed National Faculties like **Dr T Subramanyeshwar Rao** (Hyderabad) did Laparoscopic Right Hemicolectomy & Laparoscopic D2 Gastrectomy & **Dr C S Ravichand** (Manipal) did Radical Cholecystectomy. **Dr Shuvro Roychoudhury** did an USG guided Chemoport insertion & **Dr Arnab Gupta** did a Breast Conservation surgery. **Dr Andrew Burd** (UK/ Kolkata) did a Slide show on Head & Neck Cancer Reconstruction. On Day 2, there was a Multidisciplinary CME on Head Neck Cancer & Ca Rectum in Floatel. Highlights of the CME were Master Videos, Case Capsules & Orations by eminent International, National and local faculties. **Dr Saroj Gupta Oration** was delivered by **Dr Anil D`Cruz** (Director, Tata Memorial Hospital, Mumbai) and **Mr Henry Shaw Oration** was delivered by **Dr T S Rao** (Director, Indo American Cancer Hospital, Hyderabad). **Mr Chittaranjan Chowdhury** (UK), **Mr Andrew Burd** (UK/ Kolkata), **Dr Rajarshi Roy** (UK) and **Dr C S Ravichand** (Bangalore) were the other eminent faculties. There were lucrative prizes for Poster Presentation, Oncoquiz and Audience participation. There were more than 200 Registrations in this year`s conference. The CME has been accredited with 4.5 hrs by Indian Medical Council. Dr. Samir Bhattacharyya was the Organising Chairperson, Dr. Arnab Gupta was the Organising Secretary & Dr. Saradindu Ghosh was the Joint Organising Secretary for the event with the support from other departments.

**ASCO** (American Society of Clinical Oncology) in collaboration with **Eastern India Palliative Care** and **SGCCRI** held a **Special Workshop on Pain and Palliative Care** for nurses, social workers, volunteers and physicians at SGCCRI from 7-10 Dec 2015. World Palliative Leaders like **Dr Frank Ferris**, **Dr Vivek Khemka**, **Dr Sankha Mitra** were the faculty members. The entire event was supervised by **Ms. Vanessa Eaton** and **Ms. Sarah Bachmann** - administrative personnel from **ASCO**. Special training was given to participants on understanding pain and managing it. The occasion was graced by presence of **Dr. M. R. Rajagopal** (Director of Pallium India) who taught communication skills. Active participation was obtained from patients' caregivers. The event attracted participants from different states of India. The event culminated with a press conference. The conference was organised under the leadership of Dr. Rakesh Roy, Dr. Gautam Bhatacharjee with the support of our Palliative Care Team.



### **Basic Life Support (BLS) Workshop**

Sudden unresponsiveness can challenge any one of us, any time, anywhere. To combat such situation if you encountered, hands on training of proper resuscitation methods is gradually becoming the need of the hour. Keeping this in mind Indian **Academy Of Paediatrics** under the guideline from **American Heart Association** has been conducting Basic Life Supports to train persons in the emergency situations for more than last 4 years. On 18th December 2015 BLS workshop ( as a part of State PEDICON 2015) was conducted at the Linac Seminar Hall of Saroj Gupta Cancer Centre & Research institute from 10 AM to 4PM. **Dr Sraboni Chakraborty**, the eminent child specialist ( Regional Co-Ordinator in BLS) and **Dr Soma De**, Paediatric Oncologist from SGCC&RI, were the course instructors. **Dr Arup Roy** (President of IAP WB Chapter) was also present in this workshop. This workshop was well attended by 60 delegates & 5 of them were outstation doctors who were given hands on training on adult & child high quality CPR (Cardio Pulmonary Resuscitation) along with techniques of resuscitation in case of choking (especially in infants). The programme concluded with distribution of BLS Certificate to the participants who left the venue confident enough to tackle resuscitation process efficiently There was a request for a 2nd such workshop by those who could not attend due to their regular hospital duty.

### **Other Events:**

- **Biswa Bhara Praan (5th January, 2015)**

The Biswa Bhara Praan programme has been held regularly at SGCC&RI for several years. Organised by the NGO Antara, mentally challenged patients performed songs and dances from the "Robindranather Natoker Gaan" for the benefit of our patients. This chief guest for this year's programme was **Rev. Philip** of the Marthoma Church.

- **Haldia Tour (10th January, 2015)**

**The Indian Cancer Society** had specially invited SGCC&RI to take some of our child survivors on a tour to Haldia to commemorate the **Indian Coast Guard Week**. **Dr. Shubhashis De** and **Dr. Soma De** accompanied thirteen of our former child patients, many of whom are now in college. The entourage was welcomed at the Coast Guard Base by Assistant Commandant **Prachi Gupta**. The highlights of the day were a magic show, an exchange of gifts, an enjoyable lunch, and a hovercraft ride. A most enjoyable day for all!

- **Annual doctor's picnic** was held in Rajpur on 19th January, 2015. The venue was the Garden house of a doctor and had all kinds of arrangement for entertainment for family members.

- **World Cancer Awareness Day (4th February, 2015)**

Every year, SGCC&RI observes the World Cancer Awareness Day. This year's theme was a survivor's meet for paediatric and adult leukemia lymphoma. The event was sponsored by Sarabhai Chemicals Specialities, and organised by SGCC&RI along with the NGO, "**We Can Cancer Cannot**". The objective of this meet was to encourage newly diagnosed patients and their families by making them understand that cancer is curable, especially with early diagnosis and treatment. The cultural



programme consisted of performances by child patients, the NGO We Can Cancer Cannot, and by one of our special guests, the famous classical singer and cancer survivor **Mr. Prosenjit Chakraborty**. The noted film director **Mr. Raj Chakraborty** was our other special guest.

- **International Happiness Day (19th March, 2015)**  
This special day was celebrated at SGCC&RI along with the NGO We Can Cancer Cannot. A painting session was conducted by actress and painter **Ms. Anindita Bose** for the benefit of our child patients.
- **Cancer Awareness Camp At PWC SDC (20th March, 2015)**  
SGCC&RI organised a cancer awareness camp sponsored by Price Waterhouse Coopers at its SDC office on 20th March 2015. Our Director Dr. Arnab Gupta & our Governing Body Member Dr. Gautam Bhattacharjee spoke about cancer awareness.
- **Ballet Performance (31st March, 2015)**  
A special ballet was performed by the renowned **Singing Fingers** dance troupe for the benefit of the children admitted at SGCC&RI. The performance was choreographed by art director **Mr. Arunav Gosthipathy**, and organised by the Rotaract Club of the Heritage Institute of Technology.
- **Paediatric Long Term Follow Up Clinic & Paediatric Day Care Unit** were inaugurated by our Honorable Secretary **Mr. Anjan Gupta** on 1st April, 2015 along with **Dr R N Ghosh** in presence of Dr. Soma De, Dr. Nirmalya Roy Moulick, Dr. Chandan Sengupta, and the administrative staff of SGCC&RI. The Day Care Unit is supported by **Essex Indians & Lord Swaraj Paul (UK)**.
- **World Health Day (7th April, 2015):** A programme on Nicotine Replacement Therapy was organised with the sponsorship of **Price Waterhouse Coopers SDC**. The programme was coordinated by **Dr. J. Sil** and **Dr. Saikat Deb**, and was well received. Health drinks, small gift tokens, and NRT brochures were distributed to the participants
- **A General Festival** was organised by **Mr. Mahul Mukherjee** of the NGO Resurrection for the entertainment of our child patients on 11th April, 2015. A magic show was performed, and many jokes were shared in the pediatric wards. Resurrection also donated a packet of Bournvita for each child patient.
- **Nurses' Day** was celebrated at the SGCC&RI LINAC seminar hall on 12th May 2015. Healthcare educational talks were delivered by our In-house doctors after thanking the nurses for their immense & valuable contributions in our services to the patients.
- The **5th Anniversary** of our beloved Late **Founder Dr. Saroj Gupta** was commemorated on 21st May, 2015. A respectful memorial was observed by garlanding the statue of Dr. Saroj Gupta. A condolence meeting was also held at the auditorium. A blood donation camp had also been organised.
- **World Environment Day (6th June, 2015):** One of the hallmarks of SGCC&RI is its concern and respect for the environment. The World Environment Day is observed by SGCC&RI every year, and this year's event was generously sponsored by Price Waterhouse Coopers SDC. The day's events started off with the plantation of saplings by **Mr. Nirupam Sen** (Secretary – The Agri-Horticultural Society of India)



and **Mr. Subhash Guha Niyogi** (SGCC&RI). This was followed by the inauguration of our new gallery that pictorially depicts the journey of our Institute through time. The gallery was inaugurated by **Ms. Ila Gupta**, wife of our beloved Late Founder Dr. Saroj Gupta. The afternoon saw a special music festival blending classical Indian vocal performances with the sarod for alleviating stress and suffering. This eclectic session was performed by Sarod Baba **Dr. Avijit Ghosh** of the Senia Maihar Gharana, and Gayaki Mata **Ms. Piyali Maitra**, who sings in her own style, harmonising renowned gharanas.

- **“Ray of Sunshine”** was an entertainment programme organised for the benefit of our paediatric patients on 20th June, 2015. The event was organised by **Mr. Molay Ghosh** of Akashbani Kolkata along with SGCC&RI. Mr. Molay Ghosh and his colleagues at Akashbani Kolkata had sponsored the event, along with Mio Amore, who had kindly provided cakes and food packets for the special guests and paediatric patients. The chief guest for the event was **Justice Mir Dara Shekho**, and was anchored by the Akashbani Kolkata artiste **Mr. Kaushik Sen**. **Mr. Viswa Venkat Gantait** (Nemathelminthes Section, Zoological Society of India) presented a fascinating audio-visual account of his recent expedition to the Antarctica. A short humorous play was performed by Akashbani Kolkata artistes **Ms. Arunima Ghosh** and **Mr. Arpan Kumar Sarma**. The highlight of the day was a special performance by the renowned vocalist **Ms. Lopamudra Mitra**.
- An **Anti Tobacco Workshop** was conducted at the LINAC Seminar Hall, SGCC&RI on the 8th, 9th & 11th of September. The aim of this workshop was to promote awareness on how most of the preventable cases of cancer were related to the consumption of tobacco. The Chief Faculty member of this workshop was **Prof. Chitta Ranjan Choudhury** of the UK, who has already conducted similar workshops in the UK, Mangalore, and at our Institute.
- A **new 16 Slice Spiral CT Scanner** was installed at Saroj Gupta Cancer Centre & Research Institute. This was the 1st ever Corporate Social Responsibility initiative of **Indian Oil Petronas Pvt. Ltd.**, the major portion of which was donated to us to procure this state of the art machine. This new scanner was inaugurated by **Mr. Mrinal Roy**, the CEO of Indian Oil Petronas Pvt. Ltd. on 17th September, 2015. Following the inauguration ceremony, speeches were given by Mr. Mrinal Roy, in presence of other senior officials of IOP & SGCCRI. They have promised to provide further aid in future.
- **World Hospice & Palliative Care Day** was celebrated on 9th October, 2015 (one day early) at the Saroj Gupta Cancer Centre & Research Institute. The event was sponsored by **PWC SDC**, Kolkata. Flowers, health drinks, small gifts, and literature on palliative care was distributed to patients.
- **Children’s Day Celebration:**  
Like previous years Children’s day was celebrated on 14th November, 2015 in a big way in our Auditorium. Our child patients took part in a Sit & Draw competition, prizes of which were given away by our Special Guests, eminent Film Directors **Smt Nandita Roy & Sri Shiboprosad Mukhopadhyay**. The children & their family were enthralled by the Musical Concert by eminent singer **Sri Rupankar** (our Chief Guest). Also, there were Magic shows, performances by members of Rotaract (Dist 3291) & Heritage Institute of Technology. The programme was sponsored by **Pepsico** (like previous years) and **PWC**. Lunch packets were distributed to all the children present there.





- Our Children had the honour of escorting the Players of **Ateletico de Kolkata** before their match against Pune in Salt Lake Stadium on 26th November, 2015. This was a Life Time experience for the children and all of us.
- **Founder's Day** was observed on 5th December, 2015 (**86th Birth anniversary of our Founder Dr Saroj Gupta**). In the morning, more than 100 staff, members of Management & relatives of patients donated blood voluntarily for the patients. In the afternoon, there was formal inauguration of **Molecular Biology Laboratory** by Chief Guest **Sri Sushim Mukul Dutta** along with other members of **Sri Sri Mohonananda Brahmachari Trust (UK)** who had very kindly funded the machines of the laboratory from their Cancer Grant. This was followed by a Cultural programme in the Auditorium with songs and a Drama **`Kanchan Ranga`** (written by Sri Sombhu Mitra & directed by Dr Ramprasad Mondal & Dr Tanmoy Chatterjee) staged by members of our staff and management.
- **Regular Blood Donation Camps** SGCC&RI associates with other organisations and social clubs to organise voluntary blood donation camps regularly at different places of Kolkata and the neighboring districts.
- **Weekly Entertainment for Paediatric Patients** Puppet shows are organised weekly at the SGCC&RI paediatric wards for child cancer patients with the cooperation of the Dhumketu Puppet Theatre.
- **Monthly Birthday Celebration of Paediatric Patients:** Every month, SGCC&RI celebrates the birthdays of those child patients whose date of birth falls in that month, sponsored by **Rotaractors, Rotary Clubs, PWCSDC**, and various **NGOs** along with individual donors.
- **Rakhi Purnima & Ratha Yatra** were celebrated like previous year by our children. Rakhis were made by them and were sold to many well wishers, the proceeds of which will go to fund the treatment of poor cancer patients.

All these activities have immensely boosted the morale of the children and their parents & also other patients as well.



### III. OUR ACTIVITIES

#### A. Medical & Allied Fields

##### A.1. Departments & Services

This Comprehensive Cancer Institute has the following departments in the Medical and Allied fields

##### 1. Major Therapeutic Divisions/ Departments

<b>Radiation Oncology</b>	Teletherapy Division Brachytherapy Division Radio-Iodine Therapy (with RRMC)
<b>Surgical Oncology (Broad Division)</b>	Gynecological Oncology
	Surgical Oncology
	• Head & Neck Surgery
	• Peripheral Surgery
	• Breast Unit
	• Urosurgery
	• Thoracic Surgery
	• G I & Hepatobiliary Surgery
	• Orthopedic Surgery
	• Paediatric Surgery
	• Plastic Surgery
	• ENT Oncology
	• Endoscopy Unit
• Laparoscopy Unit	
<b>Medical Oncology</b>	Chemotherapy
	Haemato-Oncology
	Paediatric Oncology
	Bone Marrow Transplant

##### 2. Major Ancillary Departments

Cardiology  
Pulmonology  
General Medicine  
Nephrology  
Neurology  
Dental Department



### 3. Major Diagnostic Departments

<b>Nuclear Medicine</b>	Nuclear Imaging
	Non-image based Study Unit
	In vitro diagnostic study Unit
	Radio-nuclide Therapy
<b>Radiology</b>	Conventional Radiology including Digital Radiography
	Mammography
	Ultrasonology including Echocardiography,
	Colour Doppler
	Computerised Tomography (CT Scan)
	PET-CT scan
	MRI
Image guided intervention	

<b>Pathology</b>	Histopathology
	Cytopathology
	Image guided core-needle biopsy
	Biochemistry & Marker Lab
	Immuno Cyto & Histochemistry Lab
	Microbiology

### 4. Major Ancillary Services

Nursing Service  
Transfusion Medicine Service (Blood Bank)  
Pain clinic and Palliative Care Service  
Alaryngeal Speech Therapy Unit  
Stoma Care Service  
Breast Cancer Support Service  
Psychological Support Service  
Nutritional Assistance Service  
Music & Art Therapy for Children  
Stop Tobacco Clinic



## A.2. Departments & Personnel

<b>Secretary</b>	: Mr. Anjan Gupta, B.Arch., MCP (IIT), M.Arch.(USA)
<b>Director</b>	: Dr. Arnab Gupta, FRCS(EDIN), FRCS(ENG), FIAGES
<b>Medical Superintendent</b>	: Dr. Partha Halder, MBBS
<b>Consultant- Medical Administration</b>	: Dr. Soma Bhattacharjee, PGDHHM, PGDMLS
<b>Consultant - Hospital Administration</b>	: Dr. Chirantan Bose, MBBS, MBA (BIT, Mesra)
<b>Acting Deputy Medical Superintendent</b>	: Dr. J Sil, MBBS, DCH, Ph.D (Medicine)
<b>Radiotherapy</b>	: Dr. Gautam Bhattacharjee, DMRT, MD (HOD) Dr. Mahfuz Ariff, DMRT, MD (In-charge) Dr. Tamohan Chaudhuri, DMRT, MD (Bom) (In-charge) Dr. Sanmay Ganguly, DMRT Dr. Abhijit Sarkar, DMRT Dr. Somnath Sorcar, DMRT
<b>Medical Physics</b>	: Mr. Dibyendu Sen, B.Sc., TR DRP (BARC) Mr. Sasanka Sekhar Beura, M.Sc., DRP (BARC), RSO Mr. Shivasakthi. A, M.Sc. (Medical Phys.) : Mr. Rajdip Mitra, M.Sc. (Phys.), Post M.Sc. Dip. (Med. Phy), RSO
<b>Surgical Oncology</b>	: Dr. Samir Sen, MS (Advisor) Dr. Samir Bhattacharyya, MS (HOD) Dr. Saradindu Ghosh, MS (In-charge) Dr. Arnab Gupta, FRCS(Edin), FRCS(Eng), FIAGES Dr. Pratip Sen, FRCS (Edin), FRCS (Eng) Dr. Indranil Chatterjee, MS (Dy. In-charge) Dr. Chayan Kr. Ray, MS, M. Ch. Dr. Sarbajit Das, FRCS Dr. Amal Kumar Chakravarty, MS, FRCS Dr. Subhash Chandra De, MS Dr. Sanjoy Basu, MS, FRCS Dr. Dev Roy, F.R.C.S.(Edin), MS, DLO (Eng) Dr. Arun Ganguly, MS, DNB, M.Ch. Dr. Anubha Banerjee, MBBS Dr. Nipun Saha, DGO, MS Dr. Sujoy Kr. Bala, MS Dr. Navadhya Kumar Jindal, MS (R.S.) Dr. Sudip Haldar, MS (Additional R.S.)



Dr. Soumitra Banerjee, MBBS  
Dr. Barun Deb Basu Thakur, MBBS  
Dr. Bishakha Basu Roy, MBBS  
Dr. Nirmal Chandra Barui , MBBS, DGO

**Endoscopy Unit** : Dr. Arnab Gupta, FRCS(Edin), FRCS(Eng), FIAGES  
Dr. Indranil Saha, MD  
Dr. Sanjoy Basu, MS, FRCS  
Dr. Shreyasi Maiti (Dhara), MBBS

**Orthopaedic** : Dr. Dipak Roy Choudhury, D.Orth, MS (Orth)

**Urology** : Dr. Kalyan Kumar Sarkar, MS, FRCS (Edin) (Advisor)  
Dr. Sabyasachi Bose, DNB  
Dr. Kaushik Sarkar, MS, Mch

**ENT** : Dr. Debi Mohan Bhattacharjee, DLO (Advisor)  
Dr. Amitava Guha, DLO (In-charge)  
Dr. Dhruva Jyoti Mukherjee, MS (ENT)  
Dr. Bhudeb Bhattacharyya, DLO, MS  
Dr. Ajoy Kumar Ghosh, MBBS  
Dr. Shankar Kumar Pal, MBBS

**Dental** : Dr. Arun Kumar Mazumder, BDS (Cal)  
Dr. Saikat Deb, MDS

**Gynaecology** : Dr. Biman Chakraborty, FRCOG, FACS (HOD)  
Dr. Nidhu Ranjan Mondol, DGO, MD (In-charge)  
Dr. Tanmoy Chatterjee, DGO, MD (O&G)  
Dr. Rahul Roy Chowdhury, MRCOG  
Dr. Subhasish De, DGO  
Dr. Jaba Basak, MBBS  
Dr. Saswati Sorcar, DGO  
Dr. Samir Roy, MS (O&G)

**Anaesthesia** : Dr. Manika Basu (Sen), MD (HOD)  
Dr. Anjali Sinha, DA (Lond)  
Dr. Subhasis Pradhan, MD  
Dr. Ajitesh Ghosal, FCCP DA  
Dr. Chinu Chowdhury, DA



Dr. Sakuntala Chakraborty, DA., MD  
Dr. Paramita Sarkar, DA  
Dr. Hirak Bhattacharya, MD  
Dr. Kishore Kumar Bakshi, MBBS

**ITU / PICU/ON-CALL**

: Dr. Monika Basu (Sen), MD (HOD)  
Dr. Subhasis Pradhan, MD  
Dr. Kallol Sengupta, DTCD, MD  
Dr. Subhamoy Pal, MBBS (In-charge)  
Dr. Mili Ghosh, MBBS  
Dr. Chayan Dutta Ray, MBBS  
Dr. Pradipta Das, MBBS  
Dr. Subhadip Ray, MBBS  
Dr. Shamimah Siddique, MBBS  
Dr. Arunava Chattopadhyay, MBBS  
Dr. Pramit Giri, MBBS  
Dr. Md Mohsin, MBBS

**Medical Oncology**

: Dr. Ketaki Moitra, MS, DMRT (Lond)  
Dr. Madhuchanda Kar, MD, Ph.D  
Dr. Rakesh Roy, MD  
Dr. Ajoy Shankar Samaddar, MBBS  
Dr. Phalguni Ray Chaudhury, MBBS  
Dr. Dilip Kumar Patra, MBBS

**Haematology & Paediatric Oncology**

: Dr. Rabindra Nath Ghosh, MRC Path (Eng) (HOD)  
Dr. Chandan Sengupta, DCH (In-charge)  
Dr. Soma De, DCH (Dy. Incharge- Paed)  
Dr. Partha Pratim Gupta, MBBS (In-Charge – BMT)  
Dr. Nirmalya Roy Moulik, MD  
Dr. Priyanka Samal, MD, DM  
Dr. Madhumita Patra, MBBS  
Dr. Sankar Kumar Saha, MBBS  
Dr. Deblina Patra, MBBS

**Medicine**

: Dr. Debasish Roy, DTM&H (Cal) DTCD (Cal)  
Dr. Bibhore Sengupta, MD (TB & RD), FCCP (USA), Dip. DHM

**Gastro Enterology**

: Dr. Dharendra Nath Guha Majumder, MD (Advisor)  
Dr. Indranil Saha, MD

**Cardiology**

: Dr. Nirmalendu Nath, MD (Advisor)



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	Dr. Prasanta Kumar Das, MD Dr. Gautam Das, Dip. Card Dr. Saroj Kr. Saha, MBBS, DPH
<b>Echo-Cardiography</b>	: Dr. Gautam Das, Dip Card Dr. Prasanta Kumar Das, MD
<b>Neurology / Neurosurgery Nephrology</b>	Consultants of Medica Super Speciality Hospital, Kolkata : Dr. D. N. Mishra, M.D., D.M., DNB (Advisor) Dr. Kaushik Das, I.C.C.N (B.H.U.)
<b>Pathology</b>	: Dr. Sailendra Nath Sarkar, DCP (HOD) Dr. Shravasti Roy, DTM&H, MD (In-charge) Dr. Mala Banerjee, MD Dr. Subrata Chakraborty, MD Dr. Sonali Mondal, MD Dr. Subhra Bilas Sil, MD Dr. Kakali Saha, MD Dr. Anuradha De, MD
<b>Micro-Biology &amp; Biochemistry</b>	: Dr. (Prof.) Kalpana Karak (Paul), MD Dr. Sandip Kr. Batabyal, Ph.D (Biochem. Cal), FIC (India), FCAI (Delhi), FICS Dr. Pranab Sankar Bose, Ph.D (Biochem) Dr. (Mrs.) Ena Chowdhury, M.Sc., Ph.D Mr. Swagnik Roy, M.Sc.
<b>Radiology</b>	: Dr. Rathin Mukherjee, DMRD, MD, MICR (HOD) Dr. Paritosh Mukherjee, DMRD, MD Dr. Amiya Kumar Roy, MBBS (In-charge) Dr. Anjan Das, DMRD Dr. Rina Saha, MBBS Dr. Prakriti Bandyopadhyay, MBBS
<b>Interventional Radiology</b>	: Dr. Shubhro Roychowdhury, FRCS, FRCR European Board of Interventional Radiology
<b>Nuclear Medicine(RRMC)</b>	: Dr. Santanu Ganguly, DRM (Section Head) Mr. Surajit Pal, M.Sc., DRP, Ph.D Mr. Bharat Ratna Sarkar, B.Sc, DMRIT Mr. Samarendu Sinha, B.Sc, DMRIT
<b>Palliative-Care &amp; Pain Clinic</b>	: Dr. Sankha Suvra Mitra, MS, DNB, FRCS, FRCR (Overseas Advisor) Dr. Gautam Bhattacharjee, DMRT, MD (HOD)



Dr. Rakesh Roy, MD (In-charge)  
Dr. Avijit Dam, MD, FCCP, FPM  
Dr. Suchanda Goswami, DMRT, MD (Bom)  
Dr. Ramapati Sanyal, MD, DNB (Anaes)  
Dr. Kuntal Ghosh, MBBS  
Dr. Sarah Price, BChBM (UK)  
Dr. Chinta Haran Sikdar, MBBS  
Dr. Chitalkar Shraddha Pandurang, MBBS, DGO

**Speech Therapy**

: Sri Ujjal Sinha  
Smt. Soma Sinha

**Oncopsychology**

: Dr. Indrani Basu Mallik, M.Sc., Ph.D

**Blood Bank**

: Dr. Jnanabrata Sil, MBBS, DCH, Ph.D (Medicine)  
Dr. Ajit Kumar Pradhan, MBBS

**Stoma Clinic**

: Mr. K C Banerjee (Hony Advisor)  
Ms. Atrayee Acharya (Stoma Nurse)

**Breast Support Group**

: Hitaishini  
Ms. Bijoya Mukherjee (President)  
Ms Nupur Chakraborty (Hony. Secretary)  
Other Members

**Music & Art Therapy**

: Smt. Papri Saha

**Research Division**

: Dr. Samir Bhattacharyya, MS (HOD)  
Dr. Arnab Gupta, FRCS (Edin & Eng), FIAGES  
(Chief Cancer Control)  
Dr. Gautam Bhattacharjee, DMRT. MD  
(Chief of Epidemiology & registry)  
Prof. Chitta Ranjan Chowdhury, PhD (Japan), MPH (UK),  
FFDRCS (Ire), BDS (DU), DND (DU) (Chief, Head Neck  
PHD & Fellowship programme)  
Dr. Susanta Roychoudhury, Ph.D, FASe, FNASe, FASeT  
(Chief of Basic Research & Molecular Biology)





Dr. Saradindu Ghosh, MS  
( Member Secretary Institute Ethics Committee)  
Dr. Rahul Roy Chowdhury, MRCOG  
(Chief Clinical Trial Site Administrator)  
Dr. Tanmoy Chatterjee, DGO, MD (G&O)  
(Coordinator Clinical Studies)  
Dr. Biman Chakraborty, FRCOG, FACS  
Dr. Sarbajit Das, FRCS  
Dr. R N Ghosh, MRCP Path (Eng)  
Dr. Nidhu Ranjan Mondal, DGO, MD  
Dr. Tamohan Chaudhuri, DMRT, MD  
Dr. Shravasti Roy, DTMH, MD  
Dr. Dhruva Jyoti Mukhopadhyay, MS (ENT)  
Mr. Somsubhra Nath (Ph.D) (Scientist)  
Mrs. Fenella Simone Anthony(D'cruz)  
(Ethics Committee Co-ordinator)  
Ms Srijoni Sarkar (M Pharm) (Research Co-ordinator)

**Medical Records & Statistics**

: Dr. Samir Bhattacharyya, MS (HOD)  
Dr. Gautam Dasgupta, MBBS, DCH (Medical Officer)  
**Dr. Soumitra Banerjee, MBBS,**  
Mr. Debashis Banerjee  
Mr. Shambhu Das  
Mr. Chanchal Sarkar

**Cancer Control**

: Dr. Arnab Gupta, FRCS (Edin & Eng), FIAGES

**DNB Students**

**Radiotherapy**

: Dr. Vishnu Vardhan Reddy, MBBS  
Dr. Sanchayan Mondal, MBBS  
Dr. Roopesh Reddy Yotham, MBBS

**Surgical Oncology**

: Dr. Sanghamitra Jena, MS  
Dr. Vivek Kr. Malhotra, MS  
Dr. Sor Prasad Totaram, MS  
Dr. Subrata Sahu, MS  
Dr. Manjare Rahul Ramrao, MS  
Dr. Syed Hassanujjaman, MS



### A.3 Turnover of Patients & Break-ups

The following Table gives an overview of the turnover of patients (Male and Female) at this Institute during the year 2014-2015.

#### A.3.1. Out-Patient Service

Parameter	Total
<b>New Patients Registered</b> (Male 5,268; Female 4,846)	<b>10,114</b>
<b>Total Number of OPD Consultation</b> (New 10,114; Old Follow-up 39,554) (Male 24,754; Female 24,914)	<b>49,668</b>

#### A.3.2. Out-Patient Service: Department-wise Registration

DEPARTMENT	REGISTRATION (MALE)	REGISTRATION (FEMALE)	TOTAL
Radiation Oncology	981	576	1557
ENT	595	167	762
Gynecology	0	676	676
Hemato-oncology	577	288	865
Palliative Care	11	10	21
Medical Oncology	<b>260</b>	<b>155</b>	<b>415</b>
Breast	<b>27</b>	<b>744</b>	<b>771</b>
Head & Neck	114	135	249
Surgical	140	14	154
Urosurgery	140	14	154
Oncology	18	17	35
Orthopedic	18	17	35
Others	<b>1843</b>	<b>1047</b>	<b>2890</b>
Miscellaneous+RRMC=740+979=1719	692	1027	1719
<b>TOTAL</b>	<b>5258</b>	<b>4856</b>	<b>10114</b>

#### A.3.3. In-Patient Service (Admission)

Age Group	Male	Female	TOTAL
Pediatric (0-14 yrs)	459	202	661
Adult (15+ yrs)	5130	4,856	9,986
TOTAL	5,589	5,058	10,647

#### A.3.4. In-Patient Death

During the period, 583 admitted patients (5.4%) have expired out of 10,647 admitted patients, most of whom were in advanced terminal stage.

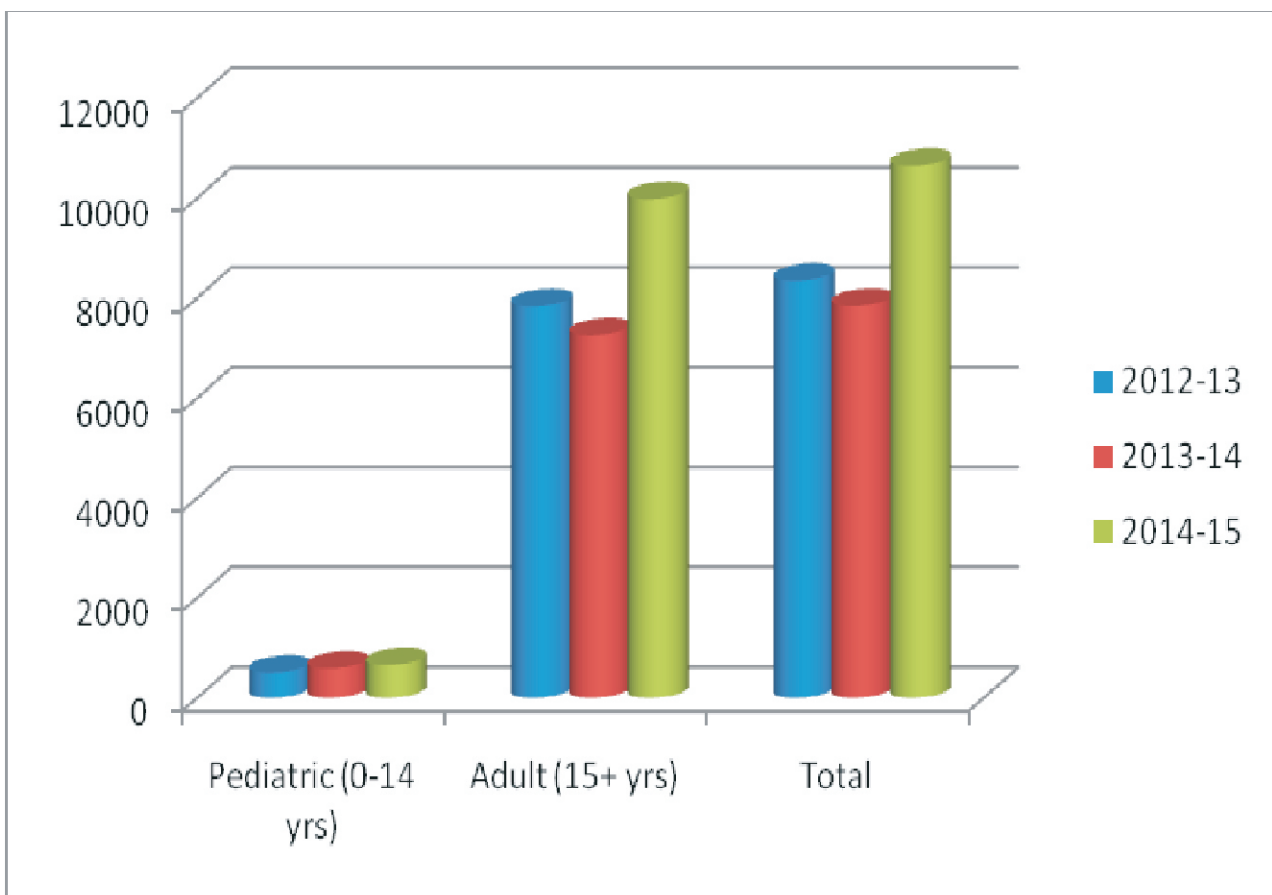


### A.3.5. Total Indoor Beds

In the previous annual report, we had mentioned that an increase of the number of indoor beds were necessary for this Institute. We had approached the authorities who have kindly sanctioned additional beds. At present, this Institute has 311 indoor beds.

### A.3.6. Growth over the years (In patient)

YEAR	Age Group	TOTAL	Age Group	TOTAL	GRAND TOTAL
2012-13	Pediatric (0-14 yrs)	508	Adult (15+yrs)	7,839	8,347
	Pediatric (0-14 yrs)	591	Adult (15+yrs)	7,257	7,848
	Pediatric (0-14 yrs)	661	Adult (15+yrs)	9,986	10,647





## A.4 Important activities of Major Therapeutic Divisions/ Departments

### A.4.1. Department of Radiation Oncology

This department is equipped with various State of the art equipments and is now at par with any other standard Radiation Oncology department in our country. Our lists of equipments are:

1. Telecobalt Units – 2 (Bhabatron II and Theratron Elite 80)
2. Linear Accelerator Units – 2 (one dual energy 15MV / 6 MV and the other 6 MV – 3DCRT accelerator. Both Siemens units have Electron Beam facility)
3. High Dose Rate Remote Afterloading Brachytherapy unit (with Intracavitary, Interstitial and intraluminal facilities)- 1 (Microselectron). This was the 1st of its kind in India.
4. 3D- Treatment Planning System – 1
5. Conventional Teletherapy Simulator – 1 (Imagin)

We also have facilities for Radio-iodine ablation therapy. This service is provided with the help of Regional Radiation Medicine Centre (RRMC) under Variable Energy Cyclotron Centre (VECC), Department of Atomic Energy (DAE), Govt of India and is the 1st of its kind in Eastern India.

Our Medical physics section has helped the Radiology department to obtain licenses for all X-ray based diagnostic machines from AERB through eLORA.

The Treatment Simulator unit is the latest addition in our department which has been procured through BARC in 2013. This has enhanced the tumor localization accuracy and finer modification of teletherapy fields resulting in more effective radiotherapy with sparing of normal tissues.

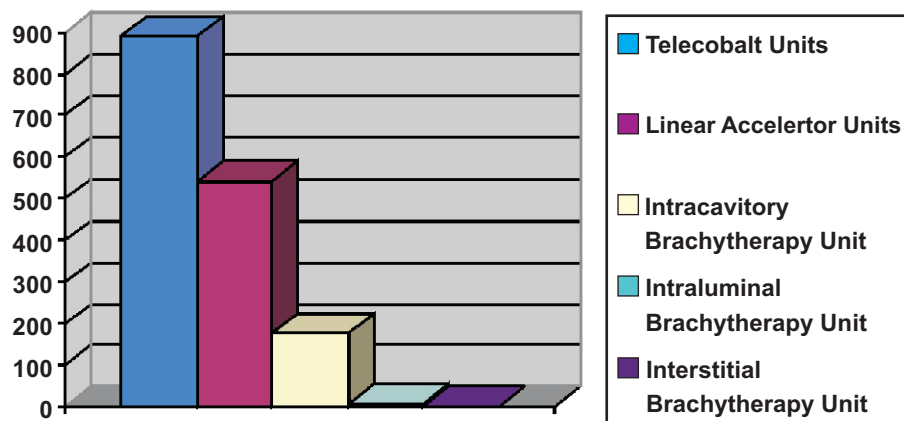
Interstitial Brachytherapy with HDR Microselectron is being used on a regular basis for various sites of cancer (like Tongue, Cheek, Breast etc) in our department. This method of delivery of increased dose to tumor with complete sparing of surrounding normal tissues is expected to be highly effective in certain specific clinical situations.

It needs special mention that DAE (Department of Atomic Energy) had sent us a grant of Rs. 50 lakhs for procurement of new radioactive source for our Cobalt-*I* (Theratron) unit. The source has been replaced in November, 2015.



### Turnover of Patients (2014 – 15)

THERAPY UNITS	TURN OVER OF PATIENTS
Telecobalt Units	893
Linear Accelerator Units	542
Intracavitary Brachytherapy Unit	177
Intraluminal Brachytherapy Unit	05
Interstitial Brachytherapy Unit	13



### Training and other academic activities:

1. We run a DNB (Radiotherapy) course which is a post graduate medical qualification conducted under the National Board of Examinations (NBE), New Delhi and recognized by the Medical Council of India. At present we have three students.
2. We also run a two year Diploma course for radiotherapy technicians (DRT course) under the supervision of WB State Medical Faculty.
3. Like previous years, 4 undergraduate Medical physics students from 'Gono Biswabidyalaya', Dhaka, Bangladesh underwent four weeks training in the Medical Physics section of Radiotherapy department.
4. Doctors of this department regularly present their treatment results in different scientific forums
5. One year internship program is mandatory for Medical Physics students as per Atomic Energy Regulatory Board, Mumbai. Our department is recognised by the BARC for internship of newly qualified medical physicists.



#### A.4.2. Department of Surgical Oncology

The new State-of-the-art OT complex consists of 5 advanced Operation Theatres and an annexed 8-bedded ITU. The Surgical Oncology Department is equipped with ultra-modern gadgets like Operating microscope, CUSA, Harmonic Scalpel, Intra-operative Ultrasonography, Radio Frequency Ablation and Tissue Link and can now perform a number of complex surgeries.

With the advent of the Operating microscope, Oscillating saw, Reconstructive and Laryngoscopic procedures have got a boost. Our surgeons have been trained in reputed centres in India and abroad and the outcome of such surgeries are encouraging.

With the full set up for advanced Liver surgery - including CUSA (which was donated by Rotary Club of Calcutta Metropolitan, Singapore and The Rotary Foundation), Harmonic Scalpel, Intra-operative Ultrasonography, Radio Frequency Ablation and Tissue Link, Liver surgery has become much easier and is routinely performed with good results.

Laparoscopic surgeries are now done for GI, Urology and Gynaecological cases, enabling patients a quick, painless recovery.

With the regular use of LASER surgery, especially for early cancers of Head & Neck region, patients are able to avail of a new modality of surgical service.

Radio Frequency Ablation is performed for inoperable Liver and Lung cancers.

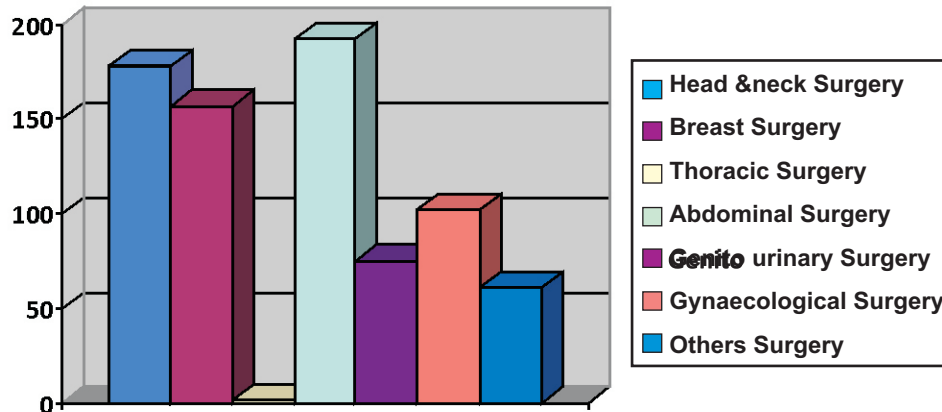
#### **Endoscopy:**

The activities in the Endoscopy department are increasing each year. The numbers of cases and the types of procedures have significantly increased over the past few years. We are now routinely performing Upper GI Endoscopy, Colonoscopy, Bronchoscopy, Fibre-optic Laryngoscopy, Nasal Endoscopy and ERCP. All kinds of therapeutic procedures are now performed, including Biliary, Esophageal, Pyloro-duodenal and Colonic stenting, dilatation, polypectomies, PEG etc.



**Overall Performance during 2014-15 :**

	<b>TYPES OF PROCEDURES</b>	<b>Nos</b>
<b>BIOPSIES</b>	<b>Total</b>	<b>612</b>
<b>MINOR OPERATIONS</b>	<b>Total</b>	<b>204</b>
<b>MAJOR &amp; SPECIAL OPERATIONS</b>	<b>HEAD &amp; NECK SURGERY</b> (Includes radical procedures for different oral cancers, plastic reconstructions, laryngectomies, thyroidectomies, radical neck dissection, oesophagectomy)	178
	<b>BREAST SURGERY</b> (Includes Breast conservation, Radical and Modified Radical procedures)	157
	<b>ABDOMINAL SURGERY</b> (includes different operative procedures for cancers of the digestive organs namely stomach, pancreas, liver, intestine inclusive of rectum and other abdominal tumors-both open and laparoscopic)	192
	<b>GENITO URINARY SURGERY</b> (Includes operations for male genitalia, kidney, urinary bladder and transurethral)	75
	<b>GYNAECOLOGICAL SURGERY</b> (Includes surgeries for uterus, cervix, ovary and vulva)	102
	<b>OTHERS</b> (Includes various other procedures like Thoracic Surgery, wide excision of tumour, amputations, plastic operations for skin cancers etc.	63
	<b>TOTAL</b>	<b>767</b>
<b>ENDOSCOPY</b>	Cystoscopy	325
	Colposcopy	27
	Bronchoscopy	88
	Colonoscopy	353
	UGI Endoscopy	690
	Laryngoscopy (Fibre optic)	844
	Nasal Endoscopy	151
	E.R.C.P	111
	Endoscopy Guided Stenting :	
	Esophageal(08), Duodenal(14)	22
	Endoscopy Guided Ryle's Tube Insertion	27
	Esophageal Dilatation	27
<b>TOTAL</b>	<b>2 665</b>	
<b>GRAND TOTAL</b>	<b>MINOR &amp; MAJOR SURGERIES &amp; ENDOSCOPY</b>	<b>4 248</b>



#### Future goals:

- Upgradation of laparoscopic surgery unit with State-of-the-art instruments and procurement of more Vessel Sealing devices for the increasing demand in Laparoscopic surgeries and Liver resections.
- Increase patient turn-over

#### A.4.3. Department of Medical Oncology

The service of this department includes Chemotherapy, Haemato-oncology and Paediatric Oncology. Qualified specialists run all the divisions.

##### ☐ Chemotherapy Division

- The Chemotherapy department has been revamped. Extending the day care hours has made it possible to administer some very long chemotherapeutic protocols (> 5 hrs) on a single day. However, the charges for prolonged infusion chemotherapy have been kept nominal. This has led to a greater availability and utilization of indoor beds for other patients.
- The comfort level of the day-care facility has improved. The unit is now centrally air-conditioned with soft relaxing music and good ambience. Recently, a small library has been installed within the day-care unit to keep patients engaged during chemotherapy.
- Free counseling is offered by the group “Hitaishini” for breast cancer patients and “South Kolkata Sanjeevani” for general day care patients. The counseling helps boost the patients’ spirits and determination.
- Diet is an important part of the treatment that oncologists often ignore. We offer regular dietary counseling for the patients taking chemotherapy from the day-care unit.
- Handouts depicting the “Do’s and Dont’s” for patients undergoing chemotherapy are

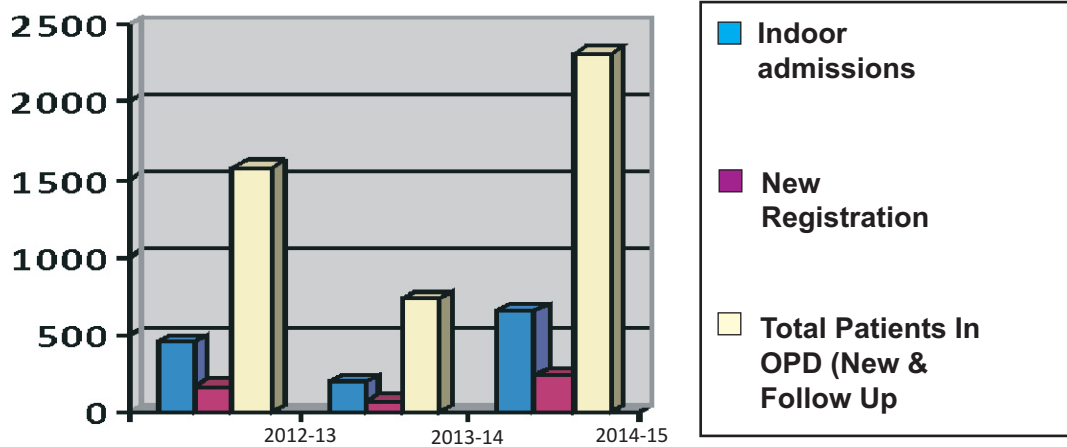




distributed to all patients from the day care. This has taken care of most of the queries from patients and care givers. Besides this, cancer awareness handouts along with Palliative care awareness handouts are also distributed to help the patients and their families.

- Periodically the department trains the Nursing Staff regarding the basics of anticancer drugs, chemotherapy administration skills and methods to combat spillage of toxic drugs.
  - Apart from chemotherapy, biological anticancer agents, targeted agents and iron infusions are also been given.
  - Holiday rounds in the indoor wards are pre-scheduled for benefit of the patients and improve their compliance.
  - The practice of concurrent administration of Chemotherapy and Radiation therapy has increased significantly in recent years. With active collaboration of Department of Radiation Oncology, we are now providing a seamless service to the patients.
  - Greater use of chemoport devices has significantly improved the compliance of the patients who need long and frequent chemotherapy cycles specially in adjuvant setting.
  - Monthly departmental meetings are conducted to improve quality of service and better evidence-based management. Case discussions and short oncology presentations are also carried out.
  - The department has access to latest editions of peer reviewed journals like Annals of Oncology, Lancet and Journal of Clinical Oncology
  - Our faculty members are regularly invited as speakers and panelists to various national and international seminars and conferences.
  - During the period April 2014–March 2015, about 4,508 patients had attended this department for administration of Chemotherapy.
- The Haemato-oncology Division looks after adult patients suffering from leukaemias and lymphomas. Separate OPD and Indoor services are available for this division.
- The Paediatric Oncology Division cares for the children (0-14 years) with cancer. The Division runs regular OPDs. The division has 42 specified beds for children. The following table summarizes the statistics of the division:

<b>Parameters</b>	<b>Age (0-14)</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Indoor admissions		459	202	661
New Registration		171	72	243
Total Patients In OPD (New & Follow Up)		1580	732	2312



Majority of the registered patients were having hematological malignancy followed by malignant bone tumors, brain tumors and soft tissue tumors.

#### Notable activities of Pediatric Oncology Division (2014-15)

- Long term follow up clinic has started every Tuesday for our survivor paediatric patients in the IMCH building, 1st floor from 31.03.2015.
- The Indian naval coast guard invited our children to visit Haldia this year. It was a full day programme on 10.01.15 with a ride in a fully functional coast guard hover craft for nearly 30 minutes. The children were very excited to hear about the coast guard regimen and how the guards help protect our national boundary from infiltrators.
- Regular CMEs with case presentations in paediatric oncology are part of our CME programme.
- Our music therapist conducted training sessions for Rakhi, Diya making which were prepared by our paediatric patients and their mothers. This year Rakhis have been sold and the proceeds from the sale have been used for the treatment of our poor patients. She also guided our paediatric patients to decorate the Rath for Ratha Yatra festival and won 1st prize in Ratha yatra competition at Behala. The patients were thrilled to win the prize.
- Our social workers helped the needy parents of the admitted patients to apply to the Government organizations and NGOs for financial assistance to continue their children's treatment. Mainly most of the parents come from very poor economic conditions. They do not continue the treatment of their children if they do not get any financial assistance. We get financial assistance from CM's Relief Fund, Governor's Relief Fund, PM's Relief Fund, Swasthya Bhaban etc. Many NGOs also help to adopt the patients to continue his /her full treatment or donate financial assistance to continue treatment.
- We encourage & provide infrastructural facilities for various volunteers to help various activities to like Puppet show, Magic show, Drawing, Painting etc.



- g. We regularly celebrate monthly birthday parties for our admitted paediatric patients. They cut the cake and have received gifts & toys from our Director, Secretary and NGO members. The ward is decorated with colorful papers and Balloons. The management staff, Doctors, Nurses, Social Workers and parents are present in the functions.
- h. Our paediatric ward is fully Air Condition. Most of the patient families can not even pay the subsidised bed rent per day due to their poor economic condition. Our Hospital waives the bed rent & does not take any meal charges from them. Mothers of the patients are also allowed to stay with them without any charges.
- i. Our doctors visit the patients 2/3 times a day. They do not accept any consultation fees for their visits.
- j. We celebrate “World Cancer Day” every year with active participation of our cancer survivors which is very motivating for those who are currently under active treatment. They perform on the stage like recitation, sing a song etc.
- k. Active support from various voluntary organizations like Care & Concern, Cankid, Make a Wish, Rotary Clubs & Rotaractors, Desham, Agni, Smile, Walt Disney, Suchetana, We Can Cancer Cannot, more recently Banshi Vidya Memorial Trust, Sarani, ILS, Inerwheel Club & AIWC etc. Many individuals like Ms Radhika Bansal, Ms Arpita are also regularly supporting the children. The Management expresses its gratitude to these voluntary organizations.
- l. Cankids (a Delhi based NGO) donated costly chemotherapy medicines to our poor children. They also regularly supply Horlicks, biscuits, hygiene kits to our patients.
- m. An embroidery teacher comes every Saturday/Sunday to teach the mothers of patients as a voluntary service.
- n. Day care centre has started for day care treatment in the IMCH building, 1st floor.
- o. In the ground floor of the IMCH building, we also have children’s play and class rooms.
- p. Awareness programmes including magazines, write ups are published for mass education.

□ **Bone Marrow Transplant Unit:**

The bone marrow transplant unit is being functional since August 2012 .To start with for the first four months patients with high risk acute myeloid leukemia undergoing intensive chemotherapy with the intention to cure the disease were treated in this unit .This approach helped the staff working in the unit to get adequate training in barrier nursing and measures of infection prevention .Till December 2015 ,a total of 24 cases of Autologous Transplantation have been done in this unit [Multiple Myeloma 19 ,Relapsed NHL 3 ,Relapsed HL 1 and Plasma Cell Leukemia 1 ] Majority of Multiple Myeloma patients are doing very well and 13 out of 16 Multiple Myeloma patients are found to be in complete remission at their last follow up .There is no transplant related mortality among the patients transplanted so far .It is also important to note that during this period ,the BMT Unit has been well utilized for isolation and barrier nursing for the management of high risk patients like AML and Aplastic Anemia .There were only three infection related deaths



among 60 patients treated in the BMT Unit .There are many more patients lined up for Autologous Transplantation to be done early next year .Our goal is to keep up the good work and to start working on Allotransplant program that is where the future of Bone Marrow Transplantation lies .We hope that very soon our centre will become a recognized referral centre in Eastern India .

**FY 2014 – 15**  
**(Excluding Usual Blood Banking Procedures)**

<i><b>MONTHS / Year</b></i>	<b>Plateletpheresis</b>	<b>Stemcell Collection</b>
04/14	07	03
05/14	05	00
06/14	00	00
07/14	05	02
08/14	03	03
09/14	02	02
10/14	04	00
11/14	05	01
12/14	09	02
01/15	06	02
02/15	00	00
03/15	00	01
<b>TOTAL</b>	<b>46</b>	<b>15</b>

**A.4.4. Department of Nuclear Medicine:**

Activities of the Regional Radiation Medicine Centre, VECC- 2014-2015: The Regional Radiation Medicine Centre (**RRMC**), Kolkata was set up by the Department of Atomic Energy in the year 1989, in collaboration with SGCCRI (then CCWH&RI), Thakurpukur. This is a part of the DAE's charter with the same philosophy as Radiation Medicine Centre, BARC, Mumbai, to bring the benefits of nuclear science to the common man of eastern India for the diagnosis and treatment of human diseases.

The present activities of the RRMC include in-vivo nuclear imaging, in-vivo non-imaging studies, in-vitro diagnostic studies, and Radionuclide therapy.

**Nuclear imaging:**

At the RRMC Nuclear Imaging is performed on the Dual Head Gamma Camera with SPECT and CT facilities (Infinia with Hawkeye). Routine static imaging performed includes whole body skeletal, thyroid, liver, renal cortical and large dose I-131 scans.

Routine dynamic imaging performed includes renal dynamic study, hepato-biliary, **GI** bleed study, 3-phase skeletal imaging etc.

SPECT studies of the skeletal studies are also being performed.

Occasionally more sophisticated studies like Breast Imaging, Parathyroid Imaging, are being carried out.

With this State-of-the-**A**rt Gamma Camera, static imaging like Skeletal, Thyroid, Liver, Whole Body I-131 (Large Dose), and dynamic imaging such as, Renal Dynamic, Hepatobiliary, G.I. bleeding etc. are being performed regularly.



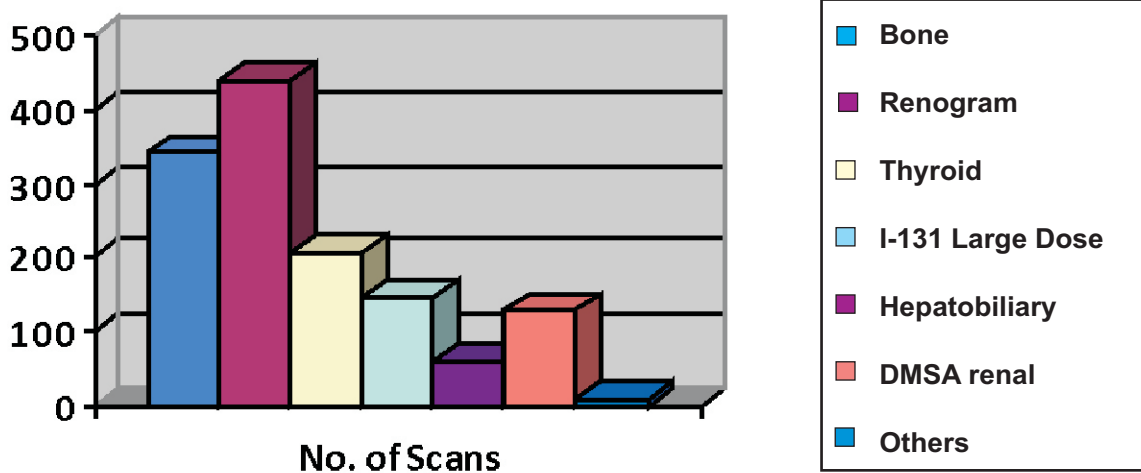
This camera is also being used occasionally for more sophisticated imaging like SPECT/CT imaging of the Skeletal System, Myocardial Perfusion Imaging, Gated Blood Pool Imaging, Scintimammography, Parathyroid imaging etc.

These types of imaging are useful in a variety of diseases like cancers of various organs, kidney problems, Ischaemic Heart Disease, disorders of thyroid and other endocrine glands, Biliary Atresia and unexplained Gastrointestinal bleeding etc.

The number of patients who underwent various types of nuclear imaging studies at the RRMC during 2014-15 is presented in the following table.

**No. of patients who underwent various types of Nuclear Imaging at RRMC during the year 2014-15 is presented in the following table**

Scans	No. of Scans
Bone	341
Renogram	437
Thyroid	205
I-131 Large Dose	145
DMSA renal	62
Hepatobiliary	129
Others	11
<b>Grand Total</b>	<b>1330</b>



**In-vivo non-imaging:**

In-vivo non-imaging studies include Thyroidal Iodine-131 uptake studies for various diseases of the thyroid gland.

A total no. of 220 patients underwent I-131 uptake studies during this year.



### **In Vitro Diagnostic studies:**

In vitro diagnostic studies being performed regularly at present are Radioimmuno assay of thyroid hormones [Tri-iodothyronine (T-3) and Thyroxine (T-4)], as well as Thyroid Stimulating Hormone (TSH) and Free Thyroxine (Free T-4). These studies are essential to assess Thyroid function in various thyroid diseases. **1900** patients underwent Radio immune Assay studies this year.

### **Radio-Nuclide therapy:**

Low dose Iodine-131 therapy of thyrotoxicosis (upto 15mCi of I-131) on OPD basis is being carried out regularly. Radio Iodine therapy for thyroid cancer patients was started in 2004. Till July 2011, this was the only facility of its kind in West Bengal. During the year 2014-15, a total of **76** patients of Cancer Thyroid have undergone high dose I-131 therapy at the RRMCC. Also, Low Dose Iodine-131 therapy for Thyrotoxicosis patients is being performed on an outpatient basis. **105** patients underwent Low Dose I-131 therapy of Thyrotoxicosis during this year. I-131 therapy for cancer Thyroid patients is, also being carried out regularly. Moderate and High Dose Therapy (50 to 150 mCi of I-131) was administered to **76** patients this year.

### **Research Activities**

Besides its routine activities, RRMCC also carries out research and development activities. At present, we carry out collaborative research projects with the Indian Institute of Chemical Biology, Kolkata and the Unit of BRIT at VECC, involving animal imaging using various newly developed radiopharmaceuticals meant for the imaging of various organs or lesions.

A second phase of clinical trial (Humans studies) of Tc-99m produced by the TCM-AUTOSOLEX module for solvent extractions of Tc-99m from Mo 99 (developed by the unit of BRIT at the VECC) was carried at the RRMCC during August and September this year. **55** patients underwent various types of imaging with Radio pharmaceuticals labeled Tc-99m Pertechnetate produced by AUTOSOLEX Generator. The images were of a quality comparable to those produced by Radio pharmaceuticals labeled Tc-99m eluted from Alumina Column Generators.

In addition, during the current year, we undertook clinical trials of various radiopharmaceuticals labeled with Tc99m produced from Mo-99 by the automated solvent extraction method using the TCM-AUTOSOLEX module developed by the unit of BRIT at VECC.

Three Research papers based on these collaborative studies involving the RRMCC have been published in various international journals during the current year.



#### A.4.5. Department of Radiology:

The volume of all imagings (USG, CT scan, Digital X-rays, Mammography, Colour Doppler, Echocardiography etc) has increased. Interventional Radiology in the form of Image Guided RFA, PTBD, Core Needle t biopsies, Pig tail catheter insertions are routinely done.

A PET-CT scan & MRI unit became functional from September 2014. Addition of these two units have completed the list of radio-diagnostic equipments that befits a comprehensive Tertiary Cancer Centre.

Recently our old CT Scan Machine was replaced by the 16 Slice Siemens Somatom Spiral C.T. Scan Machine through a CSR Grant from Indian Oil Petronas Pvt. Ltd.

The following table shows the work-load of the services of this department.

SERVICES	No of Patients
Conventional Radiology	7725
Ultrasonography	3493
Echocardiography	2798
CT Scan	5585
PET CT Scan	410
MRI	544

The CT scan unit of our Institute needs special mention. Apart from Diagnostic CT scans, it also performs all the Radiotherapeutic planning and CT-guided FNAC procedures. The work load of the CT scan unit is shown in the following table.

Month / Year	CT Scan	CT guided FNAC & Trucut	Radiotherapeutic Planning
April/2014	446	63	60
May/2014	438	66	38
June/2014	439	57	22
July/2014	192	25	13
August/2014	435	62	22
September/2014	431	55	30
October/2014	298	50	38
November/2014	357	62	41
December/2014	341	59	36
January/2015	340	65	37
February/2015	336	82	25
March/2015	394	83	48
<b>TOTAL</b>	<b>4447</b>	<b>728</b>	<b>410</b>



CT Scan	4487
CT guided FNAC & Core Needle Biopsy	728
Radiotherapeutic Planning	410
<b>TOTAL</b>	<b>5585</b>

#### A.4.6. Department of Pathology:

##### Highlights

- The Immuno Histochemistry (IHC) unit is performing optimally in facilitating accurate tumour diagnosis. The 'Ventana' automated system was installed and the panel of markers has been increased. This unit is one of the very few in Kolkata to offer a comprehensive panel of IHC markers.
- Two 'Mini-Vidas' equipments (Bio-Merieux) have been installed. One is installed at the biochemistry unit for Immuno Chemistry and Marker assay. The other equipment is installed in the microbiology unit for serological tests.
- A cryostat (Leica) is installed that helps us to perform intra-operative frozen sections. Regular intra-operative imprint cytology is also being carried out.
- Regular CT guided core biopsies are done in collaboration with the radiology department. The biopsy material is subjected to imprint cytology and histopathology and IHC where indicated. These procedures provide a rapid and accurate diagnosis in intra-thoracic and intra-abdominal tumors without open surgery.
- Regular classes & hands on training are taking place in a dedicated Room for DMLT Students.

##### Activity Report (Number of Tests Done) of the Department of Pathology (2014-15)

There has been increase in the volume of activities in almost all aspects of the departmental services. The following table shows the services provided by this department.

Haematology	78296
Clinical pathology	950
Histopathology	12000
Microbiology	6102
Immuno Histo/ Cytopathology	4664
Biochemistry (including tumor markers)	181822
FNAC (Direct 757; CT guided 508; USG guided 304)	1569
Slide Review	6700
PAP Smear	539
Serology (HBsAG,HIV,HCV & Others)	10011





## A.5. Important activities of our major ancillary services

### A.5.1. Nursing Services

Nursing department plays an important role in health care delivery system and is an essential part of the health care team. The main objective of the department is to provide holistic nursing care (Preventive, Curative, Promotive and Rehabilitative) to ailing patients with unflinching dedication. This is done through proper planning organizing and co-ordination.

The department maintains good liaison with various departments like diagnostic, therapeutic and supporting wing for smooth and flawless functioning of the hospital.

Supervisory efforts of the department are directed towards patient's bedside nursing care, hygiene and sanitation, biomedical waste management, infection control, linen and laundry, store indent, inventory control, patients' diet and proper distribution of staff nurses and other categories of health care workers in all the departments and wards.

Counseling of patients and their family members, rendering co-operation and co-ordination in organizing customary social functions are some of the aspects of nursing services.

The department also carries out in-house orientation training for newly appointed staff nurses. This department also imparts oncological nursing orientation training to student nurses of different schools and colleges of Kolkata who visit our hospital regularly. During the year 2014-15, nursing students from 26 different Nursing Schools and Colleges attended such orientation courses.

Our own nurses of all categories receive orientation and continuous nursing education program regularly. The nurses attend many in-house training on infection control, bio-medical waste, disposal, HMIS, NRT Clinic, Fire Safety, Chemotherapy and blood transfusion, Palliative Care, BMT and Hemato Oncology.

Many sisters- in-charge and some of the senior nurses attended many important National and International workshops and seminars in our own hospital as well as in other hospitals. Foundation Oncology skills for Paediatric Nurses, good clinical practice and Research in Palliative care, NRT, International Palliative care work shop are some of the seminars and workshop held in our Hospital. Clinical Excellence in Nursing and Nursing Research are some of the seminars /workshops held in other hospitals.

Our department is run by competent senior nurses and staff nurses, sevikas and nursing aids who help us to render nursing care to our patients in indoor and outdoor sections. Our trained palliative care nurses carry out home care services along with our medical team regularly.



SL.NO.	DESIGNATION	HEADS
01	Nursing Superintendent (N.S.)	01
02	Deputy Nursing Superintendent (D.N.S.)	01
03	Matron	01
04	Deputy Matron	02
05	Night Supervisor	02
06	Sister In charge	19
07	Sevika	77
08	Nursing Aid	44
<b>TOTAL</b>		<b>261</b>

#### A.5.2. Transfusion Medicine Service (Blood Bank)

The Blood Bank is fully operational now. The following table give a glimpse of the activities of our Blood Bank.

#### Blood Banking Services for FY 2014 – 15 (All figures are in Units)

Month / Year	Outside Collection		In-House collection	Total	Rejection	Balance after Rejection	Issue			
	Cap ps	Collec tions					WB	PRBC	FFP	PLT
04/14	3	105	0	105	9	212	47	58	58	58
05/14	1	70	14	84	1	87	82	02	02	02
06/14	2	109	07	116	32	164	76	40	40	40
07/14	2	80	15	95	10	149	63	32	32	32
08/14	4	297	42	339	19	500	249	90	90	90
09/14	2	235	45	280	10	504	163	117	117	117
10/14	2	125	86	211	21	346	133	78	78	78
11/14	5	543	21	564	52	894	373	191	191	191
12/14	7	675	21	696	39	1003	523	173	173	173
01/15	9	489	10	499	39	845	265	234	234	151
02/15	9	518	11	529	17	942	281	248	248	182
03/15	5	390	53	443	48	806	206	237	237	174
<b>TOTAL</b>	<b>51</b>	<b>3636</b>	<b>325</b>	<b>3961</b>	<b>297</b>	<b>6452</b>	<b>2461</b>	<b>1500</b>	<b>1500</b>	<b>1288</b>



### A.5.3. Pain Clinic and Palliative Care Services

Concept of Palliative Care existed since the inception of this Institute. The original name of this Institute – “Cancer Centre & Welfare Home”, the brain-child of Late Dr Saroj Gupta, the Founder of this Institute bears testimony to the fact that the entire endeavor of this Welfare Home was oriented towards reaching the facilities of Cancer Treatment and Palliative Care to the under-privileged masses.

A 4-bed “Cottage of Peace” was established in our premises in the very early period of its development. This was truly a “**Hospice**”. This Unit was inaugurated by Mother Teresa.

Dr Gautam Bhattacharjee, one of our radiation oncologists was sent to Oxford – the abode of Palliative Care. He was extensively trained in Oxford. After his return, the Palliative Care service of this centre was initiated in 1992. It provided free consultation for acute and chronic pain relief in accordance to WHO guidelines. This Institute obtained license for oral morphine from the Drug Controller and Central Excise Departments for procurement (MD-3) and stocking and distribution (MD-6). With the help of voluntary services of other doctors of Radiation Oncology Department, this unit functioned smoothly. It provided services of pain control and provided oral morphine free of cost to our Out-patients and In-Patients. More than 800 patients used to avail this service every year. Our department of Anesthesia was always involved to relieve intractable neuropathic pains with the help of spinal and local blocks under C-arm image guidance. Neurophysicians and Neurosurgeons from various centers were sometimes consulted.

This unit was upgraded and inaugurated on 2nd August 2010 to the status of a department with new recruitment of staff and their further training. The patronage came from Indo – American Cancer Association.

Since then this department has gone from strength to strength. The existing services were improved. The number of referrals from other departments and hospitals increased. Palliative care became more acceptable to a larger proportion of patients and their relations.

At the moment, The Palliative Care Departments has following spheres of activities:

- OPD Service
- Indoor Service
- Free Domiciliary Care Service.
- Interventional pain control service for relief of intractable neuropathic pain.

Bed charge of the Palliative Care Department has been kept at a nominal rate. Consultancy is free. We aim to stabilize the patient and try to send them back home with necessary instructions. In a few cases we try to continue the good care by extending services to home.

**GCCI** (Global Cancer Concern India) assists in our free domiciliary care services by providing their vehicle at times. Presently we are covering a radius of 25-30 km. The service is available twice a week. It is absolutely free. “**Helpage India**” had also provided us with a free Domiciliary Service Ambulance thereby making this domiciliary service more regular.



### Highlights of Palliative Care Department

- We have now expanded our Palliative Care indoor services in the top two floors of a new 4-storeyed building with all the modern facilities for comprehensive care. There is the provision of a seminar hall and a library to conduct academic sessions. This unit was formally inaugurated on 22nd December 2012.
- The 6 week course in Pain and Palliative Care for Doctors, nurses and social workers /volunteers started from Jan 2013 at SGCCRI. This is in collaboration with Pallium India (Kerala based premier Palliative Care organisation) and UK based THET organisation. Thanks to the efforts of **Dr S S Mitra** from UK and **Dr M R Rajagopal**, this educative course is offered free of cost to representatives from the government sector. On public demand we have simultaneously introduced the 10 day course for Doctors, nurses, volunteers and social workers and that has also received a wonderful response. The participants are receiving hands on training in palliative care and pain management. This course also includes communication skills, ethical issues, narcotic drugs and regulations, end of life care, symptom management, building leadership qualities, home based care training. National and international faculties are delivering lectures. **Dr Kiran Sharma** laid the teaching foundation by extending her stay for more than a month. Study kits, textbook and handouts are provided to the students for better dissemination of knowledge. **Dr Biju Raghavan** and **Dr Simha (IAPC President)** were also faculty members.
- The Global Access to Pain Relief Initiative (**GAPRI**) is also going on in full swing from March 2013. This is a project in collaboration with **Pallium India** to achieve a pain free hospital and we are proud to announce that our hospital is one of the few institutes in India to have been bestowed with this responsibility. As a part of the project a monthly survey is made on the average pain scores of admitted patients and tallied with monthly morphine consumption. Clearly with increased awareness of palliative care and pain management morphine consumption increased.
- The **EIPC** organisation (**Eastern Indian Palliative Care**) has been working in close collaboration with SGCCRI Palliative Care Department to spread more Palliative Care Services. The Staff of EIPC was trained by SGCCRI Palliative team.
- Free home based care service twice a week covering a radius of 25 km around Kolkata and free supportive medicine as well as Morphine tablets to cancer patients have been the highlight of this department. The free home care service is aided by support from Global Cancer Concern India. The department now consists of 2 full time social workers.
- Celebrating World Palliative Care Day each year in the month of October, has been one of the special feature. The purpose is to make community aware about the noble services offered by this stream.
- For academic activities of this prestigious department kindly refer to the Academic Section of this Annual Report.



## Services rendered by Palliative Care Department

The following Table shows the details of the services provided:

Month / Year	OPD Turnover (1)	Indoor Turnover (2)	Total Turnover (1+2)	Home Visits
Apr 2014	87	44	131	14
May 2014	76	61	137	24
June 2014	142	63	205	24
Jul 2014	119	64	183	26
Aug 2014	77	73	150	08
Sep 2014	102	73	175	17
Oct 2014	74	57	131	13
Nov 2014	76	00	75	14
Dec 2014	81	55	136	20
Jan 2015	73	73	146	13
Feb 2015	65	85	150	23
Mar 2015	70	83	153	22
<b>TOTAL</b>	<b>1042</b>	<b>731</b>	<b>1773</b>	<b>218</b>

### A.5.4. Cardiology Services

The Cardiology Department of our Institute renders an untiring service to this Institute. Almost all the adult patients are routinely referred for Cardiological work-up. The work-load of the cardiology department during 2014-15 is shown in the following table.

SERVICES	No. of Patients
Cardiological Check-up	1,451
ECG with opinion	4,200
Echocardiography	2,798

The department also takes active part in the overall management of patients admitted in ITU and Pediatric ITU.

### A.5.5. Alaryngeal Speech Therapy Unit

Suitable cases of Cancer of Larynx can be treated successfully by total surgical removal of the larynx (the voice-box situated in the neck). However, the patients become a-laryngeal (mute) for the rest of their lives as a result of such operations. The Laryngectomee Club, headed by Mr Bibhuti Chakraborty (himself a laryngectomee) used to teach other patients to talk satisfactorily by manipulating air gulped in the upper part of the esophagus (the food-pipe).



Mr Chakraborty used to run the service at our center. He rendered voluntary service to the patients for over 35 years. Recognitions of his voluntary services have come from various sources. We thankfully acknowledge his contribution.

After the sad demise of Mr Chakraborty, , the unit is run presently by two volunteers – Mr Ujjal Sinha and Ms Soma Sinha from Jamsedpur. The management of this Institute appreciates their untiring benevolent work.

#### A.5.6. Stoma care Services

Patients often undergo major surgical operations for cancer where the normal passages of excretion are removed. To cope up with the anatomical challenge needs significant adaptability to unusual technical practices. Moreover the patients need strong psychological support to accept the changed way of life.

Mr K C Banerjee of Ostomy Association of West Bengal is a tireless worker whose benevolent activities help a number of such patients (ostomates) at this Institute. The clinic is run twice a week (Wednesdays & Fridays) with the active help of Mr Banerjee and assistance from various doctors and nursing staff of our Institute, especially our staff nurse Ms Atreyee Acharyya.

The following table gives an overview of the functioning of this unit during 2014–15:

Ostomates examined (Total Number) ( Colonic:36; Ureteric:06; Ileostomy:5 )	47
Patients counseled ( Preoperative: 50 ; Postoperative: 40 )	90

#### A.5.7. Breast Cancer Support Services

“HITAISHINI” is a voluntary non-profit Breast Cancer Support Network in Eastern India. It is a forum member of Reach-to-Recovery International, Australia, and one of the founder members of Cancer Care India, New Delhi. Its member-volunteers are either breast cancer survivors or socially committed women. It runs breast clinics attached to hospitals and Cancer Centres in and around Kolkata, to provide psychological, emotional, medical and rehabilitation support to women with breast cancer. Hitaishini also conducts Awareness camps, seminars, workshops and “Walks” to propagate knowledge about breast cancer among the masses.

“Hitaishini” has been rendering its free social services to the patients of this Institute for more than a decade. The management of this Institute appreciates the noble services of this benevolent group.



The following table gives an overview of the functioning of this unit during 2014-15

1	Total patients attended & Counseled	314
2	Medicinal Support	119
3	Providing breast accessories	42
4	Providing machine massage for Lymphedema patients	03
5	Rehabilitation of patient's family	02

#### **A.5.8. Psychological Support Service**

We have a special OPD service for psychological counseling for patients and their close relations. Many patients **have benefitted from this service over the years.**

#### **A.5.9. Nutritional Support Service**

Nutritional status of a patient often becomes a decisive factor in determining the therapeutics and treatment outcome. With active help of competent dieticians, this Institute helps patients who develop nutritional problems before, during and after treatment. This unit also provides basic nutritional guidelines to the patients during palliation.

#### **A.5.10 Nicotine Replacement Therapy (NRT) Clinic**

Incidence of cancer is increasing alarmingly. 40% of these cancers are tobacco related and very much preventable. Our Centre has started a NRT Clinic. The **First of its kind in Eastern India** (2nd in India) the NRT clinic to help the addicts in quitting tobacco, thanks to the initiative of Professor Chittaranjan Chowdhury (Warwick UK). Several training programmes and workshops have been held for Doctors and volunteers to propagate the awareness. Several cancer awareness programmes have been also held in and around Kolkata where handouts are given out to the attendees.



## **A.6 Important activities of our Environmental Monitoring and Biomedical waste Management System.**

A benevolent group of social activists formed the society in 1973. From the very beginning, they had shown keen interest in the environment of this welfare home. The soothing environment would be such that the patients could perceive it as their home away from home.

The architecture is eco-friendly and energy-efficient. The modern day concept of “Green Architecture” was followed in the premises of this institute from the very beginning-long before the very term was coined.

The architecture was very much there but it made the nature background more omnipresent. Health, Sanitation, Drainage, Disposal-everything was there and par excellence-only that they melted silently behind the whispers of nature. It meant taking a lot of extra care. However, the management never compromised with its original idea of a welfare home. We always walked the extra mile.

When the relevant Acts of environment were enacted, this Centre welcomed the proposals of the Government and became a model of Environment Monitoring and Biomedical Waste Disposal System in Eastern India. A committee with qualified members was established a number of years back to monitor the parameters. Presently the committee is headed by Prof. (Dr.) Arunava Majumder, Former Director & Professor, AIH & PH Govt. of India. The Hospital generated garbage and waste are segregated and disinfected by an in-house system that follows the Government guidelines. The Final disposal is made through an authorized disposal agency, We also periodically monitor exhaust gases, ambient air, sound level, wastewater and drinking water to ensure a pollution-free environment. We have put an extra effort of microbiological monitoring of all our Operation Theatres, Intensive Therapy Units and Wards, The resultant microbial map of the institute shall help us to serve our patients in a better way. We sincerely hope to maintain the sanctity of the environment of this center and proudly show to those who visit, that SGCCRI is a phenomenon rather than a medical establishment.





## B. Division of Research, Academic Affairs and Cancer Control

### B.1. Division of Research

The Division of Research is headed by Dr. Samir Bhattacharyya, who is the HOD of the Surgical Oncology Unit of SGCCRI. The division is further divided into a Clinical Studies Division which coordinates clinical drug trials, interventional clinical trials, molecular biology, and basic cancer Research Trials. The other part looks after epidemiological Research and is responsible for creating the Hospital Based Cancer Registry.

The Governing Body appoints a Research Advisory Board, which meets periodically, and advises the Research Division and the Research Sub-committee on the direction of Research.

#### B.1.1. Sub Committees

- ❑ The Research Sub-Committee (RSC) is functioning well. The work load on this sub-committee has also increased considerably due to an increasing number of research proposals turning in from in-house faculties and various other Institutes and individuals.
- ❑ There have been no further changes in the members of The Research Advisory Committee.
- ❑ Our Institutional Ethics Committee (IEC) is fully functional. After the tenure of the previous committee, a new committee with induction of some fresh members as per guidelines of the statutory authorities was formed. The IEC continues to operate on the Standard Operating Principles (SOP) as per ICMR and GCP (Good Clinical Practice) Guidelines. A number of project and research proposals have been passed through the IEC with or without modification.
- ❑ The Clinical Trial Unit of the Division of Research looks after the assessment, execution and reporting of the clinical trials. One trial has been successfully concluded; a few are continuing and a few more proposals are under consideration.

#### B.1.2. Recognition

- ❑ The Department of Scientific & Industrial Research (DSIR), Government of India recognizes this Institute as a “Scientific & Industrial Research Organization (SIRO)”. As a result of this recognition, donation to the scientific activities of this Institute qualifies for exemption u/s 35(1)(ii) of Income Tax Act, 1961.



- ❑ SGCCRI has become a member of Star Alliance of National Institute of Biomedical Genomics (NIBMG), Kalyani – an Institute under Division of Biotechnology, Govt of India. A HPV DNA Lab has been established as a result of this alliance at the premises of SGCCRI in recognition of its Research Potential on HPV and HPV-related cancers.(appendix II). A MOU was signed with Indian Institute of Chemical Biology (IICB) for regular collaborative Basic Research work on 4th March,2015.

### **B.1.3. Broad Heads of Activities**

The activity of Division of Research can be broadly classified into 3 groups:

B.1.3.1. Research on Cancer Epidemiology and Cancer Registry.

B.1.3.2. In-house and multi-centric clinical studies.

B.1.3.3. Basic Research on Cancer.

#### **B.1.3.1. Research on Cancer Epidemiology & Cancer Registry**

Some of the studies are done in collaboration with National Cancer Registry Programme (NCRP) of Indian Council of Medical Research (ICMR). Some studies are entirely in-house where a number of our own faculties take active part in planning and execution. Studies that are presently undertaken include:

#### **❑ PBCR Kolkata**

This Institute serves as the major collaborator to Population Based Cancer Registry (PBCR) of Kolkata since its inception in 1997 at Chittaranjan National Cancer Institute (CNCI). Since 2005, NCRP-ICMR has started to sponsor this PBCR. CNCI, the Regional Cancer Centre (RCC) and this Institute now jointly carry out this program. The Director of CNCI is the Principal Investigator while the Co-Principal Investigator is from this Institute.

#### **❑ Pattern of Care Study (Hospital Based Clinical Cancer Care Registry)**

Earlier, This Institute had taken up a pilot work of Pattern of Cancer Care Study (POCCS) program of NCRP. Some of our departments have already taken up pilot studies to assess feasibility of initiating such program in this Institute.

#### **❑ Hospital Based Cancer Registry (HBCR)**

Since its inception, this Institute is maintaining its own patient data in a very basic data format. For the last few years, the service is partly computerized. This Institute is increasingly feeling the need of an International HBCR format. It is now trying to develop a unique format suitable for this Institute.



### **Cancer Surveillance Program**

Cancer is now a reportable disease in our State. However, the present health infrastructure is not sufficient to form a population based cancer registry for the entire State. Hence, a cancer surveillance program has been initiated. This Institute is a part of this program. Social Workers from the nodal Institute (CNCI) collects necessary data from our centre.

#### **B.1.3.2. Inhouse and multi-centric clinical studies.**

Some of the important multi-centric Clinical studies are as follows:

##### **Global ATLAS Project**

This is a global multi-centric randomized trial with The International Co-ordinating Center at Oxford,UK. This Institute is participating in this project since the inception of the project in 1997. The trial tries to establish the optimum duration of usage of the drug Tamoxifen (an anti-estrogen) in females with breast cancer.

##### **Study with TEMOZOLAMIDE**

This is a multicentric, randomized bioequivalence study on the drug Temozolamide in Glioblastoma multiforme.

Various other in-house clinical studies are in progress.

#### **B.1.3.3. Basic Research on Cancer.**

A basic Molecular Research Laboratory was inaugurated by **Sri Sushim Mukul Dutta** with a grant from Sri Sri Mohonananda Brahmachari Cancer Trust (UK) on 5th December, 2015. It is headed by Prof Sushanta Roychoudhuri, formerly of IICB, Kolkata.

Collaborative projects with other Institutes like Indian Institute of Chemical Biology, National Institute of Biomedical Genomics, Calcutta University etc have been conducted during this period. Some of the studies are on-going/ completed while some are ethically cleared and yet to be initiated.

- Studies on Non-hereditary Pediatric Colorectal cancer: With NIBGM, Kalyani..
- Genetic studies on chemotherapy resistant breast cancer with University of Calcutta.
- Studies on HPV 16 on Cervical cancer Pathogenesis: With NIBGM, Kalyani.
- Studies on HPV in Head & Neck Cancers: In-house study with help from NIBGM.
- Studies on certain biomarker positivity in gastric adenocarcinoma: In-house study with overseas technical collaboration.
- Studies on MMPs in Ovarian cancers: With IICB, Kolkata.



- ❑ DNB research projects: every year, 3 academic research studies are conducted as part of their thesis programme.

### Other short-term projects

Post graduate students from various Institutes come to this centre for short term projects and dissertation work. A number of such projects have been successfully completed.

A number of faculty members of SGCCRI have been honored by different learned bodies and societies. They have participated and chaired in different conferences and seminars. A number of scientific communications have been published to their credit.

### CANCER CONTROL PROGRAMS / CANCER AWARENESS CAMPS , 2015

SL.NO.	DATE	CO-ORGANISORS	PLACE	SERVICE
1	04.01.15	Jayita Chatterjee Smriti Raksha Committee	Barasat	Awareness camp
2	17.01.15	Artist, Somnath Chowdhury	Tulika Art School North Kolkata	Awareness Camp
3	04.02.15	We Can Cancer Cannot	SGCCRI	Awareness Camp
4	08.02.15	Barisha Santi Sangha	Barisha	Awareness Camp
5	22.02.15	Dr.Maitreyee Chakraborty Databya Achhi	Bidhannagar	Awareness Camp
6	08.03.15	Sathi Unnayan Samiti	Behala, Bokultala	Awareness Camp
7	13.03.15	Manbhum Ananda Ashram Nityananda Trust	Press Club	Nicotine Replacement Interaction Session
8	20.03.15	Price Waterhouse Coopers	Salt Lake, Sector - V	Awareness Lecture of Smoking
9	02.04.15	MESCAB, Wires & Cables	Kalamandir	Awareness Programme
10	09.05.15	Gabberia Yayabar Natya Sanstha	South 24 Pgs	Awareness Programme



11	31.05.15	Baganoapara Health Subcentre	Akra	No Tobacco Day Lecture
12	02.06.15	Pepsico	Dhulagarh	Anti- Tobacco Day Lecture
13	06.06.15	Hindustan Unilever Factory	Garden Reach	Anti Tobacco Lecture
14	24.06.15	Bhalo Achhi, Narcotic Cell of Kolkata Police	Parnasree	Anti Drug Awareness Camp
15	12.07.15	Niramoy Kendra	Sarshuna	Awareness Camp
16	26.07.15	Ramakrishna Sarada Mission Saradamath	Dakhineswar	Awarenee Lecture
17.	08.08.15	Laxshmpat Singhania School	Alipore	Awarenee Lecture
18	28.08.15	Sunny Preparatory & High School	Behala	To help the poor paediatric patient
19	30.08.15	Uttaran Sanskriti Mancha	Basudevpur, Kolkata	Awareness Lecture
20	07.09.15	Hitabрати Geetanjali	S N Banerjee Road	Awareness Lecture
21	11.09.15	Calcutta University	Ballygunge Circular Road	Awareness Lecture
22	18.09.15	Miracalus	SGCCRI Premises	Childhood Cancer Awareness Month Campaign
23	04.10.15	Panchanantala Nagarik Brinda Club	Belgharia	Awareness Camp
24	09.10.15	MANT, Kolkata	Hotel Hindustan International	Awareness Camp
25	14.10.15	Reserve Bank of India	Netaji Subhas Road	Awareness Camp
26	06.12.15	Math Bisnupur	Midnapur	Screening Camp
27	12.12.15	Lions Club	Deshapriya Park	Awareness Camp
28	20.12.15	Heritage School	Ghatshila	Health Awareness Camp



## B.2. Academic Activities

### PhD Programme

This Institute is recognized by University of Calcutta, Burdwan and Jadavpur for Ph.D studies in Oncology and allied subjects.

### DNB (Diplomate National Board) Program

The National Board of Examinations (NBE) recognizes this Institute for training in Radiation Therapy and Surgical Oncology.

DNB (Surgical Oncology – Super Specialty): 2 students per year. Both of this year's students, Dr S K Bala and Dr Inderdeep Singh passed theory examinations. Their oral and practical examinations are scheduled later this year.

### Paramedical Courses

This Institute conducts 2-year diploma courses in Paramedical sciences recognized by the State Medical Faculty of West Bengal (WBSMF). We conduct the following 3 courses:

- Diploma in Laboratory Technology (DMLT-Tech)
- Diploma in Radiography (DRD-Tech)
- Diploma in Radiation Therapy Technology (DRT-Tech)
- Diploma in Operation Theatre Technology (DoTT)

In the current year, 10 DMLT-Tech, 4 DRD-Tech, 4 DRT-Tech and 4 DoTT students have been admitted. All the courses are running smoothly.

### CME Program

Since March 2006, this Institute is organizing CME programs regularly on every Thursday for the benefit of Faculty and DNB trainees. Apart from in-house faculty members, several guest speakers have delivered lectures on various topics on advanced oncology. The following table gives the number of such CMEs since its inception.

Period	No of CMEs
March 2006	5
April 2006 – March 2007	46
April 2007 – March 2008	48
April 2008 – March 2009	43
April 2009 – March 2010	43
April 2010 - March 2011	45
April 2011 – March 2012	49
April 2012 – March 2013	49



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April 2013 – March 2014	46
April 2014 – March 2015	46
<b>Total: 109 months</b>	<b>420</b>

Admission is free for any member of the Oncological fraternity. The CMEs have become very popular. Detailed reports are regularly published in the Bulletin of the Institute.

### **SGCCRI Bulletin**

This Bulletin contains good scientific articles in various fields of Oncology and related subjects. The academic and scientific activities of SGCCRI are regularly published in these bulletins. Till date, 13 issues have been published.

### **Library**

- This Institute's Central library is located in the Audio-Visual Complex. The service is computerized. Readers have access to Internet from this library. It stocks books and journals on Oncology and allied subjects including nursing and medical technology. The library operates on the norms as laid down by the NBE. The representatives of NBE regularly inspect it. Apart from the Central Library, different departments also stock books and journal for regular day-to-day reference. The Central Library also stocks popular books (fiction and non-fiction) for the use of the patients.

### **Academic achievements:**

- Dr Sanghamitra Jena, one of our DNB Surgical Oncologists, won the 1st Prize for Poster Presentation at ICON Oncology Conference at Patna held in March, 2015. She has also been selected during Poster Presentation at IASO conference in Bhubaneswar in September, 2015 to present at the SSO conference in USA.
- Dr Rakesh Roy and Dr Abhijit Sarkar have cleared their **Reaccreditation** Examinations with flying colours during the recently held European Society of Medical Oncology (ESMO) programme.
- Dr. Samir Bhattacharyya successfully completed his training as a Fellow of the Indo American Cancer Association, **Detroit**, USA.
- Dr Arnab Gupta was given the honour of delivering Prof. K. Krishnamurthy Oration in ASICON 2015 held in Delhi in December, 2015.
- The Centre has been recognized again by European Society of Medical Oncology as a Centre for Palliative Care Training.
- The Centre has also been recognized by The Royal College of General Physicians (London) for 1 year Training Programme in Palliative Care. Dr Hannah Kilner has already successfully completed her training and at present Dr Sarah Price is undergoing training in the same Department.



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## OBITUARY

### DR. AMIYA PROSAD MAJUMDAR (FM 18)



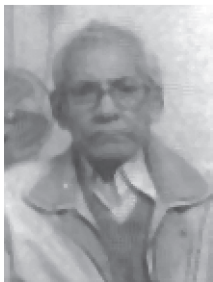
Born on 14.11.1931, he became a very well known surgical oncologist after graduating from R.G. Kar Medical College.

He was a founder member of this society. He passed away on 5.4.2015. During his lifetime he won innumerable awards and was also invited as speaker at several conferences.

May his soul rest in peace



### MR. NIRANJAN KUMAR DUTTA (FM 22)



Born on 18th December, 1930, Mr Dutta was a very soft spoken person, and a very close childhood friend of our Founder, Late Dr Saroj Gupta.

He was a founder member of our society. He had been closely associated with the Hospital from the beginning. An accomplished scholar, he had won many accolades.

He chose to be a bachelor throughout his life, became a Cost Accountant and had worked dedicatedly in Bansberia Jute Mill and later as a Vice President, Finance in Delta Jute Mill.

He generously donated to our hospital before he passed away on 27th Dec, 2012. Unfortunately we had not received any communication of his demise till recently.

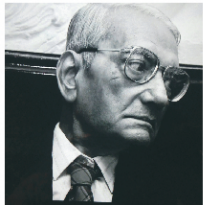
We mourn his passing away and pray for his soul.





## OBITUARY

### DR. PRAVASH CHANDRA SENGUPTA (FM 39)



Born on 31st March, 1927, Professor Sengupta was a renowned Gynaecologist in Kolkata and also a very close associate of Late Dr Saroj Gupta with whom he had worked at RKMS hospital for a long period. He was one of the Founder members of our society. He was an Ex-Professor and head of Gynaecology and Obstetrics, department of Vivekananda Institute of Medical Sciences till 1998 and also a very reputed teacher at Calcutta University ObG department. He had many published papers to his credit in both Indian and International journals and was chief editor in various textbook publications. Throughout his professional life he was in close touch with this Hospital and helped in many ways including raising funds from various sources.

We lost him on 15th July 2015. With his passing away we have lost a philanthropist and an ardent well wisher of this Institute.

We pray for peace of his departed soul.

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### MR. ABHOY KUMAR CHAKRABORTY ( LM 94)



Mr. Chakraborty who originally hailed from Howrah District passed away peacefully at 83 years of age on 5th December 2015 at his home in Kestopur, North 24-Pgns. Having passed his Masters in History from Calcutta University he had worked in the Audit and Accounts department of the Central government till his retirement.

Writing came very naturally to him and this resulted in a number of publications in various magazines and books. His last published book was called "Aparahne". A born traveller, he enjoyed an association with various companies and was extremely skillful in woodwork.

His association with this Hospital generated various donations both from his associates and also from his own establishments. He was closely associated with our founder Late Dr. Saroj Gupta. With his demise, we lost a true friend and well wisher of our institute.

We all pray for his departed soul.



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## OBITUARY

### Mr. HIRAK DAS SARMA (LM 36)



Born on 12.08.1942, in a middle class family, his father was a doctor and mother was home maker. He was a pharmacology graduate from Jadavpur University and was attached with East India Pharmaceutical Works Ltd. Mr. Das Sarma was a life member and well wisher of our Institute. He was also attached with Rotary Club, Behala.

He passed away on 09.06.2014.

May his sould rest in peace.

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### III. TIE-UP ARRANGEMENTS

We cater to the entire cross section of the society of this country and some of the neighboring countries. Satisfied with the excellence of service of this Institute, various authorities have executed tie-up arrangements with us. With this arrangement, they can refer their patients directly to us for treatment. Notable among them are:

#### Group 1

- 1.1 West Bengal Health Scheme.
- 1.2 Ex-Servicemen Contributory Health Scheme (ECHS).
- 1.3 Employees State Insurance Corporation.
- 1.4 Sashashtra Seema Bal, Ministry of Home Affairs, Govt. of India.
- 1.5 CISF, NE Zonal Headquarters, Kolkata.
- 1.6 Border Security Force, 18th Battalion Headquarters, Kolkata.
- 1.7 Airport Authority of India.
- 1.8 South Eastern Railway.
- 1.9 Reserve Bank of India, Kolkata.
- 1.10 Indian Museum
- 1.11 Geological Survey of India
- 1.12 Anthropological Survey of India.
- 1.13 Indian Institute of Chemical Biology.
- 1.14 Indian Association for the Cultivation of Science.
- 1.15 RRMC, Kolkata.

#### Group 2

- 2.1 National Thermal Power Corporation Ltd.
- 2.2 Indian Oil Corporation Ltd.
- 2.3 Steel Authority of India Ltd.
- 2.4 Oil & Natural Gas Corporation Ltd.
- 2.5 Haldia Dock Complex, Calcutta Port Trust.
- 2.6 Damodar Valley Corporation.
- 2.7 Hindustan Copper Ltd.
- 2.8 Shipping Corporation of India.



- 2.9 Coal India Ltd.
- 2.10 Oil India Ltd
- 2.11 Garden Reach Ship Builder & Engineers Ltd
- 2.12 Kolkata Port Trust and Haldia Dock Complex
- 2.13 MECON

**Group 3**

- 3.1 CESC Ltd.
- 3.2 Hindustan Lever Ltd.
- 3.3 ITC Limited.
- 3.4 Woodland Multispecialty Hospital Ltd.
- 3.5 Tata Motors Ltd.

**Group 4**

- 4.1 Preferred Provider Network (PPN) system of Health Insurance.
- 4.2 Family Health Plan Ltd
- 4.3. Gennins India Ltd.
- 4.4 Medicare TPA Services (I) Pvt. Ltd.
- 4.5 MD India Health Care Services (TPA) Pvt. Ltd.
- 4.6 Heritage Health Care (TPA).
- 4.7 Medi Assist
- 4.8 HDFC ERGO
- 4.9 ICICI Lombard
- 4.10. Medsave
- 4.11 Paramount TPA
- 4.12 E Meditek
- 4.13 Dedicated Health Care Service
- 4.14 HDFC Cancer Care
- 4.15 Tata AIG
- 4.16 Kotak Mahindra
- 4.17 Vipul Med Corp
- 4.18 Health India TPA
- 4.19 United Health Care TPA
- 4.20 Star Health & Allied Insurance
- 4.21 Grand Health TPA
- 4.22 Universal Shampoo
- 4.23 Health Insurance TPA
- 4.24 Alankit Health TPA



## ACKNOWLEDGEMENT

- We thank Pallium India, Dr Sankha Suvra Mitra (UK), Indo-American Cancer Association, Global Cancer Concern India (GCCCI), Global Access to Pain Relief Initiative (GAPRI) and others who helped us for our Palliative Care Initiative. We thank Dr S Qanungo and Dr Kathleen Cartnell and researchers from Medical University of South Carolina for beginning collaborative research projects with us. We thank the American Society of Clinical Oncology (ASCO) for conducting a workshop on palliative care.
- We acknowledge the patronage and spirit of cooperation from several Institutes with whom we carry out our Research Initiative. Notable among them are National Centre for Disease Informatics & Research (NCDIR) of Indian Council of Medical Research (ICMR), National Institute of Biomedical Genomics (NIBMG), Kalyani, Indian Institute of Chemical Biology, Calcutta, University of Calcutta, Cancer Foundation of India, University of Oxford (UK), Indian Institute of Technology, Kharagpur etc.
- The Regional Radiation Medicine Centre (RRMC) of Variable Energy Cyclotron Centre (VECC), Department of Atomic Energy (DAE) that operates in close cooperation with this Institute (SGCCRI & RI) renders the Nuclear Medicine Services to our patients. The management acknowledges the service with thanks.
- We thank M/S Eko Diagnostic Private Limited who collaborated with us in running a PET-CT / MRI Unit in our premises.
- Mr. Satya Narayan Ray from USA has been very kind to fund major part of the expenses for the civil construction of PET-CT MRI building in memory of his wife Mrs. Sumitra Ray. **Last year he donated Rs.65 Lakhs as the first installment of a total committed amount of Rs. 3 Crores to dedicate the Linac block in his own name.**
- Previously, a Radiotherapy Simulator & a new Cobalt-60 Teletherapy Unit (Bhabatron - II) [manufactured under Bhabha Atomic Research Centre (BARC)] along with its source was donated by BARC, Department of Atomic Energy (DAE), Govt. of India. DAE has provided grant for replacing the source Theratron Cobalt-60 machine. We acknowledge with thanks this noble gesture of the DAE.
- We thank Indian Oil Petronas Pvt Ltd for providing grant towards acquiring a 16-slice CT Scan machine. We are deeply grateful.
- Sri Sri Mohonanda Brahmachari Trust donated 30 Lakh rupees from their cancer fund towards establishment of a Basic Molecular Research Laboratory here.
- Braithwaite Burn & Jessops Construction Company and Larsen & Tubro Ltd. (ECC Division, Kolkata) have helped us in procuring new equipments for patients' services.



- We are grateful to Zee Bangla for inviting our child cancer patients in their reality programmes like "Mirakkel", "Didi No.1", "Sa Re Ga Ma" and "Dada Giri". Previously, they donated Rs. 10 Lakh rupees through Sourav Ganguly & Mir to help poor paediatric patients.
- We regularly receive support from UK residents like Dr. Sankha Suvra Mitra, Dr. Yajati Ghosh, Dr. Chandrani Ghosh, Dr. Shilajit Ghosh, Mr. Nirmal Dasgupta, Mrs. Christine Basu & Dr. Chittaranjan Choudhury.
- We are also grateful to Volkart Foundation for **their** regular donations
- Our BMT unit, which was funded by our Trustee Mr. S. S. Mukherjee, in memory of his wife is running successfully. We are grateful to him and his family for this major contribution.
- We thank Price Waterhouse Coopers India – Service Delivery Division for donation of various medical instruments.
- Various organizations and groups help the children of our pediatric oncology department. Notable among them are Jiv Daya Foundation (an NGO in Texas, USA), Rotaracts and different Rotary Clubs of Dist 3291, Lions' Club, Desham, Smile, Walt Disney Outreach, Make a Wish Foundation, Pepsico, Resurrection, Care & Concern, Suchetana, Bansi Vidya Charitable Trust, We can cancer cannot, Indian Cancer Society, Cankid, Sarani, ILS, Inerwheel Club & AIWC.
- We thankfully acknowledge the patronage of different concerns, pharmaceutical and medical equipment companies who actively participated in various seminars, conferences and CMEs organized by this Institute.
- We would also like to extend our thanks to various Government Ministries, Directorates, Departments, Local Bodies and agencies that have rendered immense help for the welfare of this Institute.
- Our poor patients have been regularly getting financial aid from Governor, Chief Minister, Health Ministry of West Bengal & more recently from our Prime Minister's office, New Delhi.
- Thousands of individuals have voluntarily donated blood to our Blood Bank to help the ailing cancer patients. We are overwhelmed with the continuous support of the voluntary donors who stand by our side in our fight against cancer.
- Since our inception, we are privileged to receive donations in money or in kind from hundreds of individuals and groups from society. The patronage continues. We offer our heartfelt thanks to them.
- It will be inappropriate if we fail to thank all the employees of this Institute who work tirelessly to help the unfortunate patients and their relatives with smiling faces and helping hands.
- Finally, we express our deep appreciation for the support of the patients and their families who made our endeavor meaningful.

Place: Kolkata  
December 15, 2015

Mr Jayanta Chatterji  
President

Mr Anjan Gupta  
Secretary



## An Appeal

As you may know, **SAROJ GUPTA CANCER CENTRE & RESEARCH INSTITUTE (SGCC&RI)**, formerly known as **Cancer Centre Welfare Home and Research Institute (CCWH&RI)**, Thakurpukur, is a philanthropic organization dedicated to providing cancer management at a affordable cost along with carrying on cancer based research activities. It was built under the leadership of **Dr Saroj Gupta** with the main aim of serving the underprivileged people. With the help from people of different walks of life- from school children to celebrities, from daily wage earners to the affluent, the 12 acres of marshy land in 1973 now boasts of a 310 bedded fully comprehensive cancer hospital, not deviating from its main objective of serving the poor with 20 % free beds and 50% General beds. As advancements are regularly taking place in the field of Oncology especially in Diagnostics and treatment modalities, it is important that we constantly upgrade our services so that the cancer patients get the best of facilities at affordable costs.

### Some of our charitable endeavours:

- ◆ About 50,000 patients are seen in the OPD FREE of cost.
- ◆ Fifty percent of our beds are General ones with No Doctors Fees, subsidized investigations & treatment.
- ◆ Twenty percent of our adult beds are made FREE.
- ◆ 50-70% of our Paediatric beds are made FREE.
- ◆ Medicines are provided at 20%-30% discounts.
- ◆ We run Free Palliative Care Services for terminally ill patients from OPD, In-patients and Home care. Morphine & some general medicines are provided FREE.
- ◆ Regular discounts are given to needy patients even after all the subsidy.
- ◆ Free support clinics- Stoma Clinic, Laryngectomy Clinic, Breast Cancer Support, Psychological Counseling etc.

### An Appeal :

Considering the financial constraints of a **not-for-profit-organization** like ours, we appeal for funding/ donations for the upcoming projects so that we can provide these services to our patients at an affordable cost. Your help and contribution will make a huge difference in the up- gradation of Cancer management and Cancer treatment. **It may be relevant to mention, each donation is exempt from Income tax according to IT act of India under Sec 80G and 35 (I) (ii).** Appropriate acknowledgement of donations would be made suitably in the name and style desired by the Donor. Our Institute is accredited by Tata Institute of Social Science (TISS) for receiving CSR grant and other donations.



**Electronic Clearing Service (Credit Clearing)  
Model Mandate Form**

**(Vendor / Customer's option to receive payments through Credit Clearing Mechanism)**

1.	VENDOR / CUSTOMER'S NAME	SAROJ GUPTA CANCER CENTRE & RESEARCH INSTITUTE
2.	VENDOR / CUSTOMER'S ADDRESS	MAHATMA GANDHI ROAD, THAKURPUKUR, KOLKATA – 700063, WEST BENGAL.
3.	TELEPHONE No.	(033) 2453-2781/82/83, 2467-4433/8001/03, (033) 2467-8002 (FAX).
4.	E-mail ID	cancercentre6@gmail.com cancerwelfare@yahoo.co.in
5.	PAN NO.	AABAC0412E
6.	<b>PARTICULARS OF BANK ACCOUNT:</b>	
A.	NAME OF THE BANK	UNITED BANK OF INDIA
B.	NAME OF THE BRANCH	CANCER RESEARCH INSTITUTE BRANCH
C.	BANK'S ADDRESS WITH PIN CODE	MAHATMA GANDHI ROAD, THAKURPUKUR, KOLKATA – 700063, WEST BENGAL.
D.	TELEPHONE NUMBER OF BANK (INCLUDING STD CODE)	033-2453-2500
E.	9 DIGIT CODE NO. OF BANK & BRANCH APPEARING ON THE MICR CHEQUE ISSUED BY BANK	700027301
F.	IFSC CODE	UTBIOCRIF49
G.	TYPE OF ACCOUNT	CURRENT ACCOUNT (Code No.13)
H.	ACCOUNT NO. (AS APPEARING ON THE CHEQUE BOOK)	1491050011635

In lieu of the Bank Certificate to be obtained as under, please attach a blank cancelled cheque or photocopy of a cheque or front page of your Savings Bank Passbook issued by your Bank for verification of the above particulars.

PLACE:

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SIGNATURE OF THE PARTY / AUTHORISED SIGNATORY

DATE :

CERTIFIED THAT PARTICULARS FURNISHED  
ABOVE ARE CORRECT AS PER OUR RECORDS.

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SIGNATURE OF THE AUTHORIZED OFFICIAL FROM THE BANKS