

BANGLADESH SOCIETY OF RADIATION ONCOLOGISTS BSRO

**The only national professional
organization of Radiation Oncologists**

Established -1994

**Office- Department of Radiotherapy,
Dhaka Medical College Hospital**

PRESENTED BY

Dr. Golam Mohiuddin Faruque

General Secretary

Bangladesh Society of Radiation Oncologists BSRO

Work Place: Department of Radiotherapy, Dhaka Medical College
(oldest and biggest public medical college hospital of Bangladesh)

Designation : Professor and Head Radiotherapy


Dr. Qazi Mushtaq Hussain

Publicity Secretary BSRO, Associate Professor,
Department of Radiotherapy Dhaka Medical College


MEMBERS

- ▶ 1994—55 in number
 - ▶ 2002---82 in number
 - ▶ 2010—98 in number
 - ▶ 2015---110 in number
 - ▶ All members are life member and having post-graduation in Radiotherapy/Radiation Oncology
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MISSIONS

- ▶ To develop skill and acquaintance of newer technology in the field of radiation oncology
 - ▶ To promote recent education and current practice of radiation oncology
 - ▶ To improve the services of oncology field
 - ▶ To encourage continuing medical education and create platform for interaction between experts and fellow members
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OBJECTIVES

- ▶ To establish the right and dignity of radiation oncologists of the country
 - ▶ To define accuracy of cancer control and management strategies of present and future
 - ▶ Exchange of expertise and Technology - home and abroad
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BURDEN

- ▣ World-20.4 million people are living with cancers.
In 2020 , 15 million people will die from cancer
- ▣ Bangladesh – presently total number about 1.2 million
- ▣ Every year adding .2 million with current number
- ▣ IARC- 7.5% cancer death in Bangladesh in 2005 which will rise- 13% in 2030
- ▣ Economic burden- 66% of cancer patients are between 30 to 60 years who are income generating group of the family in Bangladesh

NICRH 2008-2010 MALIGNANCIES

*Male :15,292 (56.1%)

Lung-28.4%, Oesophagus 6.1%, Stomach 5.1%, Liver 4%, Larynx 3%, Gall bladder 2.2% Rectum 2%, U.Bladder 1.8%, Tonsil 1.8%,
Pyriform fossa 1.6%

*Female : 11,989 (43.9%)

Breast-26.%, Cervix-21.1%, Lung 5%, Ovary 3.5%, Oesophagus 3.3%, Stomach 2.7%, Gall bladder 2.6%, Uterus 2.2%, Liver 2.2%
Cheek- Buccal mucosa 2.1%

PEDIATRIC CANCERS IN DIFFERENT INSTITUTES

- ▶ BSMMU (2006)-leukemia 197/ lymphoma-52/ Wilms' tumor-14/ hepatoblastoma-10/ Rhabdomyosarcoma-10
- ▶ RT Department DMCH (2006)-lymphoma -50/retinoblastoma-49/ALL-48/CNS-30/Bone-25
- ▶ Dhaka Shishu Hospital (2002-2007)-ALL 203/NHL-67/Wiims'-41/HD 15/Neuroblastoma15/AML-14

CENTERS WITH RT FACILITIES IN THE COUNTRY

▶ Government:	10 Centers
▶ Private:	05 Centers
▶ Combined Military Hospital:	01 Center

▶ Total:	16 Centers.



TREATMENT AT RADIO THERAPY DEPARTMENT OF DHAKA MEDICAL COLLEGE HOSPITAL 2011/ 2014

- ▣ Total number of patients attended- 14,661 (New male - 2839, old 5568 female new 2117 old 4639)
- ▣ Total number of patients received Radiotherapy(2011)- 2400 and (2010) 2200
- ▣ Everyday this year (2014)new old patients receiving radiotherapy about 280
- ▣ So far 3D-CRT treatment -68
- ▣ Revenue collected (2009-2010)1,05,50,000 taka

EDUCATION

- ▶ Discipline established : 1958 as Radiotherapy Department
Dhaka Medical College Hospital
- ▶ Father of Radiation Oncology : Prof. Sayyid Fazlul Haq
- ▶ First UK based Diploma In Medical Radiotherapy DMRT Prof. SF
Haq
- ▶ Course of DMRT first batch – Two in 1967
- ▶ Two Legends FRCR- Prof. MN Huda, Prof. ABMF Karim

INSTITUTES OFFERING CERTIFICATE COURSES

- ▶ Dhaka University/ IPGMR – Courses were DMRT (two years), M.phil Radiotherapy (three years), MD Radiation Oncology (Five years residency/ non-residency)
- ▶ At present BSMMU : MD Clinical Oncology (five years course Residency/ Non-residency)
- ▶ At present NICRH : MD Radiation Oncology (five years course)

CONT.

- ▶ BCPS : started its journey in late 80 and First Fellow of College of Physician and Surgeons (FCPS in Radiotherapy) 1988.
- ▶ At present BCPS : offering 4 year FCPS course and one year MCPS course
- ▶ At present Rajshahi Medical College (outside Dhaka) running a course under BSMMU

COURSE CONTENTS

- ▶ Almost in all certificate courses : Part One : Radiation Physics, Radiobiology, Electronics, Basic sciences, Nuclear Medicine
- ▶ Almost in all certificate courses : Final part : All concerned of Radiotherapy planning and its execution, Clinical-Pathological-treatment approaches of system wise malignancies

RADIATION ONCOLOGY: RESOURCE PERSONS

- ▶ Radiation Oncologists : around 120 (every year adding 4-5 postgraduates)
- ▶ Medical Physicists : Bsc 25 (4year course) Msc 17 (two year course) every year about 4 persons are adding to current number
- ▶ Radiation Technologist : at present total number 300 and every year 20 persons are obtaining 4 years course certificate.

BSRO ACTIVITIES REGULAR AND RECENT PAST

- ▶ Actively participates as member of National Cancer Control Program of Bangladesh
- ▶ Publishing the official scientific journal- BSRO Journal
- ▶ Organize National and International conference
- ▶ Helping in preparing and persuasion of creating new posts in different public institutes
- ▶ Two weeks local training program for young radiation oncologists
- ▶ Seminar with different professional bodies and pharmaceutical companies
- ▶ Cancer awareness program with different voluntary organizations
- ▶ Prepared a Teaching Module with the help of NPT of IAEA
- ▶ Contribute in the recent visit of imPACT---integrated mission – Programme of Action for Cancer Therapy organized by IAEA

Thank You Very Much

