



AROI

Association of Radiation Oncologists of India

President: Dr Mohan Chand Pant

Secretary General: Dr Rajesh Vashistha

Presentation for FARO

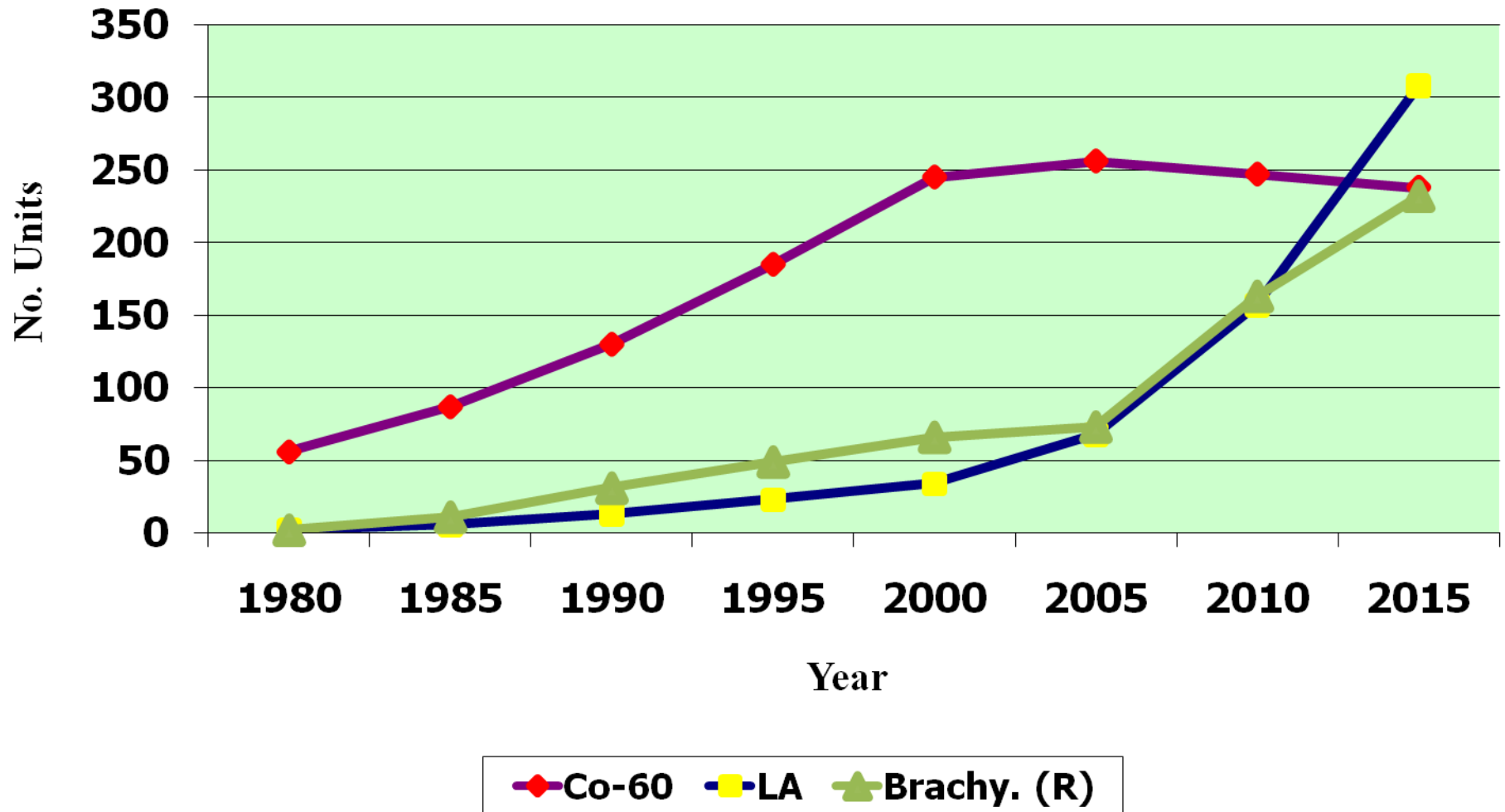
Dr GV Giri Chairman ICRO

Dr SN Senapati: Secretary ICRO

Dr Ramesh Bilimagga: Past President AROI (2012-2014)

Dr Shyam K. Shrivastava, Past President AROI (2006-2008)

Radiation Therapy Units in India: Expansion



Status of Radiotherapy in India

Radiotherapy Centres 373

Teletherapy Units 552

■ ⁶⁰ Co Teletherapy	227
■ Accelerator	308 (IGRT-142)
■ GammaKnife	08
■ Tomoth./Cyberk/SuprGm (3+5+1)	09

Mevatron-, Primus-, Oncor-, Artiste-
SL-, Precise-, Synergy-
Clinac-, Trilogy-, Novalis-
Siddharth-, Mitsubishi-, Other-
Tomotherapy-, Cyberknife, SuperGamma



Simulators: 156

Proton Therapy: 2 (proposed)

Brachytherapy facilities

■ RAL	
■ Remote HDR	233 (IORT=2)
■ Remote LDR	14
■ Manual	
■ Cs-137 intracavitary	52
■ Ir-192 interstitial	20
■ Sr-90, Ru-106, I-125	48



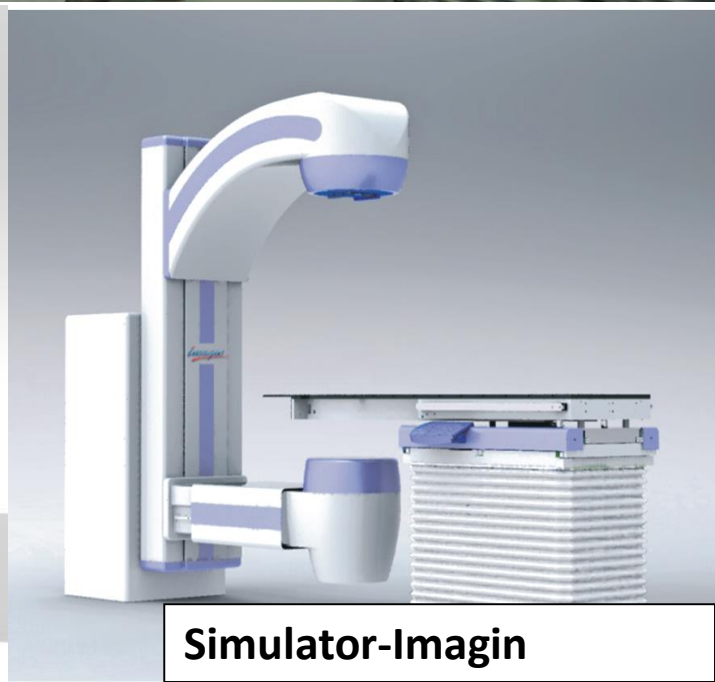
Bhabhatron II



Siddhartha



HDR Brachy



Simulator-Imagin

БҮГД НАЙРАМДАХ ЭНЭТХЭГ
ЭРХЭМСЭГ НОЁН НАРЕГ
ХАВДАР СУДЛАЛЫН
ТУЯА ЭМЧИЛГЭЭНИЙ “БАБАТ
ГАРДУУЛАХ ЁСЛОЛ



НАВНА... МАСН
...E M... AR
...IN... THE
...CER

БААТ
...I 5 CA
ANBA
MAY 2

Donated to Vietnam,
Canthow Hospital
through
IAEA-PACT program



IAEA Director General Dr Y Amano

***Bhabhatron at ACTREC-TMC
(can work for few hours on Power
Back up)***

Medical Education PG courses

- Medical Council of India (MCI)
 - 1972 - Radio diagnosis & Radiotherapy
 - 1980 - Bifurcation of Radiotherapy
 - Degree - M.D Radiotherapy (MD-RT)
 - Diploma - Diploma in Radiation Therapy (DMRT)

- National Board of Examination (NBE)
 - 1982
 - Diplomat of National Board (DNB-RT)

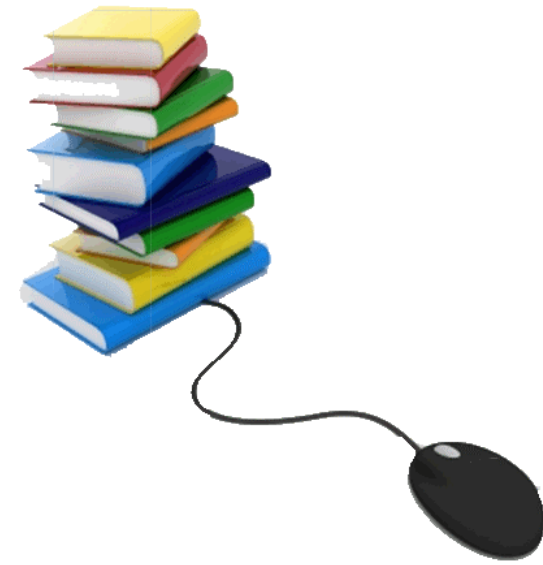


Medical Students: India

- Medical Colleges:
 - MBBS 398 (Govt: 183, Private 215)
 - MBBS 52305 students/Yr (Govt: 24935, Private: 27370)
- Post Graduation (Radiation Oncology/Radiotherapy)
 - Colleges 64 (Govt: 49, Private: 15)
 - MD 145 students/Yr (Govt: 152, Private: 46)
 - DMRT 23 students /yr (11 Colleges)
 - DNB 60 students/Yr (19 institutions)
- Selection by Common Entrance Test
 - All India level &
 - State level



Course Details



- DMRT – 2 yrs duration
 - MD & DNB - 3 yrs duration
-
- Overview and Basic Science of Radiation Oncology
 - Techniques, Modalities, and Modifiers in Radiation Oncology
 - Clinical Radiation Oncology
 - Palliative and Supportive Care
 - Economics, Ethics, and Technology Assessment.
 - Principles of Cancer treatments
 - Cancer screening
 - Cancer prevention
 - Etiology & Epidemiology of cancer
 - Pharmacology & Cancer Therapeutics
 - Specialized Techniques
 - Practice of Oncology

Radiation Oncology



- \approx 3000 certified radiation oncologists
- \sim 200 new added Annually
- Slowly Linac are replacing Cobalt.
- Target of 75% WHO guidelines to establish radiotherapy centers in 10-15 yrs
- EBM practice is encouraged





Teaching in AROI



- Indian College of Radiation Oncology (ICRO)
 - Enhance practical knowledge of radiotherapy
 - Teaching courses: Annually 3-4 programs
 - 2nd & 3rd yr Residency students
 - Fellowship program
 - Sponsor candidates of small centers to upgrade their knowledge & skills in well equipped higher centers
 - Workshops

ICRO-Teaching Course & Best of ASTRO etc.

Free Accommodation & Lunches provided

Travel cost by students



20th ICRO PG Teaching Program

Dates: 18th-19th July, 2015

To,

Course chairman:

Dr. P. Vijay Anand Reddy

Sr. Consultant, Professor & Head, Dept. of
Radiation Oncology & Director
Apollo Cancer Hospital

Phone: 9848020002

Email: cancercare@drvijayanandreddy.com

Course coordinator:

Dr. P. Vinitha Reddy

Consultant Radiation Oncologist
Apollo Cancer Hospital

Phone: 9849128090

Email: vinithapalwai@yahoo.co.in

This educational program is supported
by an unconditional grant from



ICRO

Chairman

Dr. G. V. Giri

Prof., Dept. of Radiation Oncology,
Kidwai Memorial Hospital, Bangalore
Mobile: 09342880379

Email ID: girishuba@gmail.com

Secretary

Dr. S. N. Senapati

Prof. & HOD, Dept. of Radiation Oncology,
AHRCC, Cuttack
Mobile: 94370 31718,

Email ID: snsenapati2007@gmail.com

Course chairman:

Dr. P. Vijay Anand Reddy

Sr. Consultant, Professor & Head, Dept. of
Radiation Oncology & Director
Apollo Cancer Hospital

Phone: 9848020002

Email: cancercare@drvijayanandreddy.com

Course coordinator:

Dr. P. Vinitha Reddy

Consultant Radiation Oncologist
Apollo Cancer Hospital

Phone: 9849128090

Email: vinithapalwai@yahoo.co.in



Indian College of Radiation
Oncology (ICRO)

wing of

Association of Radiation
Oncologists of India (ARO)

20th ICRO PG Teaching Program

Dates: 18th & 19th July 2015,

On

"Paediatric Cancers"

Organized by

Apollo Cancer Hospital,
Jubilee Hills, Hyderabad, Telangana 500 096



Current training challenges

- Multiple universities – Multiple curriculum
– Unified curriculum
- MD Radiotherapy to MD Radiation Oncology.



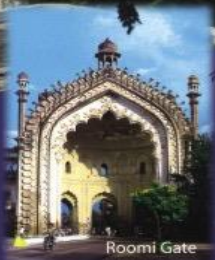
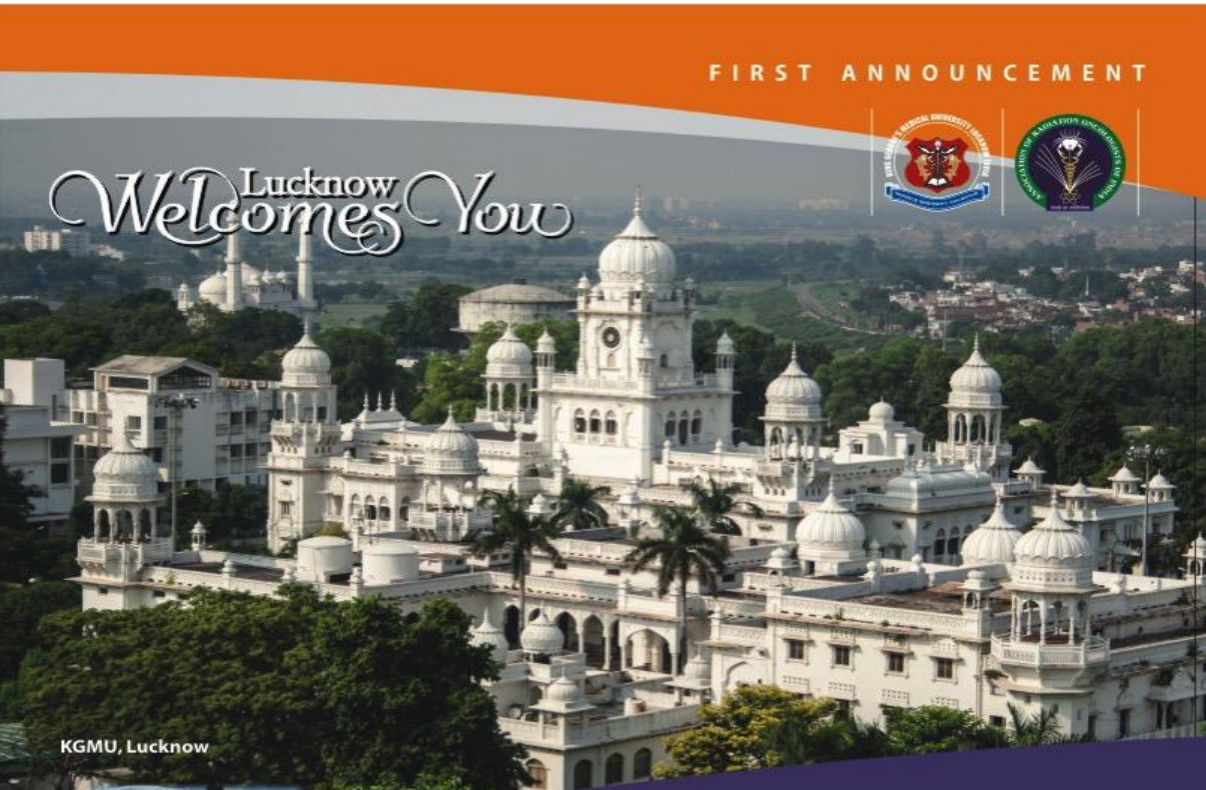


Future Directions

- 5 years course duration – award of DM degree
- First 2 yrs
 - cover teaching and clinical training in General Surgery, Internal Medicine, Gynecology, Pathology and Basics Sciences
- Next 3 yrs
 - General Oncology, Clinical Oncology with Radiotherapy and Medical oncology subjects

AROICON2015: LUCKNOW (UP) INDIA

26-29 November 2015



AROIcon'15
Lucknow, 26th - 29th Nov, 2015

37th Annual Conference of AROI
King George's Medical University, Lucknow, India





AROIcon'15
Lucknow, 26th – 29th Nov, 2015

Welcome

Dear Colleagues,

Greetings from the Association of Radiation Oncologists of India.

On behalf of the organizing committee of AROICON-2015, we feel privileged to invite you to the '37th Annual Conference of the Association of Radiation Oncologists of India' which will be held in Lucknow on the dates – 26th to 29th November, 2015. The conference is being organized by the UP Chapter of the AROI and is being hosted by the Department of Radiotherapy at the King George's Medical University, Lucknow.

The growing awareness of the cancer problem in India has resulted in an increasing availability of public funding and an exponential growth of radiotherapy treatment facilities. The ground realities and challenges of cancer care that confront us in our day to day work, are being addressed feebly and sporadically. This reduces our efficiency and effectiveness, resulting in poor returns for the effort and money that goes into it. Fundamentally, we lack systematic documentation of how we provide health care and have yet to embrace a culture of audits. Regardless of whether we work in a large organization, a clinic or solo practice, we have a choice of auditing the structure of healthcare of our workplace, the processes that we undertake in caring for patients and the outcomes in terms of patient well being which is the



Dr. M. C. Pant
Organizing Chairman
& President, AROI



Dr. Sudhir Singh
Organizing Secretary

ultimate focus of all that we do. Auditing provides valuable feedback on what can and should be improved and is the motivation for the theme of this year's annual meeting – 'Auditing Radiotherapy Practice'. The conference secretariat will reach out to each of you who wish to participate in this common and shared venture, ask you to present the data and deliberate on workable solutions.

The conference will also cover the entire length and breadth of the practice of radiotherapy, clinical oncology and holistic cancer care. Scientific events will start with the ICRO teaching sessions on the 1st day, with the main conference spread over two and a half days. The conference details will be updated regularly.

The weather in Lucknow in late November will be mild – 12°-25°C and comfortable. You are advised to bring light woollen clothing. There will be ample opportunity for sight-seeing, shopping, sampling Awadh cuisine and cultural programs to make your visit enjoyable and memorable.

We look forward to your gracious presence at AROICON-2015.

With warm regards

Organizing Committee,
AROICON 2015

Welcome
all
FARO
members

Free
Accommodation
& Registration
for
senior members

We invite Oral & Poster presentation from delegates



2nd Indian Cancer Congress

Insight Innovation Integration

8- 12 November 2017, Bengaluru, India

