

AROI Newsletter

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FROM THE OFFICE OF AROI

Dear All,
Greetings from AROI !!!

Finally we all met after long time at Delhi. The joy and affection has not only reminded the same but has also strengthened the bond amongst the AROI members. The new AROI executive committee is committed to set new academic goals and help the association grow many fold in coming years. Wish you all merry Christmas and a happy new year 2023.

Long Live AROI !!!



Dr. Rajesh Vashistha
Chair AROI



Dr. Manoj Gupta
President AROI



Dr. V Srinivasan
Secretary General AROI



Dr. S N Senapati
President Elect AROI

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Message



MESSAGE FROM DR. RAJESH VASHISHTA CHAIR - AROI



Dear Friends,

Wishing you and your family a very happy new year

I took the official charge as Secretary General in 2004 and then President in 2018. By God's grace and with the help of my seniors, colleagues, juniors, and friends in pharmaceutical companies, I feel blessed and happy to make some contribution to our fraternity and association. The moment I joined as secretary General, I pledged to improve the teaching conditions, training facilities available in India, the standard of the AROI journal, and the financial condition of the AROI. I think to some extent we have succeeded and I am sure you all will agree to me.

- For the PG students- **AROI-ICRO-SUN PG Teaching course**
- For young budding Radiation Oncologists-**Proadvance Teaching Course.**
- To understand radiobiology of tumour and normal tissue- **Radiobiology Course.**
- **AROI-ESRTO** teaching courses in advance technology, Gynaecology , Head and Neck Oncology, further advancements in education as of recently in European nations.
- To be updated on how the World is doing in Oncology nowadays – **Best of ASTRO**
- **Fellowships in INDIA** and **abroad** in different group of young and senior members to improve skill.
- Our Journal has an impact factor 1.33 and is now one of the best journals. It provides much knowledge to our members and it is a solid platform to publish their achievements.
- Today our association can run its fellowships and journals all on its own.

It would not have been possible without your constant support. There are others working behind the scenes. I am thankful from the bottom of my heart to those who has worked for me and Association without any allurements. Now new office bearers will take over the prestigious positions and I am sure they will take AROI to much more heights. I am with them to support. I wish them success.

If AROI rises then everyone will rise I wish everyone success in their endeavours and hard work.

Happy new year once again

A handwritten signature in black ink, appearing to read 'Rajesh Vashishta'.

Dr. Rajesh Vashishta

Chair-AROI

President AROI 2018-2022

Message



MESSAGE FROM DR. MANOJ GUPTA PRESIDENT - AROI



Dr. Manoj Gupta
Dean
Head, Radiation Oncology
AIIMS, Rishikesh

At the outset, I would like to extend my heartfelt thanks to all the honourable members of Association of Radiation Oncologists of India for showing their trust in me and elected me president of the biggest association among all oncological associations in India. I promise to live up to your expectation and will carry the legacy of my predecessor forward. One of my thrust focus will be how to improve the radiotherapy infrastructure in the country. We all know that there is a huge gap between demand and supply of radiotherapy equipment resulting into long

waiting list. This gap can only be narrowed down if every medical college (government and private) develop radiotherapy treatment facilities. This will not only benefit patients but will also create new jobs opportunities for our members and will encourage them to stay in the specialty. Many centers are having MD program without linear accelerator and I would like to get your valuable views on this issue. A new ESTRO AROI teaching program in head and neck cancer will start from this year beside two such programs which are already being conducted with international collaboration and we would like to have member's feedback about these activities so that further improvement can be done. I would like young Radonc to be more active in association's activities as they are the future of association. I have created a mail id presidentaroi.manoj@gmail.com and will request all members to communicate with me freely on any issue. I am pretty sure that with support of 4500 members we can do. Wish you all the best and a happy Christmas and Happy New Year 2023.



Message



MESSAGE FROM DR. V. SRINIVASAN SECRETARY GENERAL - AROI



Dr.V.Srinivasan.
M.D.,F.I.P.M.,F.I.C.R.O.,
Secretary General-AROI
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Dear Members of AROI,
I have immense pleasure in writing my first message as the SECRETARY GENERAL of AROI, the Association Par-Excellence. It is a humble opportunity to serve those 4500 members of this Association of Radiation Oncologist's of India.

Our Vision is to make AROI and its members to reach greater heights with excellent knowledge and unmatched skills in Oncology. Our Academic activities will continue with new vigour and passion that I inculcated in to the College, while serving as the Secretary of the ICRO.

Apart from this we all should join hands in collaborative research work and also serve the community by creating awareness about Cancer and motivate the general public to screen themselves to catch the disease early when it is completely curable. Our Dream is to form an AROI SCHOOL which will have excellent teachers handpicked across India to impart the knowledge to the rest of the world on behalf of this great Association. I would like to promise that I will always remain as one amongst you and look forward to your advice and suggestions to make AROI the Best Association ever.

Message



MESSAGE FROM DR. G V GIRI PAST SECRETARY GENERAL - AROI



Dr. G V Giri

Dear members

As the AROICON 2022 came to an end, I was very happy and pleased to have met so many members, colleagues, friends and students in the conference after a long hiatus of 3 years.

The organizing team of AROICON 2022 did a commendable job hosting the conference with good scientific content and great hospitality. I congratulate all the members of the AROICON 2022 team for hosting us a memorable conference in New Delhi.

I am extremely happy and proud to have served our esteem association, in the capacity of Secretary General from 2016 to 2022. I have tried to the best of my ability to bring in transparency and efficiency in the working of our association. We the executive, had numerous challenges in our term, the most notable was the Covid situation and the hurdles set up by the NMC in more than one way.

Inspite of the Covid situation with no physical meetings possible, the central body along with ICRO conducted numerous teaching courses and meetings online using the digital platforms. All the ICRO, AROI-ESTRO, AROI-ASTRO, Radiobiology and Proadvance courses were held online. We were for the first time,

able to reach out internationally to residents from the participating countries of the FARO as well, which was extremely well appreciated by them.

The executive and office bearers have worked overtime with multiple EC meetings to chart out a plan of action for the teaching programs and to counter the many hurdles posed by the by NMC including exclusion of Radiation oncology as a feeder branch for medical oncology. The executive held meetings with various stakeholders including the then Chairman, board of Postgraduate studies NMC and also with a board constituted by the NMC to look into the matter.

It was an extremely proud moment for me that the entire association stood as one when called upon to counter this challenge. We were successfully able to stall the order and our students continue to excel in the entrance exams for DM /DNB medical Oncology.

It has been a challenging and learning experience for me in this office and I thank the office bearers, the executive committee and all the members of AROI for supporting and standing by to me during my tenure as secretary General AROI.

I am pleased that a very efficient and young team has been elected as the new executive and extend my best wishes to them. I am sure they will do a great Job forward.

My best wishes to the new beginning to all members of the AROI, my colleagues and friends and wishing everyone a very happy new year 2023.

Warm regards
Giri

AROI office Bearer



AROI office Bearer





RECENT ADVANCES IN RADIOTHERAPY OF PROSTATE CANCER

Dr. Francis V James MD

GU & GYN Clinic
Prof & HOD Radiation
Oncology
RCC, Trivandrum



Dr Aswin Kumar

Addl Prof Radiation
oncology
RCC, Trivandrum

External beam radiotherapy (EBRT) is a curative treatment option for patients with localised prostate cancer alone or in association with brachytherapy. Moderate hypofractionation has now become a standard of care. Early salvage radiotherapy has recently been shown to be a curative option after biochemical failure following radical prostatectomy. Technical advances have enabled the progressive implementation of extreme hypofractionation in treating localised prostate cancer. The application of metastasis-directed radiotherapy in the setting of oligometastatic prostate cancer has demonstrated benefit.

A phase III randomised trial from the Tata Memorial Hospital (POP-RT) demonstrated improved 5-year biochemical failure-free survival (BFFS) and disease-free survival (DFS) in patients with high-risk and very high-risk prostate cancer treated with prostate (68 Gy in 25 fractions) and pelvic nodal radiotherapy (50 Gy in 25 fractions) compared to prostate-only radiotherapy¹. All patients had at least two years of androgen deprivation therapy (ADT). Most of the patients had a negative PSMA-PET scan before starting treatment. This trial is practice-changing and should become the standard of care, at least in high- and very high-risk prostate cancer patients.

ASCENDE-RT enrolled 398 men, most of whom had high-risk disease². The subjects were randomised to a standard arm with pelvic irradiation to 46 Gy, followed by randomisation to a dose-escalated

external beam radiation therapy boost to 78 Gy or a low-dose-rate prostate brachytherapy boost. Both arms received 12 months of ADT. The long-term survival endpoints have been updated recently³. There continues to be a 10- and 15-year significant biochemical progression-free survival in favour of the brachytherapy arm. The improved biochemical control may be attributed to the increased dose that can be delivered than can be accomplished with EBRT. Brachytherapy boost could be recognised as a standard treatment option soon. These results cannot, however, at present be extrapolated to high-dose-rate (HDR) brachytherapy.

Stereotactic body radiation therapy (SBRT) is an extreme form of hypofractionated radiotherapy in which treatment is usually delivered in 1–5 fractions. Biochemical control and toxicity outcomes with SBRT appear comparable to historical outcomes of dose-escalated radiation therapy; however, longer follow-up and randomised data are lacking. A recent meta-analysis identified 38 unique prospective series with more than 6000 patients⁴. Intermediate-risk disease was the most common risk group represented. 15% of the patients received ADT. Overall, long-term BFFS was more than 93% with favourable patient-reported quality of life and toxicity. SBRT can therefore be considered a reasonable alternative for low- and intermediate-risk, but not at present for high-risk patients.



RECENT ADVANCES IN RADIOTHERAPY OF PROSTATE CANCER

The optimal timing of postop radiotherapy is controversial. The ARTISTIC meta-analysis obtained updated results from three randomised trials -RAVES, GETUG-AFU 17, and RADICALS-RT-comparing adjuvant with early salvage radiotherapy⁵. Event-free survival rates were high in both groups, although around 60% of patients were randomly assigned to early salvage radiotherapy. 40% of patients were thus spared radiotherapy altogether. A benefit for adjuvant radiotherapy could not be demonstrated in any of the assessed subgroups. Early salvage radiotherapy may provide an opportunity to avoid or, at the very least, postpone radiotherapy and associated adverse events.

The NRG Oncology/RTOG 0534 SPPORT trial was a three-arm randomised trial comparing salvage prostate bed radiotherapy alone or with 4-6 months of ADT and pelvic lymph node radiotherapy with short-term ADT⁶. In all eligible patients followed for up to 8 years, freedom from progression and distant metastasis rates were significantly lower in the arm, delivering pelvic lymph node radiotherapy and short-term ADT. The results from this trial suggest that combining short-term ADT with radiotherapy to the prostate bed and pelvic lymph node radiotherapy should be considered strongly in eligible patients.

What is the optimal dose to the prostate bed in the salvage setting? The SAKK 09/10 trial randomly assigned 350 patients to either 64 Gy or a higher dose of 70 Gy to the prostate bed⁷. No significant differences in clinical progression-free survival, time to hormonal treatment or overall survival were observed. However, late grade 2 and 3 gastrointestinal toxicities were significantly increased in the higher-dose arm. Therefore, the ideal dose to the prostate bed appears to be 64 Gy and not higher. RTOG 9601 was a randomised trial of patients with

biochemical failure (postop PSA 0.2-4 ng/mL) who received salvage radiotherapy and were then randomised to 24 months of 150 mg of bicalutamide or placebo⁸. A recent secondary analysis of this study demonstrated a significant OS benefit in men receiving bicalutamide with a PSA > 0.6 ng/mL⁹. However, in men receiving early salvage radiotherapy (PSA < 0.6 ng/mL), long-term antiandrogen use was not associated with overall survival benefit. The trial concluded that long-term ADT did not benefit patients receiving early salvage radiotherapy and may be associated with increased other-cause mortality.

STOMP and ORIOLE have thus far been the only two prospective trials of stereotactic ablative radiation (SABR) versus observation in metachronous oligometastatic castration-sensitive prostate cancer (< three metastases) to demonstrate prolongation of androgen deprivation-free survival and progression-free survival (PFS) with metastases-directed therapy (MDT). The long-term results have recently been published¹⁰. The median progression-free survival was 11.9 months (95% CI, 8.0 to 18.3) with MDT compared with 5.9 months (95% CI, 3.2 to 7.1) with observation. Systemic therapies were not permitted in these trials.

Molecular imaging is increasingly being used to guide decision-making and treatment planning. In the EMPIRE-1 trial, candidates for salvage postprostatectomy radiotherapy were randomised to either 18F-Flucyclovine PET/CT- or conventional imaging-directed radiotherapy¹¹. The 18F-Flucyclovine PET/CT group included more patients who underwent prostate bed and pelvic nodal radiotherapy. The incorporation of 18F-Flucyclovine PET/CT-directed radiotherapy significantly improved event-free survival.



RECENT ADVANCES IN RADIOTHERAPY OF PROSTATE CANCER

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Conferences



PRODVANCE 2022 WEST ZONE

**NANAVATI MAX SUPER SPECIALITY HOSPITAL, MUMBAI 5TH AND 6TH NOVEMBER 2022 –
DR. KAUSTAV TALAPTRA**

PRODVANCE 2022 West Zone Course was held on 5th and 6th November at Nanavati Max Super Speciality Hospital, Mumbai under the supervision of Dr Kaustav Talapatra (Course Director). The theme of the conference was “Overview of Hepato-Pancreatico-Biliary Tumors”. An all-round comprehensive coverage of all aspects of Hepato-Pancreatico-Biliary Tumors was done with special emphasis on the emerging role of high precision techniques and Stereotactic Body Radiotherapy in Hepato-Pancreatico-Biliary Tumors. It was an intense academic feast overseen by the office bearers of AROI and ICRO namely Dr Vijay Anand (Chair, AROI), Dr Rajesh Vashistha (President, AROI), Dr G V Giri (Secretary General, AROI), Prof. Satyajit Pradhan (Chairman, ICRO) and Dr. V Srinivasan (Secretary, ICRO) including eminent national faculty like Dr. Nagraj Huilgol, Dr. Rohit Malde, Dr. Reena Engineer, Dr. Supriya Chopra, Dr. Manish Chandra, Dr. Manish Siddha and various other esteemed speakers.

As an overview was important, Session I on Day 1 comprised of general topics such as anatomy,

radiology and molecular biology of HPB tumors. The next session comprised of multidisciplinary space covering the nuances of staging, surgery and chemotherapy. Post lunch sessions discussed the recent developments in radiation oncology in the treatment of liver tumors (primary and metastatic) and detailed discussions on important topics like stereotactic body radiotherapy and its motion management.

On Day 2, the current evidences in the treatment of pancreatic cancers, cholangiocarcinoma and gall bladder cancer were discussed. Students were also enthused to get a perspective on the role of brachytherapy in HPB tumors.

Association of Radiation Oncologists of India and Indian College of Radiation Oncology are committed to structured teaching courses for post graduate students and young radiation oncologists. The importance of such programs were emphasized by the senior faculty so that students could maximize benefit of these teaching courses.



Conferences



ESTRO AROI TEACHING COURSE

KOLKATA, 10TH TO 13TH NOVEMBER 2022– DR. TANWEER SHAHID

Apollo Multispecialty Hospital, Kolkata in collaboration with AROI West Bengal Chapter, hosted the prestigious ESTRO AROI teaching course (Advance Technology) from the 10th to the 13th of November 2022 at the “The Hotel Raajkutir (Swabhumi), Kolkata.

There were 3 European Faculty and 13 Indian faculties who took part in a 4 day teaching programme.

International Faculties:

- Prof Coen Rasch, Radiation oncologist, Academic Medical Centre, Amsterdam
- Mr. Ben Heijmen, Medical Physicist, Erasmus MC-Cancer Institute, GD Rotterdam
- Prof. Andrew Hope, Radiation Oncologist, PMH, Toronto
- Mr Mika Palmu (European Co-ordinator)

National Faculties:

- Dr A K Anand, New Delhi
- Dr A K Bansal, New Delhi
- Dr Shaleen Kumar, Lucknow
- Dr Shirley Lewis, Manipal
- Dr Tejpal Gupta, Mumbai

- Dr Umesh Mahantshetty, Visakhapatnam
- Dr Sarbani Ghosh Laskar, Mumbai
- Dr T Ganesh, New Delhi
- Dr Rakesh Jalali, Chennai
- Dr Indranil Mallick, Kolkata
- Dr Jyotirup Goswami, Kolkata
- Dr Vineeta Goel, New Delhi
- Dr Shagun Mishra

It was attended by 110 Indian Delegates and 27 Foreign delegates from 9 different countries.

The course was aimed for the Radiation Oncologists/Physicists/RTT, involved in advanced treatment planning in their daily routine.

This was designed for basic / advance understanding of the fundamental components of Radiation techniques and planning and who wish to deepen their knowledge of IMRT/IGRT planning techniques along with other newer treatment modalities involved in Radiation.

It was very much appreciated by everyone and delegates had a great learning time. Lots of interaction happened over the 4 day course and everyone benefitted from such a vibrant galaxy of Faculties.



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18TH AROI - ICRO CLINICAL RADIOBIOLOGY TEACHING COURSE - NORTH ZONE

AIIMS RISHIKESH, 19TH NOVEMBER 2022 – DR. MANOJ GUPTA

The 18th AROI-ICRO clinical radiobiology teaching Course of North Zone was successfully conducted on 19th November 2022, organized by AIIMS, Rishikesh. A short inaugural ceremony preceded the program in the presence of the Director& CEO of AIIMS Rishikesh, Prof Meenu Singh, Dr. Rajesh Vashistha (President AROI), and other dignitaries of the institute. The course was attended by around 60 residents from various medical colleges of Uttarakhand, Himachal Pradesh, Punjab, Chandigarh, and Uttar Pradesh. The course was conducted by the course director, Prof. Manoj Gupta (Head of the Department of Radiation Oncology, AIIMS Rishikesh) from morning 9:00 am to evening 5:00 pm. The course was divided into five modules, starting from

the basics concept-building lectures to the radiobiology aspect of IMRT, stereotactic radiotherapy, and re-irradiation. Throughout the session, the residents availed the opportunity of clarifying their doubts and had a great interactive discussion with Prof. Manoj Gupta. The session ended with a tremendously positive response from the residents and appreciated Prof. Manoj Gupta for his tireless effort and unique way of teaching and presentation. Dr. Deepa Joseph, Additional Professor in Radiation Oncology, AIIMS Rishikesh assisted as course coordinator for the smooth functioning of the event. The program was supported by INTAS pharmaceuticals..



Conferences



ICRO PRE CONFERENCE WORKSHOP AROICON 2022

NEW DELHI 1ST DEC 2022 – DR. V SRINIVASAN

ICRO Pre-Conference workshop is always a highlight in all the National Conferences of AROI. This Year the workshop was planned on the 1st of December 2022 and the topic chosen was “LANDMARK CLINICAL TRIALS IN RADIATION ONCOLOGY-PAST; PRESENT AND FUTURE”

This Workshop covered the basics of How to Interpret a Phase III Clinical Trial and followed by various Clinical trials in different sites. We had Trials on Endometrial Carcinoma and Early Prostate Carcinoma before the Inauguration. The Chief Guest Address was given by Lt.Gen Ashok Jindal , AVSM , YSM , Commandant-Army Hospital Research & Referral, New Delhi and our Guest of Honour was Surg Vice Admiral Arti Sarin VSM, Commandant AFMC, Pune who is one amongst us.

Then we had an exclusive session on Head & Neck Cancers, First on Trials that address Definitive Chemotherapy/Targeted Therapies with Radiation in LAHNSCC followed by Chemo-Radiation in Carcinoma

Nasopharynx and finally Organ Preservation trials in Carcinoma Larynx and Hypopharynx.

After Lunch we had Trials on NSCLC focussing on Stage III and the recent advancements in the Management of Ca Rectum and Trials on Hypo fractionation in Breast cancer. The last session was on CNS-Trials on SRS in Gliomas and various treatment options in Brain metastasis.

The ICRO workshop was designed in such a way that students could understand the basics as well as the practice changing clinical trials for different sites. They also had live interactions with the Faculties who were selected from India and Abroad and were stalwarts in the field of Radiation Oncology. We had an astonishing 250 + paid registrations for the Workshop.

All the speakers did an excellent job and the students were very happy and interactive and were participating with full enthusiasm.



Conferences



AROICON 2022

NEW DELHI 1TH - 4TH DECEMBER 2022 – DR. MANISH PANDEY

AROICON as we know is the annual conference of Association of Radiation Oncologists of India (AROI), is a platform to bring together all radiation oncologists be it Senior faculty, practicing radiation oncologist or residents to meet, discuss and share their experience regarding the recent updates, the gray areas as well the old-fashioned controversies. It's a unique type of gathering where teachers meet their students practicing the knowledge imparted at their parent institutes, the alumni meet the newer generation of radiation oncology residents in front of their gurus refreshing the sweet-sour memories of past as well making newer ones.

42nd AROICON -2022 holds a special place in the history of annual conferences of AROI as this being an annual event was happening after a gap of 3 years – all thanks to covid-19 pandemic! Another reason for cherishing the AROICON 2022 was that it was the 42nd conference and Delhi was hosting it after a gap of whopping 40 years. The venue of conference was Sir Manekshaw Auditorium situated in Delhi Cantonment area. This auditorium is one of a kind spaces which is managed by the prestigious Indian Army having multiple halls for running parallel sessions as well as smaller halls to host the executive meetings and a lot of space for gup-shup and chai! The Manekshaw auditorium is special in another terms of ample lush green lawns which soothes the eye, multiple selfie points with tanks, army tigers finding the long-lost patriot in us with cleaner air and ample parking spaces in busy crowded Delhi.

The 42nd AROICON Conference was organized by Action Cancer Hospital and Radiation Oncology department Safdurjung Hospital, New Delhi along with all the radiation oncologists working in Delhi under the aegis of NZ-AROI. The dedicated team has worked day and night under the guidance of Dr. K T

Bhowmik, Ex- HOD Radiation oncology, VMMC and associated hospitals, Dr. G K Rath Ex- HOD AIIMS New Delhi, Dr. S Hukku HOD BLK-Max Hospital, Dr. S C Pande HOD, Artemis Hospital, Dr. Tejinder Kataria HOD, Medanta Hospital, Dr. G. K Jadhav HOD, Apollo Hospital, Dr. A K Anand HOD, FMRI Gurgaon, Col. (Dr.) Ashok Kumar Ex- HOD R&R Hospital, Dr. Jaskaran Singh Sethi, Senior Consultant RGIRC and Dr. Munish Goirala, HOD RGIRC for this conference to be a success. All the senior faculty of Delhi had mentored and pushed the organizing team for past 1 year to make AROICON 2022 a memorable one in the history of national conferences of AROI.

Patrons from AROI Dr. Vijay Anand Reddy, Chair AROI, Dr. Rajesh Vasishtha, President, Dr. Manoj Gupta, President Elect, Dr. G V Giri, Secretary Dr. Kishore Singh Editor JCRT, Dr. Pradhan, Chairman ICRO, Dr. Srinivasan Secretary ICRO and other stalwarts like Dr. Ramesh Bilimagga, Dr. S.K Srivastava, Dr U P Sahi, Dr. M K Mahajan, Dr. Shantanu Pal, Dr. Neeraj Jain, Dr. Munnuswami, Dr. Rakesh Kapoor along with eminent faculty across the nation addressed the audience and shared their vast experience and knowledge with around 1500 delegates which included various practicing radiation oncologists and radiation oncology students.

A brief glimpse of the conference includes a record breaking 1700 registrations, including faculty, delegates, residents and company personnel, a rich academic diaspora spanned over 4 days with 1st day dedicated to teaching in form of ICRO Program followed by National Quiz for Junior Residents and Group Discussion for Senior Residents. The academic feast starting day 2 onwards in multiple parallel halls had 9 Major tracks and 8 minor tracks having a total of 42 lectures with 24 panel discussions for the learning fellows.

Conferences



AROICON 2022

NEW DELHI 1TH - 4TH DECEMBER 2022 – DR. MANISH PANDEY

The practicing radiation oncologist practically raised the temperature in the month of December with 20 Debates and special symposiums for controversies in contouring in sites like Breast, prostate, lung and liver SBRT etc. a total of 450 faculty shared their wisdom and knowledge making it an academic delight.

The academics included not only the major sites like Breast, Head & Neck, Gynecological cancer, Brain etc but also the least touched topics like Palliative Care and Preventive oncology. A symposium was also conducted for setting up palliative care and preventive oncology department as future startups. A special session on use of Artificial Intelligence/machine learning and Proton therapy was kept post lunch so that we can also know and match the standards of Radiation oncology practiced in other parts of world.

It was a golden opportunity for the residents to showcase their vocal skills as well as to present their research. The organizing secretariat received a total of 450+ abstracts which were segregated according to their merit in Proffered, Non-best paper award and E-poster presentation in addition to Best Paper award category. A total of 90 oral presentations were done in pre-academic morning session running parallelly in 6 halls each day giving every resident to showcase the future speaker in them.

The organizing secretariat also conducted a Quiz in the evening hours of 1st day of conference. The main attraction of quiz was that it was a national quiz, where the organizing committee had divided the country into 4 zones and a preliminary round was conducted on online platform. Top 3 teams from each zone was included in the national round quiz in the conference. A new contest namely, Group Discussion, for senior residents was included in the

conference. It was also conducted in similar way as the quiz was conducted. Attractive prizes were given to the top 3 positions and consolation prizes were given to each participating contestant.

The academic session was followed by the Inaugural ceremony which was presided by office bearers of AROI followed by Gala dinner at Vrindavan Gardens, R&R Hospital, New Delhi. The chief guest for the Inaugural function was Dr. Raghavendra Rao, Director AYUSH GOI. In an open forum, eminent national faculty kept their views on how to provide an affordable and equitable cancer care to the last patient in India. The Souvenir containing messages of dignitaries as well as numerous articles was released at the inaugural ceremony.

The main highlight of fourth day session was 2 minor tracks dedicated on radiation physics and radiation technologists to enlighten them with the rapidly changing radiation oncology practice. Around 50 physicists and 75 radiation technologists from Delhi NCR region joined us for the conference. In parallel to that a different program was organized where the cancer warriors who have won their fight over cancer shared their pains and their journey during cancer treatment. A total of 100 patients and their attendants participated in the event and performed dance steps, sang a song or had words of wisdom and some shared their pain.

The Guest of Honor of the valedictory function was Shri. Om Birla, Speaker Lok Sabha who awarded the prizes to the quiz and group discussion winners along with the fellowship awardees. Shri Om Birla ji shared his views about the cancer prevalence in country, the steps Government of India is taking to curb cancer and congratulated AROI for holding such a nice knowledge sharing platform annually.

Conferences



AROICON 2022

NEW DELHI 1TH - 4TH DECEMBER 2022 – DR. MANISH PANDEY

The valedictory function ended with the distribution of a vote of thanks to all participants and organizing committee by Dr. Manish Pandey, Organizing Secretary, AROICON 2022 with the hope that the conference would have been fruitful to its participants and further annual conferences will help us provide our patients the real benefit of this

knowledge.

At last, the 42nd AROICON 2022 was a mixture of hard-core academics, memories of past, lots of handshakes, lots of personal data sharing which actually is never possible on phone or WhatsApp and promises that we will meet next year too! Cheers...



Conferences



AROICON 2022

NEW DELHI 1TH - 4TH DECEMBER 2022 – DR. MANISH PANDEY



- Visiting professor at NIH Howard University
- Founding president of AROICON Bihari Chapter



Conferences



AROICON 2022

NEW DELHI 1TH - 4TH DECEMBER 2022 – DR. MANISH PANDEY















Meetings



IAEA SIGNS PRACTICAL ARRANGEMENTS

VIENNA, 6TH DECEMBER 2022 – DR. S K SRIVASTAVA



PRACTICAL ARRANGEMENTS

between

THE INTERNATIONAL ATOMIC ENERGY AGENCY

and

11 RADIATION ONCOLOGY, IMAGING AND MEDICAL PHYSICS SOCIETIES

on

COOPERATION IN THE AREA OF

RADIATION ONCOLOGY, IMAGING AND MEDICAL PHYSICS

Meetings



IAEA SIGNS PRACTICAL ARRANGEMENTS

VIENNA, 6TH DECEMBER 2022 – DR. S K SRIVASTAVA

These Practical Arrangements are made between the International Atomic Energy Agency (hereinafter referred to as the “IAEA”), an intergovernmental organization established by its Statute, whose address is Vienna International Centre, P.O. Box 100, 1400 Vienna, Austria; and

1. the African Organisation for Research and Training in Cancer (AORTIC), c/o Regus Black River Park 1st Floor, Block B, North Park, Black River Park, Observatory, Cape Town, Western Cape, 7925, South Africa;
2. the American Association of Physicists in Medicine (AAPM), 1631 Prince Street, Alexandria, VA 22314, United States of America.
3. the American Society for Radiation Oncology (ASTRO), 251 18th Street South, 8th Floor, Arlington, VA 22202, United States;
4. the Arab Medical Association Against Cancer (AMAAC), NCI Fom El Khalig, Cairo 11796, Egypt;
5. the Canadian Association of Radiation Oncology (CARO), 20 Crown Steel Drive #6 Markham, ON L3R 9X9, Canada;
6. the European Society for Radiotherapy and Oncology (ESTRO), Avenue Marnix 17, 1000 Brussels, Belgium;
7. the Federation of Asian Organizations for Radiation Oncology (FARO), C/O Dept. of Radiation Oncology, Hiroshima University Hospital, 1-2-3, Kasumi, Minami-ku, Hiroshima, 734-8551, Japan;
8. the Ibero Latin American Radiation Oncology Association (ALATRO), C/Castelló 128, 1ª Planta, 28006 Madrid, Spain;
9. the International Cancer Expert Corps (ICEC), 1608 Rhode Island Avenue, NW, Suite 243, Washington, DC 20036, United States;
10. the Royal Australian and New Zealand College of Radiologists (RANZCR), Level 9, 51 Druitt Street, Sydney, New South Wales, Australia 2000; and
11. the Royal College of Radiologists (RCR), 63 Lincoln's Inn Fields, London WC2A 3JW, United Kingdom.

Hereinafter referred to as the “Group of Entities or GOE”. It is understood that the cooperation under these Practical Arrangements is with each entity individually under this common framework. The IAEA and the GOE will also be referred to individually as a “Party” and collectively as the “Parties”.

1. Scope of Cooperation

The objective of these Practical Arrangements is to set forth the framework for non-exclusive cooperation between the Parties in the area of radiation oncology, imaging and medical physics. The Parties have identified the following activities in which cooperation may be pursued, subject to the Parties’ respective mandates, governing regulations, rules, policies and procedures:

- exchange and dissemination of unclassified information, including publications and sharing of experiences and best practices in the area of radiation oncology, imaging and medical physics;
- cooperation in Rays of Hope, and other IAEA projects and initiatives;
- cooperation in the preparation of relevant documents (guidelines, curricula) on selected radiation oncology, imaging and medical physics topics;
- cooperation in research;
- cooperation in quality assurance activities;

Meetings



IAEA SIGNS PRACTICAL ARRANGEMENTS

VIENNA, 6TH DECEMBER 2022 – DR. S K SRIVASTAVA

- cooperation in the development of educational and training courses and materials, including blended/online materials, as well as cooperation in the development of online tools to support the professional aspects of radiation oncology, imaging and medical physics;
- cooperation in the broadcasting of IAEA live seminars and/or webinars in the field of radiation oncology, imaging and medical physics on the GOE's web platforms;
- cooperation through mentorship arrangements to the benefit of the mentor, mentees, and sustainable career paths;
- participation of experts in different IAEA training activities e.g. training courses and provision of experts to low and middle-income countries;
- collaboration in data collection and dissemination of relevant information through the IAEA Directory of Radiotherapy Centres (DIRAC);
- collaboration in the development of patterns of care studies to document cancer therapies in institutions worldwide; and
- collaboration to promote access to safe, affordable and quality radiotherapy.



Resident Corner



CHIRPINGS OF FIRST YEAR RADIATION ONCOLOGY RESIDENTS



Dr Richa Arunendu
1st year PG Resident
Medanta the Medicity, Gurgaon



Dr Jyotishna Dania
1st year PG Resident
Medanta the Medicity, Gurgaon

It was a fairly average day of navigating through the complexities of residency when me and my colleague were called for a quick meeting by our seniors. They were discussing the upcoming national conference, i.e. AROICON 2022, amidst all the clicking noises in the TPS. As we stood there clueless, we were told that it was a major event for a Radiation Oncology calendar year and it was on hold because of the COVID pandemic and now it's back in its physical form, with all possible zest.

They urged us all to participate and explore, this being a very prestigious platform to present and learn. Being a first-year resident is all about listening and following our seniors faithfully. So we embarked upon a new journey, our consultants helped us figure out what can be considered a rare phenomenon, and what could be translated as a presentation-worthy case report.

FAST FORWARD (pun intended), to a foggy, chilly

December morning, we were talking in the car, eager to reach the auditorium for the famed ICRO teaching classes. We finished our registration formalities and entered Ashoka Hall to a whole new horizon of knowledge, starting from how to interpret a Phase III Clinical Trial to brief classes for endometrial carcinoma, and localised prostate carcinoma. We were honoured to attend the classes in head and neck oncology by renowned teachers. We came to know about all the landmark trials and how we evolved as an oncology fraternity.

Ranging from hypo fractionation in Breast Cancer to Neo Adjuvant treatment of Carcinoma Rectum, we were given a glimpse of all that is relevant to our knowledge. The neuro-oncology sessions were brain teasers with lots of information regarding metastasis and new technologies like Stereotactic Radiosurgery (SRS). It's necessary to mention the Medical Ethics class by none other than the secretary of Delhi Medical Council.

Resident Corner



CHIRPINGS OF FIRST YEAR RADIATION ONCOLOGY RESIDENTS

The jam-packed first day of the conference came to an end with group discussion and quiz sessions with bright new faces of radiation oncology in India. We came to know of many interesting perspectives and quirky new quiz facts, listening and cheering for our seniors up on the dais.

The next 3 days were even more intriguing, following the famous movie advice by Rancho in 3 idiots, "it's raining knowledge everywhere, collect all you can". We roamed around Halls A to F, attending all the possible lectures on major sites in oncology. Be it carcinoma breast or head and neck oncology on day 2 or brain malignancies on day 4, it was an enriching experience, not to mention an eye opener as to why we need to study and explore this ever-expanding field with all our might.

We also presented our E-poster and non-best paper on the designated day, the judges were in awe at timid first years standing with zeal and spark in our

eyes, and we were praised for the effort we put in and the rare cases we presented. They encouraged us to participate more in upcoming conferences as budding radiation oncologists and keep evolving. The same applies to all the proffered and best paper sessions we attended, the panel discussions we listened to, and henceforth, came to know about the advances we are making as a country of excellent new and established oncologists.

Last but not the least, we understood the enthusiasm our seniors had the very first day we were called upon, It was like a festival for the like-minded oncology fraternity. Everyone was excited to meet all the friends and colleagues, mentors and teachers, experts, and flag bearers. We made many new friends across the country, with the hopes of meeting them soon on a similar platform.

Thank you AROICON 2022 for the enriching experience.

Chapter Update



UP STATE CHAPTER OF AROI

ANNUAL REPORT – DR. SURABHI GUPTA

In the last GBM held on 18th dec 2021 during 32nd annual conference of up state chapter of AROI following office bearer were elected

1. President - Dr. Shaleen Kumar
2. General Sccretary - Dr. Surabhi Gupta
3. Treasurer - Dr. Kailas Mittal

Conference

1. 32nd AROI-UP chapter was held from 18th Dec to 19th Dec. 2022 at Agra organized by department of radiation oncology, S.N.Medical College, Agra.Approx. 160 delegates participated .Dr.Rajesh Vashistha graced the occasion as guest of honour.
2. 33rd AROI-UP Chapter was held in Bareilly from 8th oct to 9th oct 2022, organized by dept of radiotherapy, SRSMS,Bareilly. It was a very successful event. Chief guest was Mr.Dev murti , chairperson of SRMS, Bareilly. Guest of honour was Dr.Rajesh Vashistha, President of AROI.
3. 9th Annual young radiation oncologists conference will be held from 25th feb to 26th feb 2023 by Dr.RMLIMS, Lucknow.

Academic activities

37 (thirty seven) online P.G.Teaching classes were conducted under the banner of UP-AROI (Dr.Shaleen, Dr.Surabhi ,Dr.Ashutosh ,Dr.Rashi) ,for the benefit of P.G. students and young faculties ,in which eminent faculties from other states also delivered their lectures. It was greatly appreciated.

Awards and Recognition

1. Dr.Madhup Rastogi was elected as vice chairman of ICRO
2. Dr.Rashi Agrawal was awarded with president's appreciation award by IMA, Ghaziabad
3. Dr.M.Q.Baig received India prime award for top 8 authors of India, for his book on molecular biology of cancer.
4. A book named " The Washington manual of oncology 1st South Asia Edition was lauched in July 2022 by Authors - Dr. Satyajit Pradhan and Dr. Ashutosh Mukherji



Chapter Update



RAJASTHAN STATE CHAPTER OF AROI

ELECTION UPDATE – DR. NIDHI PATNI

Rajasthan Chapter of AROI recently held its election and the new office bearer are elected unanimously

- **President**
 - Dr. O P sharma
- **President elect**
 - Dr, Sandeep Jain
- **Vice President**
 - Dr. Narendra Singh Shah
 - Dr. Ravindra Singh Gothwal
- **Secretary**
 - Dr. Nidhi Patni
- **Joint secretary**
 - Dr. Naresh Jakhotia
 - Dr. Narendra Rathore
- **Executive committee member**
 - Dr. Manish Chomal
 - Dr. Ramesh Purohit

Congratulations



Dr. O P Sharma



Dr. Sandeep Jain



Dr. Narendra Singh Shah



Dr. Ravindra Singh Gothwal



Dr. Nidhi Patni



Dr. Naresh Jakhotia



Dr. Narendra Rathore

ARO-GBM Minutes



GBM MINUTES

AROICON 2022, NEW DELHI - 3RD DECEMBER 2022 AT 7 PM

1. GBM was convened with permission of the President Dr. R. Vashistha, but as the quorum was not present the general body was dissolved and then reconvened.
 2. The Secretary General Dr Giri informed the GBM regarding the departed members in the previous 3 years and homage was paid by observing silence for 1 minute.
 3. Minutes of the previous GBM was read out .
 4. Contribution to central AROI by National Conference of AROIThe GBM approved raising the amount paid to the central AROI after AROICON conference from 12 lakhs to 25 lakhs or 50% of the profit which ever is more.
 5. **ARO-ICRO Teaching Programme 2023**
 - A. AROI-ICRO Sun PG teaching course**
 - a. TMH, Varanasi – Gynaecological Malignancies Dr.Satyajit Pardhan
 - b. SGRD, Amritsar-Sarcomas (Adult & Paediatric) Dr.Neeraj Jain
 - c. Govt. Medical College, Thiruvananthapuram Hypofractionation Dr. Mhadevan R
 - B. AROI-ICRO Sun PRODVANCE Course Targeted therapy/Immunotherapy Concurrent with Radiation.**
 - a) NZ- Royal Cancer Institute Kanpur-Dr.Anu Tiwari
 - b) EZ- IGIMS Patna-Dr. Dinesh Sinha
 - c) WZ- Aruni Hospital Rajkot-Dr. Hemendra Mod & Dr. Vipul nautiyal
 - d) SZ- HCG Bangalore-Dr. Sridhar P S
 - C. AROI-ICRO INTAS RADIOBIOLOGY COURSE by Prof.Manoj Gupta**
 - a) NZ- SRMSI,Bareilly-Dr.Piyush Agarwal
 - b) EZ-JN Medical College,Raipur-Dr. Pradeep Kumar Chandrakar
 - c) WZ-STERLING Cancer Hospital, Ahmedabad-Dr.Pooja Nandwani Patel
 - d) SZ- SVIMS,Thirupathi-Dr. B. V. Subramanian
 - D. AROI-ESTRO**
 - a) Gynae Teaching Course-Indo American Cancer Hospital Hyderabad 16-19 March ,2023-Dr.Harjot Kaur Bajwa
 - b) Head & Neck Teaching course-TMH ,Mumbai 26-28 May 2023 Tentative-Dr. Sarbani Ghosh Iascar
 - c) Advance Technology teaching course- Apollo Hospital Hyderabad 7-10 , 14-17 , 21-24 , September 2023-Dr.Vijay Karan ReddyBest Of ASTRO -2023-Ruby Hall Hospital-Dr. Bhooshan Zade
- ARO-ICRO Teaching Courses to Be Held in 2024**
- A. AROI-ICRO Sun PG Teaching course**
 - a) Jawaharlal Nehru Cancer Hospital, Bhopal-Dr.Gautam K Sharan
 - b) Max Super Speciality Hospital, Bathinda-Dr. Rajesh Vashistha
 - c) NRS Medical College, Kolkata-Dr. Shrikrishna Mondal
 - B. AROI-ICRO Sun PRODVANCE Course**
 - a) NZ- PGIMER, Chandigarh-Dr. Rakesh Kapoor
 - b) EZ- Chittranjan National Cancer Institute, Kolkata-Dr. Tapas Maji
 - A. WZ- Sterling Cancer Hospital,Ahmedabad-Dr. Pooja Nandwani Patel
 - B. SZ- RCC Triavandrum-Dr. K. Ramadas
 - C. AROI-ESTRO**
 - a) Gynae Teaching Course-HBCH & MPMMC CANCER CENTRE, VARANASI-Dr. Satyajit Pardhan
 - b) AROI -ESTRO Head & Neck Teaching course-MIOT INTERNATIONAL HOSPITAL, CHENNAI-Dr.V. Srinivasan
 - c) AROI ESTRO Advanced Technology teaching course-AIIMS, PATNA-Dr.Pritanjali Singh
 - E. AROICON 2024-KMC, MANGALORE.**
 - F. Best of ASTRO- 2024-Yet to be decided**
 - G. AROI-YROC-2024 -Yet to be decided- in Lucknow**

AROI-GBM Minutes



GBM MINUTES

AROICON 2022, NEW DELHI - 3RD DECEMBER 2022 AT 7 PM

6. The Proadvance course for 2024 south zone was allocated to RCC, Thiruvananthapuram, rest of the courses were to be conducted in the already allotted centres as per GBM 2019.
 7. ICC 2023 to be held in Mumbai, Dr Manish Chandra has taken over as President, Maharashtra Chapter of AROI replacing Dr Vyas and Dr Sarbani Ghosh Laskar has taken over as Secretary replacing Dr Umesh Mahanshetty. Rest of team will be the same
 8. Number fellowships were proposed to be increased for this year: Neil Joseph fellowship from 6 to 8, Less than 35 years 4 to 6, 35 to 40 years remains 2, 41 to 50 years 2 to 3 and more than 50 years remains 2 fellowships. Proposed by dr Manish Chandra seconded by Dr Virendra Bhandari, passed by the house.
 9. The GBM was informed that AROI and ESTRO are collaborating for Head & Neck teaching program to be held in May 2023 and Dr Sarbani Laskar was congratulated for the initiative.
 10. The house was informed Dr R. Vashistha was elected as the Vice President was FARO and the GBM congratulated R. Vashistha.
 11. The Teaching programs conducted ICRO from last 3 years were informed and the house appreciated the ICRO Executive for conducting these programs during the harsh COVID times.
 12. The list of ICRO quiz winners and FICRO Awardees were announced and congratulated.
 13. GBM was informed that JCRT is doing exceptionally well with impact factor of > 1 and increasing citations. The journal is generating revenue and the financial burden on AROI has significantly reduced from 24 lakhs to 4 lakhs per annum, and shortly the journal can become self sufficient. Dr Kishore Singh was congratulated by the GBM for his efforts.
 14. The Financial statements of the year 2019-2020 were presented and passed, Proposed by Dr Umesh Mahanshetty and seconded by Dr Siddharth Laskar. 2020-2021 financial statement was presented and passed, proposed by Dr Rakesh Kapoor and seconded by Dr Harprit Singh. 2021 -2022 financial statement was presented and passed, proposed by Dr Suresh Kumar Seconded by Dr B Rajesh, the house was also informed as per government norms the savings accounts have been replaced by current accounts and also the pending cases in IT tribunal for the year 2010-11 and 2011-12 are nearing completion and its hoped the verdict will be FD of AROI & ICRO.
- | AROI FD Amount | ICRO FD Amount |
|----------------------|---------------------|
| 1,15,00,000.00 | 15,00,000.00 |
| 1,30,00,000.00 | 16,50,000.00 |
| 1,30,00,000.00 | 16,00,000.00 |
| 42,00,000.00 | 16,00,000.00 |
| Total 4,17,00,000.00 | Total 63,50,000 .00 |
15. Proposed budget for the year 2022-23 was presented and passed proposed by Dr Ramesh Billimagga and seconded by Dr Vijay Anand reddy.
 16. New AROI member 810 , and total AROI members 4420 list was ratified by the house proposed by Dr R k Vyas and seconded by DR Vijay Anand Reddy.
 17. It was decided to route all the memberships to AROI through the state chapters
 18. AROICON 2024 bid was won by KMC Mangalore, Karnataka Chapter by show of hands.
 19. It was decided to bring an amendment to start student memberships which will be converted to Life membership after completion of course.

AROI-GBM Minutes



GBM MINUTES

AROICON 2022, NEW DELHI - 3RD DECEMBER 2022 AT 7 PM

20. It was decided by GBM to constitute a committee under the new EC to look into the syllabus issues of MD and DNB Radiation Oncology. Also Dr Manoj Gupta President elect informed the house he will look into the issue of Radiation Oncology department not allowed to practice chemotherapy in AIIMS, New Delhi.
21. Dr Sundar Aiyagaru raised the issue of elections not being held in 2020 and constitutional validity of the office of Chair. The GBM decided that it was extraordinary situation and hence extension was given to the EC to continue and care will be taken it will not happen again. Chair is the change of name only to help executive committee.
22. GBM Congratulate & thanks to 42nd AROIcon Organising Committee Scientific content & hospitality was excellence.
23. The President given thanks to every members of AROI & dissolve GBM. Invited the new office bearers President to take over and conduct 2nd GBM.
24. GBM 2nd
 - a) The New President Dr Manoj Gupta, called for a new GBM and
 - b) All previous minutes reads & Passed by GBM .
 - c) Dr. Manoj Gupta Gives Introduce new executive committee & there vision for further improvement of AROI & ICRO, academic activities.

ICRO-GBM Minutes



ICRO-GBM MINUTES

AROICON 2022, NEW DELHI - 1ST DECEMBER, 2022 AT 6 PM

1. The meeting was convened with the Permission of Chairman ICRO-Dr.Satyajit Pradan at the Ashoka Hall of Manekshaw Auditorium at 6.00 pm, and all the respected members were welcomed by Dr V.Srinivasan, Secretary ICRO. Those who were not the members of ICRO were asked to leave the hall politely.
2. Dr Vineeta Goel stressed upon cost cutting of ICRO courses, and suggested that these courses may be held at low budget halls/ auditoriums of medical colleges. She also suggested to make the ICRO courses more user friendly and practical by incorporating workshops and interactive sessions. This was supported by all the members.
3. Dr Sarbani Ghosh Laskar opined in the house that it is becoming difficult to conduct the workshops/ courses due to paucity of funds and lack of financial assistance. She suggested to generate corpus for the same.
4. It was unanimously agreed in the house that there is lack of interest in post PGs for PRODVANCE courses as was informed by Dr G V Giri. Since the attendance in PRODVANCE has not been satisfactory as evident in last few courses, it was also suggested by him whether the number of courses may be reduced to two and allotted to different zones by rotation. However, it was decided that since the four courses have already been allotted for the year 2023, a decision for 2 vs 4 courses in 2024 will be taken after seeing the enthusiasm of participation.
5. Another reason for low attendance was suggested by Dr Rajesh Vashistha that the low participation is also because of late release of information/ brochure due to which it becomes logistically difficult for participants to attend. He has requested that henceforth, the brochure of ICRO programs must be released and circulated at least two months in advance.
6. All the members unanimously agreed to the discussion and suggestions.
7. Dr Abhishek Basu, in continuation of this discussion suggested that participants from all four zones may be allowed to attend PRODVANCE courses in any zone as per their convenience and comfort as this will increase the number of participations. This was agreed by all.
8. Dr Ashutosh Mukherjee suggested incorporating Physics/ Biostatistics/ Research Methodology in future PRODVANCE courses which was agreed upon by members.
9. Dr Srinivasan informed the house about the FICRO awardees for the years 2020/ 2021/ 2022.
 1. FICRO AWARDS -2020
 - a) DR.RAKESH JALALI, APOLLO PROTON CC, CHENNAI, MD-1994
 - b) DR.VEDANG MURTHY, TMH, MUMBAI, MD-2002
 - c) DR.SUPRIYA JAYANT SASTRI, TMH, MUMBAI, MD-2004
 - d) DR.REENA ENGINEER, TMH, MUMBAI, DNB-1999
 - e) DR.JAINEET SACHDEVA, CMC, LUDHIANA, MD-1997
 - f) DR.GAUTAM.K.SHARAN, JNCH & RI, BHOPAL, MD-2004. (JOINT SECRETARY-ICRO)
 11. FICRO AWARDS -2021
 - a) DR.SHYAMAL KUMAR SARKAR, NARAYANA HOSPITAL, KOLKATA -MD-1984. (FOUNDER MEMBER)
 - b) DR. SHAHID ALI SIDDIQUI, JNMC - AMU, ALIGARH – MD- 1985 (FROM 2020)
 - c) DR. V.LOKESH, KMIO, BENGALURU – MD- 1996
 - d) DR. NEERAJ JAIN, SGRD - UHS, AMRITSAR, DNB-1996
 - e) DR. ASHWINI BUDRUKKAR, TMH, MUMBAI, MD - 1999
 - f) DR. DEEPAK ABROL, GMC, KATHUA, MD -2005

ICRO-GBM Minutes



ICRO-GBM MINUTES

AROICON 2022, NEW DELHI - 1ST DECEMBER, 2022 AT 6 PM

12. FICRO AWARDS-2022

- DR.RAVI SHANKAR BELLALA, OMEGA HOSPITAL, VIZAG, MD- 1997
- DR.PIYUSH KUMAR, SRMSIMS, BAREILLY, MD – 2003
- DR.PRITANJALI SINGH, AIIMS, PATNA, MD-2005
- DR.SHIKHA GOYAL, PGIMER, CHANDIGARH, MD- 2006
- DR.KANHU CHARAN PATRO, MGCH, VIZAG, MD - 2006 (JOINT SECRETARY-ICRO)
- DR.NARENDRA KUMAR, PGIMER, CHANDIGARH, MD 2007

13. The recipients were congratulated by clapping hands of the members present and it was passed by the GBM-Dr.Cessal Kainickal and Dr.Sarbani Ghosh Laskar

14. Dr Giri objected regarding the fixed number (6) of recipients every year and suggested that the awards should be given on merit, not just to complete the number. It was agreed to follow the application criteria formed by Dr.Satyajit Pradhan.

15. The Teaching programs conducted by ICRO from last 3 years were informed and the house appreciated the ICRO Executive for conducting these programs during the harsh COVID times.

16. Dr.V.Srinivasan informed the proposed sites for ICRO Teaching Programmes for 2023/2024

AROI - ICRO Teaching Programme 2023

A. AROI-ICRO Sun PG teaching course

- TMH, Varanasi – Gynaecological Malignancies Dr.Satyajit Pradhan
- SGRD, Amritsar-Sarcomas (Adult & Paediatric) Dr.Neeraj Jain
- Govt. Medical College, Thiruvananthapuram Hypofractionation Dr. Mhadevan R

B. AROI-ICRO Sun PRODVANCE Course

Targeted therapy/Immunotherapy Concurrent with Radiation.

- NZ- Royal Cancer Institute Kanpur- Dr.Anu Tiwari
- EZ- IGIMS Patna-Dr. Dinesh Sinha
- WZ- Aruni Hospital Rajkot-Dr. Hemendra Mod & Dr. Vipul nautiyal
- SZ- HCG Bangalore-Dr. Sridhar P S

C. AROI-ICRO INTAS RADIOBIOLOGY COURSE by Prof.Manoj Gupta

- NZ- SRMSI, Bareilly-Dr.Piyush Agarwal
- EZ-JN Medical College, Raipur-Dr. Pradeep Kumar Chandrakar
- WZ-STERLING Cancer Hospital, Ahmedabad-Dr.Pooja Nandwani Patel
- SZ- SVIMS, Thirupathi-Dr. B. V. Subramanian

D. AROI-ESTRO

- Gynae Teaching Course-Indo American Cancer Hospital Hyderabad 16-19 March ,2023-Dr.Harjot Kaur Bajwa
- Head & Neck Teaching course-TMH ,Mumbai 26-28 May 2023 Tentative-Dr. Sarbani Ghosh lascar
- Advance Technology teaching course- Apollo Hospital Hyderabad 7-10 , 14-17 , 21-24 , September 2023-Dr.Vijay Karan ReddyBest Of ASTRO -2023-Ruby Hall Hospital-Dr. Bhooshan Zade

AROI-ICRO Teaching Courses to Be Held in 2024

A. AROI-ICRO Sun PG Teaching course

- Jawaharlal Nehru Cancer Hospital, Bhopal- Dr.Gautam K Sharan
- Max Super Speciality Hospital, Bathinda-Dr. Rajesh Vashistha
- NRS Medical College, Kolkata-Dr. Shrikrishna Mondal

ICRO-GBM Minutes



ICRO-GBM MINUTES

AROICON 2022, NEW DELHI - 1ST DECEMBER, 2022 AT 6 PM

B. AROI-ICRO Sun PRODVANCE Course

- a) NZ- PGIMER, Chandigarh-Dr. Rakesh Kapoor
- b) EZ- Chittranjan National Cancer Institute, Kolkata-Dr. Tapas Maji
- c) WZ- Sterling Cancer Hospital, Ahmedabad-Dr. Pooja Nandwani Patel
- d) SZ- RCC Triavandrum-Dr. K. Ramadas

17. The proposed venues and topics was passed by the GBM-Dr. Rakesh Kapoor & Dr. Gautam. K. Sharan

18. As Prof Manoj Gupta has already shared the Radiobiology course presentation in the Youtube

it was decided to have only one ICRO Radiobiology Course in 2024 at his site- AIIMS, Rishikesh

19. Objections were raised by Dr K T Bhowmik and Dr A K Rathi that the financial audit was not presented in the GBM. It was assured by Dr. V. Srinivasan that the audited accounts will be informed to the members soon.

20. Dr Satyajit Pradhan gave the thank you note to all the members for their support to the outgoing office bearers and congratulated new office bearers and wished them good luck. With this, the meeting concluded in a cordial manner.

AROI Fellowships

AROICON 2022



International Fellowship

1. Above 50 Years

- A. Dr. Sanjukta Padhi - AHPGIC Cuttack
- B. Dr. Madhup Rastogi - RMLIMS Lucknow

2. 41 - 50 Years

- A. Dr. Shyam Singh Bisht - Medanta the Medicity Gurugram
- B. Dr. Nidhi Gupta - GMCH Chandigarh
- C. Dr. Shikha Goyal - PGIMER Chandigarh
- D. Dr Col Ashok Kumar -Army Hospital R & R New Delhi
- E. Waiting
 - a) Dr Sharad Singh - SSCI & Hospital Lucknow
 - b) Dr Divyesh Kumar - PGIMER Chandigarh

3. 35 - 40 Years

- A. Dr. Ajeet Gandhi - RMLIMS Lucknow
- B. Dr. Uday Krishna - Kidwai Memorial Institute of Oncology, Bangalore
- C. Waiting
 - a) Dr Deepika Mallik - MMIMS Ambala

4. < 35 Years

- A. Dr. Jahanabi Das - Dr. B Borooah Cancer Institute Guwahati
- B. Dr. Sorun Shishak - Medanta The Medicity Gurgaon
- C. Dr. Bhanu Vaishitha - T.M.C. Kolkata
- D. Dr. Kannan Mahajan - Ruby General Hospital Kolkata
- E. Dr. Ankita Singh - IMS BHU
- F. Dr. Naina Gupta - MAX Shalimar bagh
- G. Waiting –
- H. Dr. Ankita Mehta - HBCH&RC Visakhapatnam
- I. Dr. Deep Shankar Pruthi - Action Cancer Hospital New Delhi

National (In India) Fellowship

1. Dr. Giddi Maurya Krishna SGPGIMS Lucknow

2. Neil Joseph Fellowship

- A. Dr. Abinash Chandra Patra - AHPGIC Cuttack
- B. Dr. Atokali Choppy - AIIMS Rishikesh
- C. Dr. Sayani Poddar - IPGIMER & SSKMH – Kolkata
- D. Dr. Anupma Radha Krishnan - R.G.KMC& Hospital Kolkata
- E. Dr. Malapati Sudarshan Gupta - IACH - Hyderabad
- F. Dr. Manas Ranjan Senapati - AHPGIC Cuttack
- G. Dr. Mohan Priya - MGCH&RI Visakhapatnam
- H. Dr. Himanshi Khattar - S.R.M.S. IMS Bareilly
- I. Waiting List
 - a) Dr. Annesha Sen - Medical College & Hospital Kolkata
 - b) Dr Keerthiga Karthikeyan - MGCH&RI –Visakhapatnam

Medical Physics fellowship

- 1. - Ajay Prakash Katake - Max S S Hospital Bathinda Punjab

Best Paper Awards

AROICON 2022



Winners of Best Paper 42nd AROICON 2022

Best Proffered Paper > 40 Year (2022)



Dr. Shikha Goyal
PGIMER Chandigarh

Best Proffered Paper < 40 Year (2022)



Dr. Ajeet Gandhi
Dr. RMLIMS Lucknow

Dr. G C Pant Young Doctor Award (2022)



Dr. Bhanu Vashistha
TMC Kolkata



Dr. Sheetal R Kashid
TMH Mumbai

Dr. M s Gujral Award (2022)



Dr. Tanshi Daljit
MAMC – New Delhi

Dr. M C Pant (2022)



Dr. Muddana Sri Sai Tejshwani
Apollo Hospital Hyderabad

Medical Physics Gold Medal (2022)



Ms. Priyanka Agarwal
MPMMCC & HBCH- Varanasi

Upcoming

UPCOMING
MEETINGS



AROI



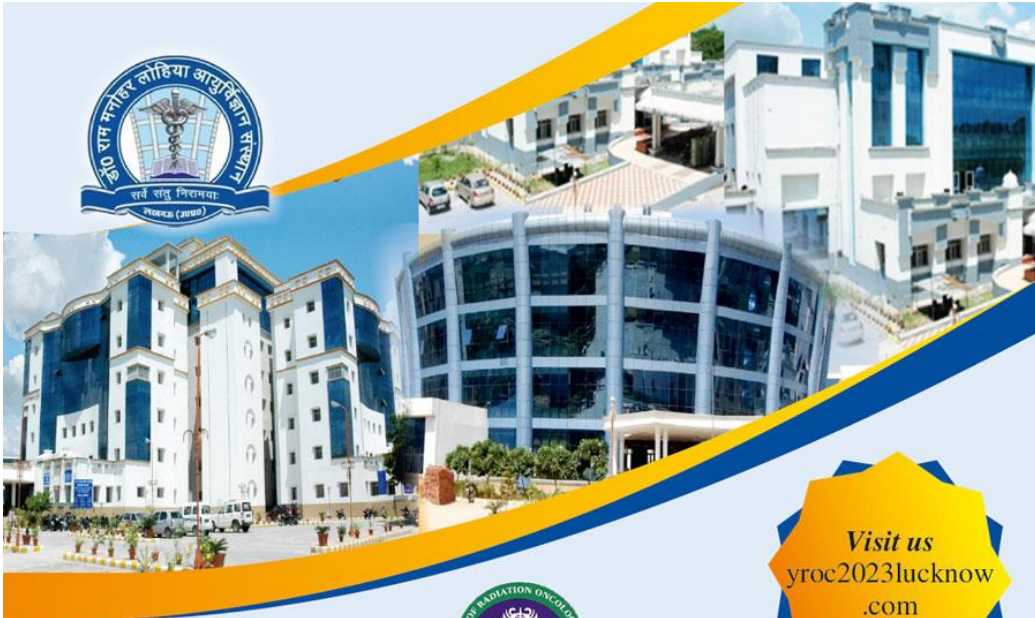
WEST BENGAL CHAPTER
-ANNUAL CONFERENCE-
2023

25-26th MARCH 2023
TAJ CITY CENTRE NEW TOWN
KOLKATA

- REGISTRATION / ABSTRACT SUBMISSION STARTS 1ST JANUARY 2023-

Upcoming

UPCOMING
MEETINGS




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9TH ANNUAL YOUNG RADIATION ONCOLOGISTS CONFERENCE

(Under the aegis of Association of Radiation Oncologists of India)

9TH YROC -2023

Theme: "Innovations in Oncology: Spanning New Horizon"



Dr. Ram Manohar Lohia

Institute of Medical Sciences

25th and 26th February 2023

Organized by:
Department of Radiation Oncology
Dr. Ram Manohar Lohia Institute of Medical Sciences
Vibhuti Khand, Gomti Nagar, Lucknow-226010 • Website: www.rmlims.ac.in
• Conference website: www.yroc2023lucknow.com • E-mail: yroc2023lucknow@gmail.com

Upcoming

UPCOMING
MEETINGS



ASSOCIATION OF
RADIATION
ONCOLOGISTS
OF INDIA



ASSOCIATION
FOR MEDICAL
UPDATE



ANNUAL CONFERENCE OF

ASSOCIATION OF RADIATION ONCOLOGISTS' OF INDIA

RAJ AROICON 2022

THEME : ONCOLOGY IN MODERN ERA: CURRENT PRACTICE
AND CHALLENGES

7th

8th

JANUARY 2023

Pre-Conference Workshop (Interstitial Brachytherapy) 6th January 2023

Host Institute

*Applied for RMC Credit Hours

GEETANJALI CANCER CENTRE

Geetanjali Medical College & Hospital, Geetanjali Medicity, Udaipur | Rajasthan | India

Upcoming

UPCOMING
MEETINGS

Joint Conference of:



3rd INDIAN CANCER CONGRESS 2023

CONTINUUM OF CARE IN CANCER

2nd - 5th November 2023
Jio World Convention Centre, Mumbai

 www.icc2023.in

We will invite Application for

**Best Papers, Fellowship, FICRO award early in month of April / May for ICC 2023
So we Ready with your Paper Abstracts early**

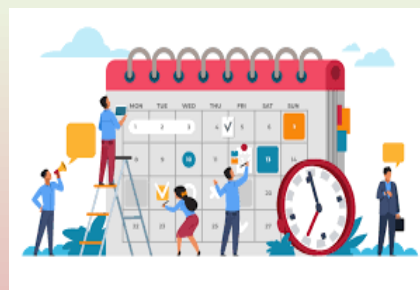
Dr. Rajesh Vashistha
Chair

Dr. Manoj Gupta
President

Dr. S. N. Senapati
President Elect

Dr. V. Srinivasan
Secretary General

Academic Calendar



ACADEMIC CALENDER, 2023

ASSOCIATION OF RADIATION ONCOLOGISTS OF INDIA
INDIAN COLLEGE OF RADIATION ONCOLOGY

ICRO/SUN PG				
1. TMH, Varanasi	6-7May, 2023	Dr S Pradhan	94152 28261	Gynecological Malignancies
2. SGRD, Amritsar	19-20 Aug, 2023	Dr Neeraj Jain	98142 99045	Adult & Pediatric Sarcomas
3.GMC, Thiruvananthapuram	16-17 Sep, 2023	Dr Bindhu	9447009238	Hypofractionation

ICRO/SUN PRODVANCE				
Targeted Therapy/ Immunotherapy Concurrent with Radiation				
1. (EZ) IGIMS, Patna	1-2 Apr, 2023	Dr Rajesh Singh	99390 88899	-
2. (SZ)HCG, Bengaluru	10-11 Jun, 2023	Dr Sridhar P S	98865 54972	-
3. (NZ) Royal Cancer Institute, Kanpur	5-6 Aug, 2023	Dr Anu Tiwari	94500 93066	-
4. (WZ) Aruni Hospital, Rajkot	7-8 Oct, 2023	Dr Hemendra Mod	97263 60025	-

ICRO/ INTASRADIOBIOLOGY (Prof Manoj Gupta)				
1.(WZ) Sterling Hospital, Ahmedabad	11 Feb, 2023	Dr Pooja Nandwani Patel	98257 39897	-
2. (NZ)SRMSIMS, Bareilly	15 Apr, 2023,	Dr Piyush Kumar	98976 93669	-
3.(EZ)JLNMMC, Raipur	1 Jul, 2023	Dr Pradeep Chandrakar	99079 80612	-
4.(SZ) SVIMS,Tirupati	3 Sep, 2023	Dr Pranabandhu	94935 47731	-

AROI-ESTRO				
1. Gynae	16-19 Mar, 2023	Dr HarjotBajwa	94935 47731	Indo American, Hyderabad
2.Head & Neck	26-28 May, 2023	Dr Sarbani Ghosh Laskar	98208 34386	TMH,Mumbai
3. Advanced Tech	30 Nov- 3 Dec, 2023	Dr Vijay Karan Reddy	99123 20002	Apollo, Hyderabad

Best of ASTRO				
Ruby Hall Clinic, Pune	15-16 Jul, 2023	Dr Bhooshan Zade	99678 35653	-

ICC				
Mumbai, 2-5 Nov, 2023				



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1. Please go to <https://aroi.org/>
2. In the Home page please find the link for **Members Login**, click on the button.
3. You will be redirected to a page named **AROI Member's Login**
4. In this page use your **registered e-mail id as Username** and **Password** to access Members Login.
5. In case if you **don't have the Password**, please **go to Seek/Forget Password?** displayed under the Log In button.
6. In this page you need to provide your **Registered e-mail id** and then
7. click on **Seek Password** button. *(After that please click on OK button under delivered message to move on to Log In window)*
8. Your **dedicated Password** will be sent to your **registered email**.
9. Please check your registered e-mail (Inbox/Spam) for **Password**.
10. Use the given **Password** for login with your registered email id as username.

11. NB: If you found this message "You email id does not match our records" while seeking the password, please contact AROI officials

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- You can edit your profile except your Name & LM Number.
- Here you can **download** the total membership details also. For that click on **Download Member Roaster**.

Seasons geetings

*AROI Wishes All Members
Happy, Healthy & Prosperous New Year*



Newsletter Editor

Dr. Vikas Jagtap

Associate Professor & HOD

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On behalf of Association of Radiation Oncologists of India (AROI)**