

AROI NEWSLETTER



December 2019 Vol.15, Issue 4

From the office of AROI

General Body Meeting Meeting :-

- The minutes of GBM meeting held during AROICON 2019 at Ahmedabad (Gujrat) & Winners of various AROI Awards & Fellowships are circulated for information to all esteemed members.

Dr. Rajesh Vashistha
President AROI

Dr. G.V. Giri
Secretary General AROI

Dr. Manoj Gupta
President Elect AROI



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AROI Message



Message from secretariat

Dear Friends,

- ❑ First of all wishing AROI family a very Happy New Year 2020. We wish health, happiness and progress for you and at the same time want our association to progress manifold.
- ❑ New plans to be executed along with the previous mandates given by GBM.
- ❑ Our aim is to clear all the pending tax for the pending years and for 12 A certificate, application has been filed. Hopefully we will be able to clear all income tax formalities this year. Thanks to our Chartered Accountant Mr. Rahul Jain for taking pains as his own for our association. The details are as under
- ❑ Income tax has been filled and cleared as mentioned below for the fiscal year

- 2010-2011 has been filed but case is being pending from Income tax Tribunal
- 2011-2012 cleared
- 2012-2013 cleared
- 2013-2014 pending from Income tax Tribunal
- 2014-2015 pending from Income tax Tribunal
- 2015-2016 pending from Income tax Tribunal
- 2016-2017 cleared
- 2017-2018 cleared
- 2017-2018 cleared

- 2018-2019 filed but pending

- ❑ Regarding academics, we are continuing with our same teaching programs . We are searching for other sponsors and avenues for new teaching program. Our aim for the teaching activities is to slowly become self dependent.
- ❑ Regarding compulsory subject of oncology in UG courses, Dr Kishore Singh will look after his perspective. For Dm courses as per GBM decision we will work for that.
- ❑ We are in touch with Finance ministry and are trying to reduce the import duties on the medical equipments.
- ❑ With the assistance and help of you all, we will be able to make protocols for different malignancies according to Indian conditions.
- ❑ In the end we will work unanimously for the progress of each member and association.

Again Happy New Year to All.



President AROI
Dr. Rajesh Vashistha



President Elect.
Dr. Manoj Gupta



Secretary General
Dr. G.V. Giri

AROI General Body Meeting



GBM MEETING 2019 MINUTES - 30/11/2019 time 6:00 PM

1. GBM was convened with the permission of the president AROI, but was adjourned due to lack of quorum. The GBM was again convened with the permission of President AROI.-Chair by Dr. Rajesh Vashistha.

2. The Secretary AROI started the GBM with paying homage to departed members - Dr Madhu Srivastava and Dr Prithvi Raj Paul, the house observed one minute silence. The president informed the GBM that condolence letters will be sent to the family members of the deceased.

3. The minutes of previous GBM was displayed & action taken on that.

a. Chart rounds under the leadership of Dr Vijay Anand Reddy were appreciated. Dr Vijay Anand Reddy made the point that the sponsorship for the chart rounds by Varian will come to an end by this year and has informed the house he will talk to the Varian management to continue the sponsorship for the next year chart rounds.

b. The Post PG ICRO Program & Medical Physicist course for PG students-Dr Vasishtha President AROI informed the house he is in talks with Elekta, Accuray & Team Best to sponsor for the program.

c. The AROI Sub committees formed as per GBM decision of AROICON 2018.

d. Dr Kishore Singh on behalf of AROI was given the mandate to pursue the matter of including Oncology in under graduate syllabus and making Radiation Oncology a mandatory department in medical colleges with discussion of Executive committee.

e. Re-designation of Past President –as a chair to assist new team

f. Regarding DM courses it was decided with the reconstitution of MCI to NMC the pursuance of the proposal for DM Radiation Oncology is under abeyance, will be pursued at appropriate time.

g. The amendment to definition of faculty and facilities provided to them in national conference was accepted and ratified.

h. Contribution for AROI conferences -Increase share for central committee from National conference from 12lakh to 25 lakh or 50% of saving which come maximum & 10 lakh for Journal(AROI Journal of Cancer Research and Therapeutics).

All last year GBM minutes & action taken- It was proposed in house by the Dr V Vyas and seconded by

Dr Madhup Rastogi, house passed by raising hands.

4. Provision of financial assistance to members to present papers (Oral presentation only) in major international conferences (ASTRO, ESTRO, FARO) up to Rs 50,000/- was accepted by the house, proposed by Dr Srinivasan and seconded by the Dr Umesh Mahantashetty.

5. Increase of Fellowship and Best paper award amounts- Fellowships –

- Neil Joseph - Rs 15,000 to Rs 20,000
- Dr GC Pant Young doctor Award - Rs 20,000 to Rs 30,000 (after completion of fellowship)
- Less than 35 years (In india) - Rs 20,000 to Rs 30,000
- Dr MS Gujral Gold Medal - Rs 10,000 to Rs 15,000
- Medical Physicist Fellowship- Rs 20,000 to Rs 30,000
- Dr MC Pant Gold Medal - Rs 7,500 to Rs 10,000
- Travel Grant - Rs 5,000 to Rs 7,500
- Medical Physicist Gold Medal - Rs 7,500 to Rs 10,000

6. It was brought to the notice of the house that a Letter to the Ministry of Finance and Ministry of Health-GOI, has been drafted and sent to give concessions to the import of above said equipment considering them as life saving. We are awaiting an appointment with the MOF & MOHFW.

7. Dr Vijay Anand reddy was asked to provide a proposal for collaboration of AROI and Middle Eastern countries for educational programs, NO FINANCIAL BURDEN TO AROI in fact they have to pay AROI for using logo.

8. The following are AROI ESTRO and Best of ASTRO Programs for 2020 and 2021.

AROI ESTRO GYNEC COURSE

- TMH, Mumbai (2020)
- R G Kar Medical college - Dr. Chandan Das Gupta (2021)

AROI ESTRO ADVANCED TECHNOLOGY COURSE

- Apollo Hospital, Kolkata- Dr. Tanweer Sahid (2020)
- AIIMS, Patna- Dr. Pritanjali Singh (2021)

Best of ASTRO

- Sri Guru Ram Das Institute of Medical Sciences, Amritsar (2020)
- Ruby Hall, Pune -Dr. Sumit Basu (2021)

In house Proposed by- Dr Srinivasan, seconded by- Dr Suresh Kumar -House Approved

AROI General Body Meeting



GBM MEETING 2019 MINUTES - 30/11/2019 time 6:00 PM

9. The names of FICRO awardees was announced and accepted.

- Prof H S Kumar, President Rajasthan Chapter
- Prof Pamela Alice K, CMC Ludiana
- Prof Punita Lal, HOD, SGPGI, Lucknow
- Prof Sarbani Laskar, TMH, Mumbai

In house Proposed by- Dr. Shyam Srivastav, seconded by – Dr. Satyajeet Pradhan- Housed approved

10. The following is the list of proposed venues for

ICRO programs 2020

AROI ICRO SUN	Post PG ICRO	ICRO Radiobiology
AIIMS Rishikesh	MIOT Chennai	SMSMC Jaipur
Sri Shankara Bangalore	AHRCC Cuttack	AIIMS Rishikesh
GMC Indore	Kokilaben Hospital Mumbai	MVRCC Calicut
	RR Hospital New Delhi	Paras Hospital Patna

ICRO Programs 2021

AROI ICRO SUN	Post PG ICRO	ICRO Radiobiology
TMH Varanasi	NZ –Royal cancer Institute Kanpur	
GRDS Amritsar	EZ – IGMC Patna	
Med College Thiruvananthapuram	WZ – Aruni Hospital Rajkot	
	SZ-	

In house Proposed by- Dr. S N Senapati, seconded by – Dr. Neeraj Jain, Housed approved

11. Dr Vashishtha informed the GBM that the AROI national body has renewed its registration. Certificate of society –Office of Registrar of firms & societies, Punjab

12. The New member count was 3606 as of date, the list of new members was ratified, proposed by Dr Siddharth Lashkar and seconded by Dr. S N Senapati

13. The following members were proposed for heading AROICON 2021 along with ICC with Maharashtra chapter consultation.

AROICON 2021:

- Organizing Chairman: Dr JP Agarwal
 - Vice Chairman: Dr Sarbani Ghosh Laskar
 - Organizing Secretary: Dr K Talapatra
 - Maharashtra Chapter President: Dr V Vyas
 - Maharashtra Chapter Secretary: Dr U Mahanthashetty
- In house Proposed by- Dr. Pooja Nandwani, seconded by –Dr. Surya Narayan, House approved

14. Financial statement was presented by the General Secretary Dr Giri.

AROI FD-Rs. 3, 45, 81,893

ICRO FD – Rs. 41, 14,489

TOTAL AROI/ICRO FD –Rs. 3, 86, 96,382

15. Proposed by Executive committee that Dr. K T Bhowmik will be the election commissioner again for the AROI elections 2020.

In house Proposed by –Dr. Kaustav Talpatra, Seconded by – Dr. Kahnu Charan Patro, House approved.

Dr. K T Bhowmik accepted & will start the next year proceedings.

16. Dr. K T Bhowmik, briefed about the 42nd National Conference of AROI & invite all to Delhi.

17. Dr. Dhairyasheel Savant invites all members to ICC 2021 in Mumbai.

The GBM thanked the organizing committee of AROICON 2019 for excellent work and the office bearers were facilitated.

ORATION AROICON 2019



Dr. Rangī Prasad Singh Memorial Lecture

During 41st Annual conference of Association of Radiation Oncologists of India (AROICON – 2019)
Ahmedabad, Gujrat, India - 29th November to 1st December 2019



Professor (Dr) K Ramadas

MD, DNB, FAMS, PhD

Head of Radiation Oncology

Regional Cancer Centre, Trivandrum

Cancer is a major public health problem across the world. In spite of the advances in diagnosis and treatment the mortality from most cancers in India has not declined. One of the reasons for this is most cases in India present in advance stages, resulting in poor treatment response and survival outcome. This indicates that we need to improve our efforts in early detection of cancers, which is often given less priority. Early detection of cancers is possible in two ways either by screening or early diagnosis.

Screening: Systematic application of an early detection test in a systematically invited asymptomatic population to detect a preclinical disease

Early clinical diagnosis: Searching for early invasive cancer in symptomatic individuals. Improved awareness and access to health services promote early clinical diagnosis.

Screening can be organized or unorganized. Organized screening, although more efficient and effective than unorganized programs, is a resource intensive intervention. It is done as per a protocol with predefined target population, screening test and frequency of screening. There is provision for systematic call and recall. It involves timely delivery of test results, additional investigations, treatment and follow up of screen positive cases. A centralized quality assurance is important. This screening database is often linked with cancer registration, death registration and insurance data bases. In unorganized screening the screening tests are provided to individuals on request or coincidentally by providers during routine health care delivery (opportunistic screening). There is no defined protocol on eligible populations, screening test, frequency of testing,

diagnosis, treatment and follow up care. This is less efficient and less effective than organized screening.

Early detection is associated with benefits and harms. It incurs additional costs to individuals and health services. False positive results, false negative results and over diagnosis are the major harms of screening. False positive results lead to unnecessary follow up investigations and biopsies. It causes anxiety and psychological distress to individuals. False negative results lead to false assurance to individuals with disease leading to late stage presentations. Over diagnosis means identification of indolent cancers which may not become symptomatic during the lifetime of the individual and leads to unnecessary investigations and treatment producing unwanted morbidities.

There are several requirements for screening. The disease under consideration should be an important health problem in that particular country/region. Screening should not be attempted for cancers with low incidence rates so that they are not a major burden in a given setting. There should be a suitable screening test which is simple, non-invasive, cheap and acceptable to the community. There should be an effective, affordable and accessible treatment available for the early disease under consideration and the outcome of treatment is better for early stage disease compared to the one with advance disease. There should be high quality data that exists indicating that screening program cost effectively reduces morbidity and mortality from disease and the potential benefit from screening out-weighs the harms. There should be adequate human and financial resources available to handle the extra disease load arising from the screening program. There should be good quality assurance program with appropriate monitoring.

In India breast, cervix and oral cancers are the leading cancers constituting about 34% of the total burden¹. These cancers are amenable to screening and early diagnosis. In India breast cancer is the commonest cancer among women, constituting about 1.62 lakh incident cases and 87000 deaths². The incidence of breast cancer in most Asian countries, including India, is on the rise. Breast self-examination, clinical breast examination (CBE), ultrasonography, mammography, fine needle aspiration cytology are the common modalities for early detection of breast cancer.

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Magnetic resonance imaging is useful in selected situations such as high risk women with BRCA mutations. A pooled analysis of the efficacy of mammography showed 19% and 25% reduction in mortality among women in the age group of 40-49 and 50-59 years³. The Trivandrum Breast Cancer Screening Study is a randomized controlled community based screening trial initiated in 2006. This study showed a survival benefit (73 vs 66%) in the screening arm using a package of intervention consisting of improving breast awareness and providing CBE. Permutation combinations of mammography, ultrasound & fine needle aspiration cytology/biopsy were offered to triage CBE positive cases. After 3 rounds of screening at three year intervals, survival significantly improved in the screening arm but there was no significant reduction in breast cancer mortality in the intervention arm compared to the control group who received routine care⁴. Similar results were also observed in another study from Mumbai⁵.

Cervical cancer incidence is high in India especially in rural areas. Conventional cytology (PAP smear)/ Liquid based cytology, Visual inspection with acetic acid staining(VIA), visual inspection with Lugol's iodine and HPV testing are the common methods used for screening. Conventional cytology is most widely used cancer screening test which has resulted in considerable reduction in disease burden in developed countries. VIA screening is the most feasible, readily implementable cervical cancer screening method in low and middle income countries. VIA screening is best suited for single visit screen and treat approach which has substantial programmatic advantage in low and middle income countries. HPV testing is highly objective and robust. It is accurate, effective and reproducible, but expensive. Randomized studies done in India showed HPV testing reduces the incidence of advanced stage at presentation and mortality from cervical cancer⁶. Until affordable and feasible methods of HPV testing is available, VIA screening is the best method of early detection in cervical cancer.

Oral cancer is another important problem in India. One third of the total burden of the disease in the world is in India. Oral visual inspection, mouth self-examination, brush cytology, toluidine blue staining, light based systems and salivary biomarkers are the commonly used methods for early detection of oral cancer. Visual

inspection of the oral cavity is the most widely evaluated screening method. The Trivandrum oral cancer screening study has shown 34 % reduction in mortality among habitués who use tobacco and/or alcohol⁷. This study also showed that oral visual inspection is cost effective and can be easily integrated into the existing health care system.

Organised screening is highly resource intensive and needs adequate health care infrastructure, trained manpower and financial resources. It needs a documented policy defining the target population, screening frequency, triaging and additional investigations and management. It should have call/recall systems with inbuilt quality assurance. This program should be supported by a program information system that allows monitoring/evaluation and should have links with cancer registry and other relevant data bases.

India's health care system is highly under developed and fragmented. The private sector accounts for 63% of the hospital beds in India. The country is 81% short of specialists at rural community health centres. There is considerable shortage of infrastructure for providing screening, and diagnosis and treatment of screen positive individuals.

Lack of cancer screening culture in the health services with minimal understanding of the concept and requirement of the organized screening program are the major challenges we face. Limited human resources and infrastructure capacity to offer screening, limited capacity for triage/diagnostic services for screen positive persons and extremely limited triage/diagnostic and treatment are the important challenges in India. Ambiguous policies with no financial backing and lack of commitment for long term sustenance of programs are important barriers for organized screening programs in India. Transient health service managers with frequent transfers and shrinking public health services are other barriers. There is a disconnect between policy and implementation.

Current environment in India is conducive for improving awareness and early cancer diagnosis. There is increasing insurance penetration in the population either through personal or government supported schemes. Digital India platform has revolutionized the communications even in rural India.

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E-health initiatives and internet facilities has helped in improving cancer awareness among public and professionals. Government of India initiative through Ayushman Bharath is giving importance to prevention, screening and management of non-communicable diseases including cancer. National Health Mission is taking very good interest in prevention and screening. Unless substantial vertical investments are made in health care infrastructure, it is not possible to introduce population based cancer screening programs in India. Development of guidelines for detection, triaging and management of diseases is required. Development of proper care pathway will help in avoiding delays in diagnosis and treatment. Investments made in poorly conceived and poorly implemented screening programs can lead to substantial wastage of health care resources and may divert funds from other pressing needs. Such a tendency to invest in halfhearted screening programs should be avoided at any cost. Given the substantial challenges and barriers for organized cancer screening, improving population and professional cancer awareness and encouraging early clinical diagnosis will be the best early detection option for India for several years to come

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Dr. K Ramadas– Receiving Dr. Rangī Prasad Singh Memorial Lecture oration at AROICON 2019

ORATION AROICON 2019



Prof. K A Dinshaw Memorial Oration

During 41st Annual conference of Association of Radiation Oncologists of India (AROICON – 2019)
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Eduardo Zubizarreta – zubi

Head of the Applied Radiation Biology and
Radiotherapy Section (ARBR) at the International
Atomic Energy Agency (IAEA)

Dr Dinshaw was born on 16 Nov 1943 at Kolkata. She had four sisters: Navaz Jamshed Modi, Dun Sammy Ayrton, Kamal Nisar Siddique, and Kolly Dara Dubash, who was her twin sister.

Her basic education was in Kolkata and later she moved to Vellore to study medicine. She always wanted to be the surgeon.

During her MBBS training her teacher introduced her to Dr Solomon Padam Singh, who was well known radiation oncologist at Vellore. He convinced her to be radiation oncologist. He made all arrangement for her to go to Cambridge at Addenbrooke's Hospital. Before joining Cambridge, she worked at New Castle upon Tyne with Mr Bill Russ. At Cambridge she worked with Prof Mitchell, who was testing the radiosensitizer Synkavit and running a trial on hyperthermia. This motivated her for conducting clinical trials in the future. During her tenure of FRCR she worked under Dr John Terence Wheeler, who had written book on radiotherapy. She completed her FRCR on 16 December 1973. She planned to work at Vellore.

Before joining at Vellore, she went to Mumbai just to have holidays with one her sisters. One of her relatives asked her to meet Dr Jussawala and explore if she could

work at the Tata Memorial Hospital. Reluctantly she took an appointment with Dr Jussawala and reached TMH.

There she met Dr Jussawala, Dr Paymaster, Dr PB Desai and Dr JM Pinto. It was not a very good interview in her opinion, it appeared that Dr Pinto did not liked her to join. However, she was selected, and Dr Desai phoned her to join TMH, which she did in May 1974. She was appointed Head of the Radiotherapy Department in 1980, and Director of the Hospital in 1997.

She has been instrumental in initiating several programs at TMH.

She was left handed, and famous for using green ink, strict for punctuality, and ethics. She was a tough administrator and always was prepared for any meeting ahead to leave a good impression to the organisers of the meeting. The charming lady, always in a beautiful Sari and Bindi was a stickler for decorum & discipline and no one could take her for granted. Her passion and persona radiated to every nook and corner of the Tata Hospital and nothing ever escaped her scrutiny. Having spent her entire working life at Tata Hospital she became a doctor and benefactor to many, teacher to some, instructor to some, motherly to some and often a 'blend of all' to many. Madam left behind a legacy of systems, standards, people and ideas. It was difficult to keep her away from art, sculpture & artists. An angel for the green world who ferried trees from all over the world to ACTREC. She supported several NGOs and was the founder and President of the Women's Cancer Initiative.

She was bestowed with the Padma Shri award from the Government of India in 2001 for her exemplary services for oncology, and also won several national and international awards for her work.

She promoted the collaboration between TMH and the International Atomic Energy Agency, which proved to be very fruitful with Tata participation in many research sturdies organised by the Agency. TMH proved to be a leader institution, providing experts to co-author several IAEA publications.

One of her last emails is reproduced below.

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From: Ketayun Dinshaw <kadinshaw@gmail.com>
Sent: Wednesday, 09 December 2009 08:00
To: ZUBIZARRETA, Eduardo Hernan <E.H.Zubizarreta@iaea.org>
Subject: Hello from Vienna

Dear Zubi,

I was so pleased to hear from you last month. Thank you so much for all the kind words and sentiments expressed by you.

My association with all the colleagues in the IAEA has always been such a pleasure which I have always cherished and enjoyed. I am so happy that this association grows from strength to strength between my friends in TMH, Mumbai and yourselves.

Thank you so much for supporting me during these days of my illness. The last Pet-CT has shown a good response. My Oncologist has recommended that I continue with three more cycles of Chemotherapy which I am continuing.

Please accept my best wishes for a wonderful Christmas and a bright New Year to all of my friends in the agency.

With personal regards,

Katy Dinshaw

After losing her battle with cancer she left us on Friday 26 August 2011. But her legacy continues to be enormous, not only with everything she did for TMH and her

country, but for the generations of radiation oncologists she educated, who now carry her torch, and the memory left with her friends and admirers.



Dr. E Zubizarreta – Receiving Prof. K A Dinshaw Memorial Oration
at AROICON 2019



Padma Shri (Prof.) K A Dinshaw

CONFERENCES



41st AROICON 2019

28th November – 1st December 2019, Ahmedabad

Update from : Dr. Pooja Nandwani Patel

The Gujarat Cancer & Research Institute (GCRI) and AROI Gujarat Chapter (Association of Radiation Oncologists of Gujarat) conducted successfully 41st National Conference of Association of Radiation Oncologists of India at India's first 'Heritage City', Ahmedabad during 28th November to 1st December 2019 under the dynamic leadership of Dr Pooja Nandwani Patel, Organizing Secretary AROICON 2019.

AROICON 2019 was a phenomenal success by 1500 + delegates from different parts of the country and with 512 + abstract submissions which is one of the largest and unprecedented in the history. The Organizing Chairman Dr U Suryanarayana and Co Organizing Chairman Dr Kinjal Jani and Dr Ankita Parikh very proudly stated that the conference started with a full hall workshop by the Indian College of Radiation Oncology (ICRO) with tailor-made teaching sessions for the budding Radiation Oncologists about the cutting-edge technological advancements for the cancer treatment based on the theme – 'Precision Techniques in Radiation Oncology.' The ICRO workshop was attended by more than 350+ attendees with full zest to learn the precision techniques.

AROICON 2019 spanned over 4 days comprised of 75+ scientific sessions based on the theme, 'Inception, Evolution, Evidence & Future in Oncology' held at the mighty campus of Gujarat University Convention & Exhibition Center (GUCEC). This year the theme emphasized the importance of connecting patients with this high-tech environment and cutting edge technological advancements. To both improve their lives and to accelerate further cancer research programs in the field, AROICON 2019 was really instrumental.

The scientific sessions comprise of renowned faculties from all over the nation and about 20+ eminent international faculties like Dr Eduardo Zubizarreta, Dr Anita Mahajan, Dr Anuja Jhingran, Dr Vincent Gregoire, Dr Michael Brada and many others from globally reputed cancer institutions like The M D Anderson, USA; The Mayo Clinic, USA; Gustave Roussy, France; Peter Mac Callum, Australia. The eminent national faculties from all over the country like Dr G K Rath, Dr M R Rajagopal, Dr

Vijay Anand Reddy, Dr Ramdas, Dr Vivek Kaushal, Dr Sarbani Laskar, Dr Rakesh Jalali, Dr Siddhartha Laskar, Dr Umesh Mahantshetty, Dr Anusheel Munshi, Dr Shyam Bisht, Dr Ghanshyam Sahni, Dr S D Sharma, Dr Dayananda Sharmurailatpam, Dr Srinivaas Chilikuri, Dr Kaustav Talapatra and many others made the scientific program more impactful with interesting discussions and information shared regarding the latest in the field of Radiation Oncology. There were many interesting debates on very much needed controversial topics so as to get the common consensus amongst the fraternity at the end.

There were huge prizes for quiz and abstract presenters as a token of appreciation and increasing the morale of students and young budding radiation oncologists. Many AROI members also availed the travel fellowships and would enrich their academic experience with training programs.

Dr Pooja Nandwani Patel understanding the importance of women in their professional as well as personal life had the CHILD CARE ROOM feature first time in the history of AROICON to have women do their personal and professional commitments at its best. According to Government of Gujarat's eco-friendly policy abstract presenters were allowed to do Electronic posters only to save paper.

In order to make the delegates relax after full day scientific discussions and experience the tradition and culture of Gujarat, cultural Garba and dinner program was kept at Sabarmati Riverfront. The traditional costumes, Maha Arti program on the bank of Sabarmati River with Dandiyas and traditional Gujarati folk dance was fully enjoyed by delegates and made the program very colorful and vibrant.

The members of Gujarat Chapter of Radiation Oncologists –Dr Pooja Nandwani Patel, Dr Suryanarayana, , Dr J P Neema, Dr Kinjal Jani, Dr Devang Bhavsar, Dr Sonal Patel Shah, Dr Maitrik Mehta, Dr Samir Batham, Dr Vivek Bansal and the whole team look forward to host AROICON with cheerful and warm hospitality in future. anytime again.

CONFERENCES



41st AROICON 2019

28th November – 1st December 2019, Ahmedabad

Update from : Dr. Pooja Nandwani Patel



CONFERENCES



33rd ICRO-PG Teaching Program 12th -13th October 2019, Dr RMLIMS, Lucknow

Update from : Dr. Madhup Rastogi

The 33rd ICRO-PG teaching program on “Pediatric malignancies” was held at the Department of Radiation Oncology, Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow on 12th-13th October 2019. The course was attended by over 70 postgraduate residents from different parts of the country. The course was inaugurated by Prof Kamal Sahni Ex-DGME Uttar Pradesh and Prof Rajan Bhatnagar Executive Registrar Dr RMLIMS. The course was conducted under the chairmanship of Prof Madhup Rastogi and Dr Ajeet Gandhi as the course coordinator.

The teaching course covered various aspects of pediatric malignancies including the basics as well as site wise management of various tumors. The topics covered were principles of chemotherapy and radiotherapy; advantages and pitfalls of pediatric IMRT, proton beam therapy and brachytherapy; Imaging for pediatric brain tumors; Management of medulloblastoma, glioma, Wilms tumor, Neuroblastoma, Rhabdomyosarcoma, Ewing Sarcoma, Lymphoma and Leukemia, Osteosarcoma, Retinoblastoma and Long-term radiation sequelae and

second malignancies. The teaching faculties included Prof Rohini Khurana, Dr Shantanu Sapru, Dr Ajeet Gandhi, Prof Punita Lal, Prof Neeraj Rastogi, Dr Shalini Singh, Dr Shagun Mishra, Prof Siddhartha Laskar, Dr Nehal Khanna, Dr Renu Madan, Dr Ahitagni Biswas, Dr Sapna Marcus, Dr Arun Shankar, Dr Lincoln Pujari, Dr Anu Tiwari and Dr Govardhan.

The teaching course was very interactive and was expressed to be useful by the participants. Quiz conducted at the end of the course was won by Dr Avinash P (First Position), Dr RMLIMS, Lucknow and Dr Swarnaaditya Roy (Second Place) from AIIMS, New Delhi.

Valuable academic and career tips were given by Dr Siddhartha Laskar and Dr G V Giri to the post graduate students on how to excel in the radiation oncology field and become an empathic doctor with good communication skills. The course ended with vote of thanks by Prof Satyajit Pradhan, ICRO Chairman and Dr Sreenivasan, ICRO Secretary who conducted the course successfully.



CONFERENCES



AROI - ESTRO Teaching Course **9th November – 12th November 2019, Varanasi**

Update from : Dr. Sunil Choudhary

In a prodigious teaching course hosted by Department of Radiotherapy and Radiation Medicine, Institute of Medical Sciences, BHU, the Radiation Oncology community was apprised with the 'Advanced Technologies in Radiation Oncology'. Spanning over 4 days, the teaching course was gilded by 3 guest speakers from ESTRO including esteemed Professor Coen Rasch along with eminent speakers from all over the country.

With a total participation of 150 delegates, the academic event was attended by Radiation Oncologists, Medical Physicists and Radiotherapy Technologists from various Institutes in India as well as Vietnam and Nepal. Beginning on 9th of November, 2019, the inaugural function was graced by Prof. V.K.Shukla, Pro-Vice Chancellor of Banaras Hindu University as Chief Guest and Prof. R.K.Jain, Director of IMS, BHU as Guest of Honor. The entire event was spearheaded by the

Organizing Chairperson, Prof.U.P.Shahi and Organizing Secretary, Dr.Sunil Choudhary, under the able supervision of Dr. Rajesh Vashishth, President AROI.

The course has been accredited credit points by European Accreditation Council and received 16 hours of CME accreditation by Medical Council of India. Cultural events and gala dinner night and Subah-e-Banaras were the revivifiers amidst the rigorous 26 hours academic programme. The event was marked with facilitation of Professor Coen Rasch as this was his last visit to India as Course Director of AROI ESTRO Teaching Programme. The teaching course with contouring workshop and hands-on experience, served to boost the expertise and confidence of the caregivers associated with treatment of cancers in the recent advancements of the field. The event ended with handing of the certificates to each participant.



CONFERENCES



11th SRMS Contouring Classes **14th December – 15th December 2019, Bareilly**

Update from : Dr. Piyush Kumar

A two day 11th hands on workshop of SRMS Contouring Classes with the theme “Contouring of Pelvic Malignancies” was held on 14th-15th December, 2019. This was the first time that department was forced to repeat the workshop within 5 weeks on request of residents from different institutes. This workshop aims to teach faculty and residents about the contouring concepts- identification and delineation of normal structures, OARs and CTVs on TPS.

Senior Residents and Junior Residents from AIIMS (Rishikesh), Dr. Rajendra Prasad Govt. Medical College (Kangra), Kamla Nehru Memorial Hospital (Allahabad), KGMC (Lucknow) and S.N. Medical College (Agra) attended this workshop.

The Medical Physics team demonstrated the VMAT planning of Cancer Cervix which was followed by the live demonstration of delivery of Radiotherapy by IGRT technique. The Instructors for the course were Senior Residents and third year residents of the department.

The workshop was well appreciated by delegates and the feedback was very motivating. The resident from KGMC (Lucknow) Dr. Abigail, who attended this contouring session for first time, commented “A very beautiful workshop. I would recommend every resident to attend this workshop in their residency. Many gaps in our knowledge filled by our tutors and consultants. SRMS RT department is truly admirable and every inspiring to be here”.



CONFERENCES



12th AROI-ICRO Radiobiology teaching course (West Zone) 5th October 2019, Loni (Maharashtra)

Update from : Dr. Vandana Jain

12th AROI-ICRO Radiobiology teaching course program (West Zone) on clinical Radiobiology for Radiation Oncologist was held at Pravara Institute of Medical Sciences - DU on 05th October 2019 from 09.00 am to 05.00 pm, with the support of Honorable Pro-chancellor, Dr. Rajendra Vikhe Patil. The guest of honor and also the course director was Dr. Manoj Kumar Gupta, Dean Academics, Professor and Head of Radiation oncology, AIIMS, Rishikesh. The inauguration ceremony was started with the tribute to the great visionaries behind the institute late Padmashri Dr. Vithal Rao Vikhe Patil, Late Padmabhushan Dr. Balasaheb Vikhe Patil and Late Rajmata Shrimati Sindutai Eknathrao Vikhe Patil, in the presence of Honorable Vice chancellor, PIMS, Dr. Y. M. Jayraj, Executive Director, Honorable Shri. Punjabrao Aher, Honorable Dean of Rural Medical College, AVM

(Retd.) Dr. Rajvir Bhalwar, and honorable Medical Superintendent Col. (Retd.) Dr. P. K. Thakur.

Dr. Manoj Kumar Gupta delivered 3 modules before lunch and 2 after lunch, covering all the important topics of Radiobiology. It was a very informative and interactive session between Dr. Manoj Kumar Gupta and the 45 participants from our own institute, from Maharashtra and other parts of the country at the Padmabhushan Dr. Balasaheb Vikhe Patil Lecture Hall Complex, Rural Medical College, PIMS, Loni.

The entire course was coordinated by Dr. Vandana Jain, Prof. & Head, Department of Radiation Oncology, Rural Medical College, with all the infrastructural and managerial support by PIMS, DU. The education program was supported by unconditional grant from Intas Pharmaceuticals Limited.



CONFERENCES



VII Head and Neck Forum

15th – 17th November 2019, Jalandhar (Punjab)

Update from : Mr. Deependra Singh Tomar (Patel Hospital)

Head and Neck Forum VII on Minimizing Morbidity/Courting Controversy and the 6th Annual Endoscopic Head and Neck Surgical Workshop was conducted on Nov 15-17 at Hotel ITC Fortune, Jalandhar by Patel Hospital & Multidisciplinary Cancer Symposium.

The Multidisciplinary Cancer Symposium is a not-for-profit organization, which conducts physician-focused initiatives to propagate best management practices in head and neck disease. Seven editions of the Forum have now seen a cumulative attendance of over 2600 doctors from India and abroad.

Event highlights included the nation's first themed workshop on endoscopic/endoscope-assisted otolaryngology and head neck oncology, featuring endoscopic, laser and robotic surgery. The event also featured the first-ever forum in the country on morbidity mitigation. We had over 400 doctor participants and over 100 regional and national faculty across multiple

disciplines.

There were engaging deliberations and debates which ensured a nearly full house across all three days. We were partnered by multiple relevant regional and national organizations including the FHNO, IMA, ASI, IASO and AOI NW Zone, and were granted 12 academic hours by the Punjab Medical Council. Attaching some press coverage pertinent to the event.

Of special note was the Trainee Miniforum, where in addition to gaining perspectives on training opportunities in India, many teams from across NCR Delhi, Haryana and Punjab participated in the head and neck themed quiz. The teams from Patel Hospital and GMC Amritsar placed first and second respectively.

The forum ended on a positive note of increasing multidisciplinary care, standardization of protocols and encouraging and expanding specialized oncology training.



CONFERENCES



4th FARO & Council Meeting **14th – 16th November 2019, Shenzhen (China)**

Update from : Dr. Tomoaki Tamaki (Deputy Secretary General)

The FARO Council Meeting 2019 was successfully held by the Council Officers with the participation of the Council Members and their alternates of 11 Member Organizations. The Council Members from Singapore Radiological Society were absent from the Meeting.

1. The Council Meeting approved the request from Myanmar Society for Radiation Oncology (MSTRO) to join FARO.
2. The Council Meeting approved the request from Mongolian Society for Radiation Oncology (MOSTRO) to join FARO.

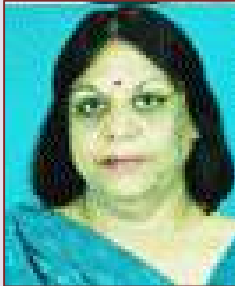
3. To prepare the FARO Council Meeting which is scheduled in 2020 in Thailand.
4. The Council Meeting accepted Davao City, Philippines to be the venue of the 5th FARO Meeting in 2021.
5. The Council Meeting decided that the Council Members will entrust FARO Council Officers to negotiate with ESTRO regarding the possible MoU for joint conferences of ESTRO and FARO based on the results of this discussion. In the current discussion of MoU for joint conferences with ESTRO, the Council Meetings agreed on the following points.



CONFERENCES



Obituary



Dr Madhu Srivastava
MBBS , DMRE, MD

1st January 1946 to 21st October 2019

- AROI- LM 164
- MBBS from J & K university 1972
- DMRE Lucknow University in 1974
- MD (Radiology) Lucknow University in 1976
- Joined as Adhoc Demonstrator in Radiology in 1976 and retired as Professor & Head of department of Radiotherapy between 2000 – 2007 at KGMC, Lucknow.
- She has contributed significantly for the development of UP Chapter.



Dr Pruthvi Raj Paul
MBBS.,DMRT, MD

6th September 1947 to 8th September 2019

- AROI – LM 255
- MBBS from KMC, Mangalore 1976
- DMRT Bangalore University in 1982
- MD Bangalore University in 1990
- Joint secretary and secretary of Karnataka chapter of AROI 1992 to 1998.
- Owner of Paul's Clinic & Hospital, Bangalore.
- Very active in palliative care and Community Medicine



Prof (Dr) Subrata Kumar Sengupta
MBBS.,MD

Departed 14th Dec 2019

- AROI – LM 269
- Ex. Professor & Head, Department of Radiotherapy, NRS Medical College & Hospitals
- Formerly Professor & Head, Department of Radiotherapy, Medical College Kolkata
- Eminent Teacher & Dissertation Guide for MD Students
- Numerous Publication in National & International Journals

AWARDS & FELLOWSHIPS



WINNERS OF AWARDS AND FELLOWSHIPS AROICON 2019

Above 50 Years Fellowship

- **Dr Manish Gairola** Rajiv Gandhi Cancer Institute & Research Centre, Sector-5 Rohini, New Delhi-110085
- **Dr. Pamela Alice Jeyraj** Christian Medical College & Hospital, Ludhiana- 141008

Waiting

- **Dr Suparna Gosh** Calcutta National Medical College & Hospital Kolkata

Fellowship 40-50 years

- **Dr Sunil Chaudhary** Institute of Medical Sciences Varanasi -221005
- **Dr Gautam K Sharan** M N B Cancer Institute, Inlaks & Budhrani Hospital Koregaon Park, Pune

Fellowship 35-40 years

- **Dr Supriya Mallick** AIIMS-New Delhi
- **Dr Abhishek Basu** R. G. Kar Medical College & Hospitals, Kolkata
- **Dr Tiranjan Basu** HCG Cancer Centre, Borivali (W), Mumbai

Waiting

- **Dr Divya Khosla** PGIMER, Chandigarh

Fellowship 30-35 years - Overseas

- **Dr Ayush Garg** Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly
- **Dr Ritika Harjani** P. D. Hinduja Hospital, Mumbai
- **Dr Soumya Pruthviraj** Vadamalayan Integrated Cancer Centre, Madurai.
- **Dr Rohit Singareddy** Indo American cancer hospital and research institute, Hyderabad

Waiting

- **Dr Koustav Majumder** Mohonananda cancer hospital Durgapur

Less Than 35 years Within India

- **Dr Subeera Khan** GMCH, Nagpur, Maharashtra

Waiting

- **Dr Saikat Bhowal** PGIMER & R Chandigarh

Neil Joseph Fellowship

- **Dr Ajitesh Avinash** A.H.R.C.C., Cuttack
- **Dr Kuntal Ray** R.G. Kar Medical College, Kolkata - 700004
- **Dr Hambir Chaudhary** R G Kar Medical College & Hospital, Kolkata
- **Dr Bhanu Vashishta** CMC Medical college & Hospital, Ludhiana
- **Dr Kavita Sherawat** MAMC & LNH, Delhi
- **Dr Kumar Prabhat** MAMC & LNH, Delhi
- **Dr Ankita Mehta** Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly
- **Dr Arya Pradhan** A.H.R.C.C., Cuttack

Waiting

- **Dr Nidhi Sharma** AIIMS Rishikesh
- **Dr Vinod Kumar Selvaraj** Basavatarakam Indo American Cancer Hospital and Research Institute, Hyderabad

Fellowship -Medical Physicist

- **Mr. Gaganpreet Singh** PGIMER, Chandigarh

AWARDS & FELLOWSHIPS



WINNERS OF AWARDS AND FELOWSHIPS AROICON 2019

Best Proffered paper More than 40 years

- **Dr Madhup Rastogi** Dr.RMLIMS, Vibhuti Khand, Gomti Nagar,Lucknow - 226010 (U.P) INDIA
- **Dr. Kanhu Charan Patro** Mahatma Gandhi Cancer Hospital & Ri,1/7,Mvp,Viskhapatnam,Ap,India530017

Best proffered paper Less than 40 years

- **Dr. Supriya Mallick** AIIMS-New Delhi

Dr GC Pant Young Doctor Award

- **Dr Rishab Kumar** Institute of Liver and Biliary Sciences New Delhi.

Dr. MS Gujral Gold Medal

- **Dr Ankita Mehata** Shri Ram Murti Smarak

Dr. MC Pant Gold Medal

- **Dr Treshita Dey** PGIMER, Chandigarh

Travel Grant

- **Dr Hambir Chaudhary** R G Kar Medical College & Hospital, Kolkata
- **Dr Kritika Mehrotra** Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly
- **Dr Moumita Paul** Dr. B Borooah Cancer Institute, Guwhati
- **Dr Nidhi Sharma** AIIMS Rishikesh
- **Dr Sagar N Raut** AIIMS Rishikesh

Gold Medal Medical Physicist

- **Mr Balbir Singh** Max Superspeciality Hospital,Bathinda



UPCOMING



AROI - ICRO PROGRAMMES- 2020

Dr. V.Srinivasan, Secretary-ICRO

Email: secretaryicro@gmail.com , Mobile:9841022366

Programme	Place	Organizer
AROI SUN ICRO TEACHING COURSE-2020	AIIMS, Rishikesh	Dr. Manoj Gupta
	Sri Shankara Hospital Bangalore	Dr. G.V. Giri
	MGM Med College, Indore	Dr. Preeti Jain
PRODVANCE -2020	SZ-MIOT, Chennai	Dr. V. Srinivasan
	EZ -AHRCC, Cuttack	Dr. SN Senapati
	WZ-Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute	Dr. Kaustav Talaptra
	NZ -Army hospital RR Delhi cantonment, New Delhi	Dr. (Col.) Ashok Kumar
INTAS RADIOBIOLOGY COURSE- 2020	EZ -Paras Hospital Patna	Dr. Shekar Khesri
	WZ-SMS, Jaipur	Dr. Shantanu Sharma
	NZ- AIIMS, Rishikesh	Dr. Manoj Gupta
	SZ- MVRCC, Calicut	Dr. Dinesh Makun, ,
AROI ESTRO-2020	AROI ESTRO GYNE COURSE 2020 TMH, Mumbai	Dr. Umesh Mahantashetty
	AROI ESTRO ADVANCED TECHNOLOGY COURSE 2020 Apollo Hospital, Kolkata	Dr. Tanweer Sahid
BEST OF ASTRO- 2020	Sri Guru Ram Das Institute of Medical Sciences, Amritsar	Dr. Neeraj Jain
Young Radiation Oncology Course YROC - 2020	Kovai Medical Center and Hospitals	Dr. R Madhu Sairam

Sun ICRO Course- For 2nd and 3rd year MD/DNB Radiation Oncology Students, PRODVANCE- For Young Radiation Oncologists- Post PG up to 10 years

UPCOMING...



42nd Annual Conference of Association of Radiation Oncologists of India
AROICON 2020
 "Personalizing Isodoses, Curing Lives"

26-29 November
 Manekshaw Auditorium
 Delhi Confl., New Delhi

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Dr. NEERAJ JAIN,
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4th AROI - ESTRO GYN Teaching Course
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Department of Radiation Oncology,
 Tata Memorial Hospital, Mumbai

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UPCOMING...



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This issue is brought to you by
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Associate Professor & HOD

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On behalf of Association of Radiation Oncologists of India (ARO)