

RADIOLOGY NEWS

The Official Newsletter of Sri Lanka College of Radiologists

January 2018-Volume 20-1 ISSN 22791930

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EDITORIAL

Editorial board wishes to congratulate outgoing SLCR president Dr. Shanthini Rosairo and her energetic council members for conducting a highly successful and well attended Annual Academic Sessions in Grand Kandyan Hotel. In this newsletter we have included the pictures of the proceedings of SLCR sessions 2017 and the banquet hosted by the SLCR at Earls Regent Hotel Kandy. A detailed summary of the president's speech delivered at the inauguration of the academic sessions is included in this newsletter as a special feature.

We greatly appreciate the courage and hard work of the former president SLCR and her council for conducting the most important academic activity of the year outside Colombo after many years.

This newsletter carries the highlights of the annual general meeting of SLCR held at the LRH auditorium where president elect 2017 Dr. A. S. Pallewatte and his council assumed office of SLCR.

We wish new president and his council all the very best for the year ahead and look forward for their support in developing academic, research and professional standards of the SLCR.

We have also included the news of annual dinner hosted by SLCR held at Cinnamon Grand Hotel to honor the services of visiting Royal College examiners of recently held MD radiology examinations.

The editorial board wishes to inform the membership that next volume of the SLJR will soon be on line and thank the authors and reviewers for their contribution.



AWAIT... AAS OF SLCR 2018, COLOMBO, SRI LANKA ~ 24-26 AUG, 2018

PRESIDENT'S MESSAGE



As I enter my term 2017/18 as the president of SLCR with great enthusiasm, I look forward to developing more opportunities to improve practicing standards of our radiologists and academic quality of radiology trainees. It is in fact a continuing process and therefore SLCR should become their professional community for life.

We are making a remarkable progress in transforming our college into an internationally competitive body sharing our successes. This newsletter and the

Journal of Sri Lanka Radiologists along with SLCR website are the great pillars that make this message communicated across many different platforms. Our honorary editors and web administrators deserve credit for their endeavors in this regard.

We have so many challenges to face as the Sri Lanka College of Radiologists since this is the critical time we have to elevate our training programme to suit international standards while optimizing numbers to suit demand and not in excess. We are also now gradually succeeding in creating an increased level of recognition of our essential role in multidisciplinary environments.

I am sure we can be justifiably proud of what we have achieved so far and look forward to another successful year along the same path.

I wish all of you success in the term ahead and hope you will continue with your unstinted support to the college in the future too.

We don't seek awards and honors but we must create milestones as we tread along. It is the excellence itself that we strive for, not the praise and publicity that it brings.

Dr. Aruna S Pallewatte

President

SLCR

THE ANNUAL ACADEMIC SESSIONS 2017

The annual academic congress of the year was successfully held at Hotel Grand Kandyan, Kandy from 31st August to 2nd September 2017.

This year's theme was *"Achieving Excellence in Radiological Care."*

PRE CONGRESS WORK SHOP

Theme *"Cardiac imaging"*

Date: 31st August 2017

Resource persons

Dr. Vimal Raj (MBBS,FRCR,PGDMLS,EDM)

Dr. Onkar Auti (MBBS, DNB in Radiodiagnosis)





REFRESHER COURSE

A very informative two-day refresher course followed the pre-congress work shop.

Theme ***"Achieving Excellence in Radiological Care."***

Date: 1st – 2nd September 2017

Resource persons

Prof. Jeffery C Weinreb, Dr. Andrea Schwarz Doria, Dr. Emmeline Lee, Dr. Deepthi Jayasinghe, Dr. Mahesh Prakash, Dr. Velauthan Rudralingam, Dr. Deepthi Dissanayake, Dr. Sanjeewa Munasinghe, Prof. P.B. Hewavithana, Dr A. S. Pallegatte, Dr. S. Sooriyabandara, Prof. Srinath Chandrasekera





INAUGURATION AND Dr. SNB TALWATTE MEMORIAL ORATION

The inauguration was held on a ceremonial note on the evening of 31st of August 2017.

The chief guest of the grand ceremony was Professor APR Aluwihare, Emeritus Professor of Surgery, University of Peradeniya.

Dr. Uditha Wirasinghe, Senior Consultant Radiologist graced the occasion as the Guest of Honour.

The 6th Dr. SNB Talwatte Memorial Oration, the highlight of the evening, was delivered by Dr. DTN Munasinghe MBBS, MD, USP Consultant Radiologist, Army Hospital Colombo on

“The use of real time ultrasound scanning in dengue fever: can it predict vascular leakage in dengue haemorrhagic Fever?”







Fellowships and Gold medals awarded at the inauguration 2017

Fellowships

1. Dr. Liyanaarachchige Don Sugath Dissanayake
2. Dr. Thippala Gamachchige Tamara Rajapakse
3. Major General (Dr.) Sanjeewa Heman Munasinghe
4. Brig. (Dr.) D.T.N. Munasinghe



Gold medals

Dr. A.W. Athukorala Memorial Gold Medal for the best performing student in MD (Radiology) part I examination was awarded to Dr. L.K. Dissanayake.

Dr. S N B Talwatta Memorial Gold medal for the best performing student in MD (Radiology) part II examination was awarded to Dr. A.A.R. Chandrakumara



THE CONGRESS DINNER 2017

A music and dance enriched colourful evening at Mahaweli Reach Hotel, the 1st of September.



ANNUAL ACADEMIC SESSIONS ~ SPECIAL FEATURES



Best male singer of the night, Best female singer of the night, Best female dancer, Best male dancer were awarded...

PRE CONGRESS WORK SHOP FOR RADIOLOGICAL TECHNOLOGISTS

A half day work shop was held at the Neuro Trauma Auditorium, National Hospital of Sri Lanka on 30th July 2017.



Theme: ***"Optimizing Radiological Imaging for better Patient Care."***

Resource persons

Dr Kantha Samarawickrama, Senior Consultant Radiologist

Dr Jerrad Fernando, Consultant Radiologist, LRH, Colombo

Dr Samitha Egodage, Consultant Radiologist, Army Hospital Colombo

Dr Janaka Marasinghe, Medical Physicist

INTERNATIONAL VISITING PROFESSOR PROGRAMME

A special academic programme was conducted as a part of the Annual Academic Sessions 2017 in collaboration with Radiological Society of North America (RSNA) focusing on the RSNA objective of capacity building of radiology centers around the world through education of radiologists.

A series of workshops were held at four selected teaching hospitals from 22nd to 29th of August 2017.

Resource persons were Prof. Andrea Dorea from the Department of Diagnostic Imaging, The Hospital for Sick Children, Toronto, Canada and Professor Jeffrey Weinreb, department of radiology and diagnostic imaging, Yale School of Medicine. They later contributed as recourse persons to the academic sessions as well.

Paediatric Teaching Session at the Lady Ridgeway hospital (LRH) on 22nd August 2017

- Imaging of Mullarian duct anomalies
- Imaging of congenital anomalies
- Imaging of Paediatric MSK inflammation/infection
- MSK/Abdominal imaging CT/ MRI - protocol and case review

National Hospital Sri Lanka (NHSL) on 23/08/2017

- Imaging of prostate CA
- Imaging and staging of rectal CA
- Diagnosis and management of pancreatic cyst
- Screening for hepatocellular carcinoma
- MRI protocols in prostate
- Reporting of Prostate CA, Rectal CA

Teaching hospital Karapitiya on 25 and 26/08/2017

- MRCP (preparation, protocols and interpretation)
- MRI Anus and Rectum protocols and interpretation
- Abdominal trauma imaging
- Ultrasound of Paediatric joints (hands on)
- Investigation of musculoskeletal inflammation/ infection
- Investigation of nonspecific chronic abdominal pain in children.
- Investigation of Pediatric arthropathies

Teaching Hospital Peradeniya 28/08/2017

- Imaging of Congenital Abnormalities
- Imaging of Pediatric Musculoskeletal Inflammation / Infection
- Diagnosis and management of pancreatic cysts
- Hands on MSK/Bone Tumors X-ray/CT/MRI - protocol and case review
- Lecture on Acute appendicitis in children: Optimization of Imaging techniques for Diagnosis.
- Demonstration of GIT USS in ultrasonography room

TH Peradeniyaon 28/08/2017

- Screening for Hepatocellular carcinoma
- Imaging of Paediatric knee and hip
- Interesting case discussion with the residents
- Hands on experience at CT room, revision of CT protocols session 2
- Paediatric and GIT case discussion



RESEARCH AWARD WINNERS AT THE ANNUAL ACADEMIC SESSIONS

Forty-two digital posters and eight oral presentations were made in front of an independent panel of judges.

Dr. P.G.C. Jayathilaka was awarded the Best Poster Presentation for the study titled *"Outcome of screening mammography in a general hospital in Colombo District"*.

The Best Oral Presentation was awarded to Dr. A. Anton Jenil for presentation on *"Ultrasound guided selective cervical nerve root block for radiculopathy- Single center experience"*.



Presidential Address

Annual Academic Sessions 2017, Sri Lanka College of Radiologists


Achieving Excellence in Radiological Care

Dr. Shanthini Rosairo

“My Presidential Address focuses on the theme of the year “*Achieving Excellence in Radiological Care*”, some insights in to the current practice of Radiology and some projections and thoughts on the future of Radiology in Sri Lanka.

As members of the College of Radiologists we are committed to achieving excellence in Radiological care for patients by providing the highest quality medical imaging services in a caring and compassionate manner. Radiology departments nationwide, have undergone tremendous change. During my career there has been an exponential growth in advanced imaging technology with concomitant development of image-guided interventions and therapies. Radiology expertise has become essential in working with our clinical colleagues to diagnose, treat, and care for our patients. Achieving excellence in radiological care requires clinical, technological, research and academic excellence.

Clinical excellence is achieved by providing highest quality advanced imaging services, providing outstanding patient care and committing ourselves to academic excellence. The number of Radiologists required for the existing population is important in providing excellence in care. The demand for radiology services in Sri Lanka is on the rise. This has led to higher work load per Radiologist in Sri Lanka compared to our peers in other countries. High standards of Radiology cannot be compromised for the shortage of Radiologists. It is imperative that we identify strategies to improve the radiologist to patient ratio in Sri Lanka which is currently about one radiologist per 170,000 population. The Sri Lanka College of Radiologists expects to work in harmony with the ministry of health, the post graduate institute of medicine and the board of study in radiology in finding a solution to this glaring deficiency. The existing cadre of Radiologists in the government sector at present is 117. The projected cadre of



Radiologists to fill all the approved stations until the year 2025 is 185. This cadre is awaiting approval in view of the needs of the country.

The SLCR is happy to note the introduction of subspecialty training programs on paediatric radiology, interventional radiology, and neuroradiology by the PGIM at the post MD level in 2016 and 2017. This will provide state of the art radiological care and services to our patients and referring physicians utilizing cutting-edge imaging technology and application of innovative interventional therapies in the subspecialties. The SLCR is concerned about the non-availability of some subspecialties such as cardiothoracic care. It is imperative that we persevere with the Ministry of Health and the Post Graduate Institute of Medicine to rectify these deficiencies and establish subspecialty training programs to produce experts in such fields.


Radiological technological excellence is achieved by an adequate number of radiological technologists with knowledge and commitment, adequate radiological equipment and advanced state of the art technologies. The existing cadre of radiological technologists is 536 in the government sector. The tentatively anticipated projected cadre of until the year 2025 is being prepared according to the proposed number of equipment. Radiological technologists are trained by the school of Radiography from the year 1957. A BSc degree in Radiography was introduced at University of Peradeniya in 2006 and at Kothalawala defence university in 2013.

SLCR expects to play a pivotal role in the island wide distribution of radiological equipment with advanced technologies based on rational guidelines. The SLCR is persuading the Ministry of Health to appoint Radiologists to interventional units of all Teaching Hospitals and to provide training for enhanced performance. This is particularly important for the efficient use of healthcare services with better patient comfort. The transition from the analogue to digital systems has already started in Sri Lanka and the conventional radiography machines are being gradually replaced by computerized radiography and digital radiography systems, island wide.

With the assistance of the ministry of health, the SLCR is also committed to improving the work environment of radiologists by introducing the picture archiving and communicating system (PACS) to hospitals in Sri Lanka. The Ministry of Health is planning to introduce the PACS system to 20 major hospitals in the country in the near future. With the introduction of PACS, digital radiography assumes a very important place in Radiology in Sri Lanka. Digital radiology is expensive. Therefore, in the backdrop of financial constraints it is necessary to look towards establishing computed radiography which is also a filmless mode of technology. The College is of the view that while digital radiography should be the benchmark, we should at least provide computed radiography units to all relevant hospitals manned by consultant radiologists while obtaining digital radiography units which is superior to computed radiography for all the teaching and district general hospitals. We believe that implementing a PACS system for Sri Lanka as a whole will address the inequity issues in human resources and equipment.

Evidence tells us that the service of the radiologists is inevitable in the provision of excellent Radiological care. This can be achieved by reaching **academic excellence** by educating residents, fellows and medical students, post graduate training and by establishing University Departments of Radiology. I am proud to say that the first ever Department of Radiology in a University in Sri Lanka was established in 2012 at the Faculty of Medicine, University of Peradeniya.

Excellence in research is achieved by the SLCR supporting innovative and clinical research. Workshops to promote research are organized and conducted by the SLCR, PGIM and the Department



of Radiology, University of Peradeniya. Research and audits have been included as a mandatory requirement in the post MD curriculum. The Annual Academic Sessions provides opportunities for presentation of innovative ideas, research and other academic activities. The positive impact of such opportunities is evident by the increasing number of free papers presented in the last few years.

To support our theme of the year, we have begun an exciting programme that provides individuals and teams of various categories, the knowledge and skills to further improve the radiological care. The aim of the “Achieving Excellence Programme” is to focus on what is best for our patients. During the course of the year the council has organized Continuing radiology education programs to enhance the knowledge and skills in Radiology among different categories of people. Public, public health workers were educated by conducting island wide programs in all nine provinces on breast cancer imaging, targeting the international day of Radiology. Another vision of SLCR is to implement mammography centred services to women of Sri Lanka. During my tenure as the president, six educational programs were organized to educate fellows and residents. A pre congress work shop was conducted for Radiographers to improve the quality of medical imaging. I am grateful to all resource persons for their contribution towards making this program a success.

The current council has submitted proposals to the Ministry of Health for radiologist cadre, required equipment and manpower, projected up to 2025. Posting a consultant radiologist, a highly trained professional to a department without the necessary equipment is meaningless. In view of this fact SLCR has identified minimum requirements for a station for the appointment of a Consultant Radiologist. The aim of the college of radiologists is to produce competent Radiologists in general radiology and sub specialties and to have at least one Radiologist per imaging modality per hospital in Sri Lanka. The equitable distribution of expertise has to be ensured to deliver island wide Radiological services. We must make a transition from being the invisible doctor to a valued and recognized member of the patient care team.

Ultimately, achieving excellence is about helping all staff to develop a sustainable way of working that encourages teams to continually improve every day. We want to make sure that everything that we do for patients is done so in the best possible way with absolute commitment to patient care as priority. At this juncture I would like to remind our college the moto to “Enlighten and relieve”.

I have no doubt that the future generations of flag bearers would do their utmost to take the SLCR to greater heights in order to ensure that it is one of the foremost professional bodies in Sri Lanka”.

The AGM of the Sri Lanka College of Radiologists - 2017
was held on 29th of October 2017 at 9. 00 a. m at Old Auditorium, LRH
Council of SLCR for 2017/2018 was elected at the AGM

President

Dr. A.S. Pallewatte

Vice President

Dr. S.M. Prasad De Silva

Hon. Secretary

Dr. S.H. Palihawadana

Hon. Treasurer

Dr. Harsha Dissanayake

Asst. Secretary (Academic)

Dr. K.M.R. Kannangara

Asst. Secretary (Social)

Dr. R.K.J.S. Rajapakse

Asst. Treasurer

Dr. W.K. Sathkorala

Council Members

Dr. S.A.S.R. Siriwardana

Dr. D.U.P.S. Jayakody

Dr. L.D.R.A. Perera

Dr. S. Nimalan

Dr. G.P.P. Kandamby

Dr. P. Hettiarachchi

Dr. U.P. Kumarasena

Dr. B.M.P. Bandaranayake

Dr. E. Ganewatte

Dr. C. L De Silva

Immediate Past President

Dr. Shanthini Rosairo



INTERNATIONAL DAY OF RADIOLOGY 2017

IDOR 2017 was celebrated on 12th of November at the Neuro Trauma Auditorium, NHSL.

The program highlights

- ABCDE of Emergency Radiology and Management Issues in Visceral Trauma
- Oncological Emergencies & Non-Traumatic Emergencies in Cancer and immuno compromised patients

- Dr. Bagyam Raghavan, DMRD, DNBE, Senior Consultant - Apollo Cancer Institute

- Role of Imaging in Early Management of Major Trauma

-Prof. Ranjana Senevirathna, Professor of Surgery and Chairman Board of Study in Emergency Medicine

- Emergency Radiology case review

-Dr. Chinthaka Appuhamy – Acting Radiologist



THE ANNUAL COLLEGE DINNER 2017

~13th of December 2017 at The Kingsbury Hotel

The college dinner, the last event of the college calendar, was an evening of fellowship and dinner enriched by two informative lectures from the two overseas examiners.

Events from the college dinner

Welcome by the Academic secretary/SLCR

SLCR President's Speech

"An Idiots guide to skeletal dysplasia"

-Dr. Joanna Fairhurst

"An introduction to Post Mortem Imaging"

- Dr. Andrew Rickett

Speech by the Executive chairmen of Hayles PLC, Mr. Mohna Pandithage

Vote of thanks by the Hon Secretary/SLCR



UPCOMING EVENTS

Clinical meeting on Guidelines in Breast Imaging and Reporting

Tentative date :18th March 2018
 Venue: Neuro Trauma Auditorium, NHSL

Hands on workshop on Percutaneous Ablation of Breast lesions

Date: to be announced later



SLCR

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