

# PSSL QUARTERLY

**NEWSLETTER OF PERINATAL SOCIETY OF SRI LANKA** 



#### **Published by Perinatal Society of Sri Lanka**

"Perinatal excellence through a new evidence-based approach to premature labour, delivery, and baby" SLCOG House, No.112, Model Farm Rd, Colombo, Sri Lanka.

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President 2022

#### **Message from the President**

It's been nearly 8 months since I assumed duties of the office as the 21st president of the PSSL. As we all understand, we all are going through an extremely hard time of our life. The pandemic hit us very badly last year and we all were very positive towards our activities of this year as the pandemic was slowly fading as the new year began. Early this year, we all rose from our hibernate attitude and started our first provincial workshop in the southern province in March 2022. It was a very successful program with very good participation. But then we were hit by another wave of disaster due to severe economic crisis in the country. The traveling Dr. L. P. C. Saman Kumara became impossible for the resource as well as participants due to severe fuel shortage in the country. We had to cancel the central province program and since then we could not plan any outstretched activity up

The PSSL, in collaboration with Seruwila Mangala Raja Maha Viharaya, initiated the first largest charity project by a medical professional organization -The "Save a baby' project. The sole aim of the project was to donate 120 modern neonatal resuscitation machines to 67 hospitals around the country. The total project cost was nearly 160 million LKR and it was successfully concluded and the machines were handed over to the director general of health services in Early September. The PSSL can be very proud of this as this is the largest ever donation to the ministry of health by a medical professional organization in the country.

Although we could not move physically, PSSL has done a lot for the country silently during past 6 months. The "save a baby" project continues to support the health system of the country. We managed to open a new dollar account under the save a baby project and donated many lifesaving medicines to the ministry of health (Anti Rabies serum, Pamidol-cardiac contrast medium, Tacrolimus, and surfactant) worth of nearly USD 40,000.00. The support extended to us by Rev. Aludeniye Subodhi Thero for all these fundraising is highly appreciated. I wish to invite you all to join our annual congress in November and update your knowledge in perinatal care.

Thank you,

#### Dr. L. P.C. Saman Kumara

President, PSSL

Consultant Neonatologist, Castle Street Hospital for Women

#### Perinatal Society of Sri Lanka



#### **Vision**

To be actively committed towards achieving continuous improvement in the quality of health care for mothers and infants by promoting networking for providers of perinatal healthcare, supporting education for providers and consumers as well as improving availability, accessibility and continuity of preventive and primary perinatal healthcare services together with promoting initiatives toward improving health care of mothers and infants.



#### Mission

The Perinatal Society of Sri Lanka is a not-for-profit multidisciplinary organisation striving to promote continuing improvement in the quality of healthcare from pre-conception through birth of the baby and into infancy. It advocates ideal and ethical care through education and research to influence national policies and encourage strategic collaboration among health-care providers and stakeholders in order to ensure optimal pregnancy outcomes for mothers and



#### Join us....

Our members receive quarterly newsletter and have access to our information service

To join us please contact: Dr. Deepal Nawarathne Editor, Perinatal Society of Sri Lanka. Email -

Deepalnaw@gmail.com

#### **PSSL Council** 2022

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Volume 02 Issue 02 April 2022-September 2022

# UPCOMING TONIC

## "A BASIC GUIDE TO NEONATAL INTENSIVE CARE" FOR MEDICAL AND NURSING STAFF

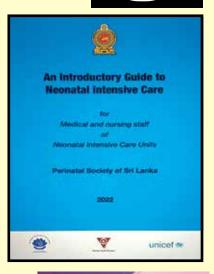
"A basic guide to Neonatal Intensive care" book will be launched during the annual conference 2022. This book aims to help the medical and nursing staff caring new-borns, to learn basic management of a sick baby in an NICU setting. Important "hands on" skills will be demonstrated through several workshops planned based on the chapters of the book. The purpose of this module is to improve neonatal morbidity and mortality by improving quality of care.

## Provincial workshop on a new approach to premature labour, delivery, and neonatal care - Central province

The provincial workshop on a new approach to premature labour, delivery, and neonatal care, commenced by the perinatal society of Sri Lanka, will be held in the central province in September-October 2022. The objective of this session is to introduce novel therapy and practices involved in perinatal care and reinforce the current practices in ground level in order to improve the quality of care which improve morbidity and mortality of preterm neonates.

It is going to be a one-day session conducted online. There will be parallel sessions involving Obstetric and perinatal Mental health and Neonatology Knowledge on Identification and management of preterm labour, and prevention of preterm labour will be provided by an eminent team of obstetricians. In the same panel How to improve the well-being of a new mother and the role of the health care worker in providing the betterment of care and how to handle perinatal mental health issues effectively in the field will be addressed by a group of psychiatrists and community physicians.

In parallel, the neonatology session will be conducted to provide the knowledge to apply in preterm deliveries in order to improve survival and outcome. Preparation for preterm delivery, stabilizing at birth and safe transport is a key areas that will be discussed with the new approach to a premature baby in the NICU. The preterm nutrition and the challenges faced in the management of complications in preterm delivery and late-onset sepsis which is a common cause of increased morbidity and mortality of the survivors of early life will be discussed. This event is going to be another way forward toward healthier mothers and newborns.







The 1<sup>st</sup> regional workshop organized by the Perinatal Society for the year 2022. was held on the 18<sup>th</sup> of March at University of Ruhuna, Matara to uplift the perinatal care in the Southern Province.

Approximately 200 healthcare professionals from the Southern Province (Galle/Matara/Hambantota districts) involved in maternity and newborn care, participated in the workshop. Consultants, postgraduate trainees, medical officers, nursing officers, medical officers of health and midwives were among the attendees.

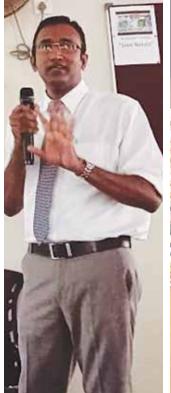
Dr. Chandima Sirithunga, Provincial Director Health Serives, welcomed all the invited guests and participants, highlighting the importance of reducing maternal and neonatal mortality. Dr. Asela Gunawardene, Director General of Health Services joined virtually and addressed the gathering. Next speech was by Dr. Kapila Hemantha Consultant Paediatrician, representing the provincial team and the organizing committee. Professor Sujeewa Amarasena, Vice Chancellor of University of Ruhuna, in

his speech, thanked the Perinatal Society for initiating this important program. Dr. Saman Kumara, president of the PSSL introduced the program to the participants and the aims of the workshop. A special guest, director of DGH Kalutara, talked on "Administrators' role in implementing new interventions to reduce neonatal mortality". Finally Dr. Kapilani Withanarachchi, Consultant Paediatrician provided the vote of thanks on behalf of the organizing committee.

Following this formal inauguration, the proper program began as 2 (two) parallel sessions. Participants were divided according to their place of work. On one side, there were lectures and hands on training on neona-tology-based topics, while on the other side there were lectures and workshops on obstetrics and maternal mental health. Resource persons were from the Perinatal Society as well as regional consultants from the Southern Province. (Program as below).

All health care professionals actively participated in the program, workshops and hands on training. This experiential learning created an opportunity to acquainted with new resuscitating machine specially designed for premature newborns, which had been Instigated project by the PSSL for the year 2022.













Towards healthier mothers and newborns

# Events of PSSL

Year 2022















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#### I never thought Sri Lankan blood is so kind: massive response for the doctor's appeal





#### Sri Lanka's struggling hospitals still desperately short of medicine











## පරා ජන්ම විශේෂඥ වෛද**ඵවරුන්**ගේ සංගමයෙන් පුණ වනපෘතියක්

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සඳහා අප රිශ්ල ස baby නමින් පුණය වන රමය. සඳහා අප රිශ්ල ස baby නමින් පුණය වනපත්තියන් ව කළා. පසුගිය දා සේජාවීල මංගල ජාජමනා ස්ථානයේ දී පරා ජන්ම විශේෂගු චෛදවරුණුල් ය විසින් අර්ගික ලද පුණය වනපත්තීමේ ආරම්භක හයට එම සංගමයේ සභාපති විශේෂගද චෛදව











Volume 02 Issue 02

# MULTIPARA MONITOR PROJECT

Castle Street Hospital for Women

In Sri Lanka, there are nearly 320,000 babies are born every year. Nearly 10% of these babies are born prematurely and many of them need to be cared for in neonatal intensive care units (NICU). Currently more than 100 NICUs are functioning at different levels. Castle Street Hospital for Women is one of the biggest and oldest maternity hospitals in the country. It has the biggest NICU. The hospital is a tertiary care reference hospital where mothers with complicated pregnancies/babies are referred for ultimate care. Castle Street Hospital NICU has a capacity for only 10 babies and it's always functioning in full capacity. Sometimes sick babies are transferred to distant hospitals because of the unavailability of beds at Castle Street Hospital.

We are planning to expand the bed capacity by 5 more to save more lives. At present Castle Street Hospital NICU does not have enough multipara monitors. A multipara monitor is a very vital piece of equipment that should be there at each ICU bed and it monitors multiple biological parameters. We aim to raise funds to purchase 15 such monitors. This is a common problem for all the NICUs in the country and we are planning to help all the other NICUs in Sri Lanka through this project. Each monitor costs around 5000\$ and our minimum target is to purchase 15 monitors. (75,000\$).

This project is done by the Perinatal Society of Sri Lanka. This is a 20 years old non-profit organization purely working for the betterment of pregnant mothers and newborn babies in Sri Lanka. It consists of well-reputed medical specialists in Neonatology, Paediatrics, Obstetrics, and Community Medicine. The special accounts which operate for this purpose will be audited very closely.

Overseas donations can made to the dollar account. The local donors can donate to the Rupee account. Payment slips can be sent through the WhatsApp contact. PSSL will issue a donation certificate as well as an appreciation letter.

Account name: Perinatal Society of Sri Lanka USD account:003610421074

Sri Lankan Rupee account:003010545927

Swift: HBLILKLX

Bank code: 7083(Hatton National Bank)

Brach code:003(Head office branch)

Whatsapp:777072520

Email:psslsrilanka@gmail.com Web:https://perinatalsociety.lk/





# CME program – Lectures on Neonatal Clinical Updates

Perinatal Society of Sri Lanka in collaboration with Ceylon Association of Neonatologist commenced a CME prgram to update and share the knowledge on neonatal care among Neonatologist, Paediatricians, Neonatal doctors, Nurses and Midwifes.



Saturday 30th April 2022 @ 08.00 pm

Saturday 14th May 2022 @ 08.00 pm

Emcure

Dr. Combined Street,

Baurs

Saturday 09th April 2022 @ 08.00 pm

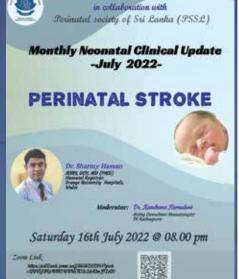






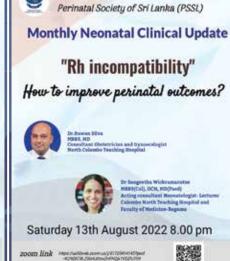
Ceylon Association of Neonatologists

in collaboration with



Ceylon Association of Neonatologists



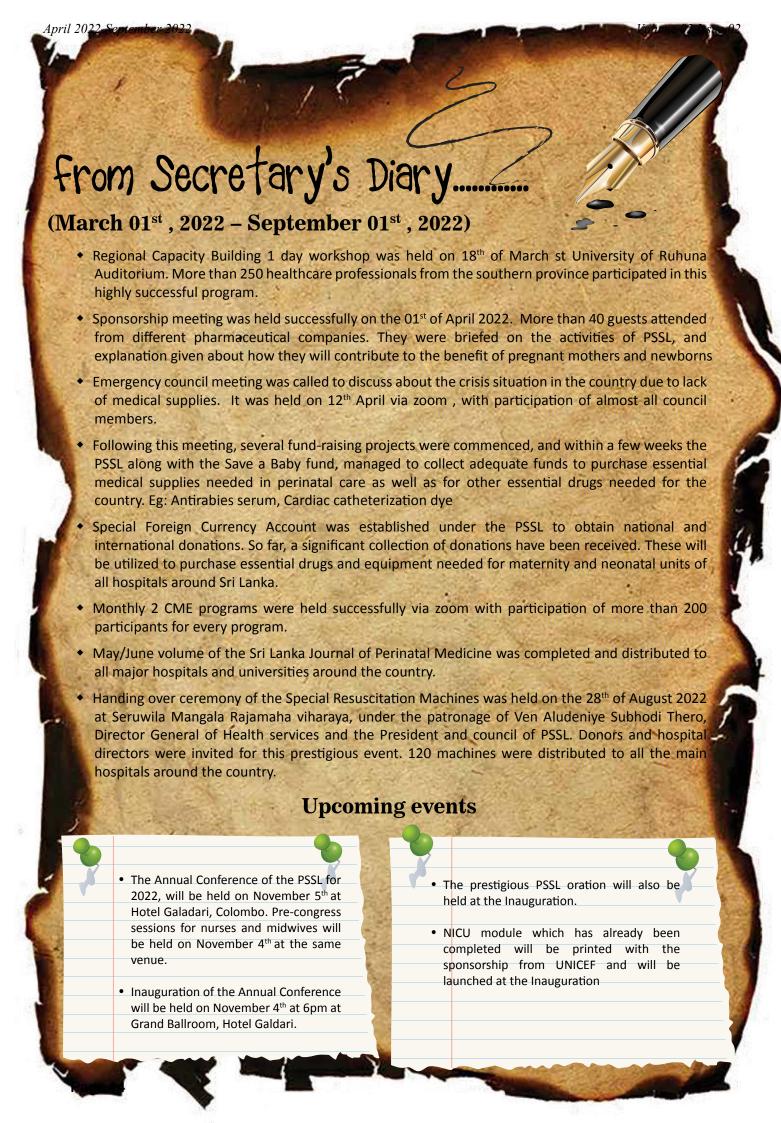




Monthly Neonatal Clinical Update for Neonatal Doctors, Nurses and Midwives







#### PERINATAL SOCIETY OF SRI LANKA PRE-CONGRESS SESSIONS

#### for Nurses and Midwives

#### 4<sup>th</sup> of November 2022 at Hotel Galadari Colombo

| 7.30 – 7.45 am   | Registration   |  |  |
|------------------|--|--|--|
| 7.45 – 8.30 am   | Oral presentations - Chairpersons: Dr. Asiri Hewamalage, Dr. Ruwan Silva   |  |  |
| 8.30- 9.00 am    | Plenary 1 - Preserving the gains in public health in current crisis in Sri Lanka.  Dr. Vinya Ariyaratna, Consultant Community Physician                                |  |  |
| 9.00-10.30 am    | Symposium 1 - Competency in postpartum care Chairpersons: Prof. Sanath Lanarolle, Dr. Gamini Perera  |  |  |
|                  | a. Immediate care for medical complications in post-partum period  Dr. Ruwan Silva, Consultant Obstetrician & Gynecologist   |  |  |
|                  | b. Detection and management of Post partum haemorrhage  Dr. Chandana Jayasundara, Consultant Obstetrician & Gynecologist   |  |  |
|                  | c. Contraception for high risk women  Dr. Mangala Dissanayaka, Consultant Obstetrician & Gynecologist  |  |  |
| 10.30 – 10.45 am | Теа  |  |  |
| 10.45 – 11.15 pm | Plenary 2: Overall burden of prematurity in Sri Lanka Dr. L.P.C. Saman Kumara, Consultant Neonatologist & President -PSSL  |  |  |
| 11.15 – 12.45 pm | Symposium 2 - Prematurity - Chairpersons: Dr. Sandya Doluweera, Dr. Sanjeewa Tennakoon   |  |  |
|                  | a. Role of a nurse in caring a preterm.  Mrs. Kerry Newton, Advanced Neonatal Nurse Practitioner,  John Radcliffe Hospital, Oxford                                     |  |  |
|                  | <b>b.</b> Infection control in NICU - Dr. Sujatha Seneviratne, University of Sri Jayawardenepura   |  |  |
|                  | c. Communicating with parents of a preterm - Dr. Priyanga Dematawa, Consultant Neonatologist   |  |  |
| 12.45 – 1.30 pm  | Lunch and Poster Viewing   |  |  |
| 1.30- 2.00 pm    | Plenary 3 – Improving care for medical disorders to optimize the pregnancy outcomes.  Chairpersons: Prof. Athula Kaluarachchi, Professor of Obstetrics and Gynaecology |  |  |
| 2.00 – 3.30 pm   | Symposium 3 – Quality and Safety in neonatal care<br>Chairpersons: Dr. Kaushalya Kasthuriarachchi, Dr. Himali Herath   |  |  |
|                  | <b>a. Medication safety and safe prescribing</b> Prof. Priyadarshani Galappaththi, Professor of Pharmacology, Faculty of Medicine, Colombo                             |  |  |
|                  | b. Clinical governance Framework in improving patient care  Ms. Julie Jervis, Clinical Nurse specialist, King Edward Memorial and Perth Children's Hospitals           |  |  |
|                  | c. Quality and patient safety in NICU  Dr. Kaushalya Gomez   |  |  |
| 3.30 – 4.00 pm   | Tea  |  |  |
|                  | 6.30 - 6.50 pm Guests to take their seats  |  |  |



Inauguration PSSL - 2022

| 6.30 - 6.50 pm         | Guests to take their seats   |  |
|------------------------|--|--|
| 6.50 - 7.00 pm         | Procession   |  |
| 7.00 - 7.10 pm         | Lighting of the Oil Lamp   |  |
| 7.10 - 7.15 pm         | National Anthem  |  |
| 7.15 - 7.30 pm         | Welcome Speech - Dr L.P.C. Saman Kumara, President - PSSL  |  |
| 7.30 - 7.45 pm         | Speech by Guest of Honour- Dr Asela Gunawardene, DGHS  |  |
| 7.45 - 8.00 pm         | Speech by Chief Guest  |  |
| 8.00 - 8.15 pm         | Awarding of Fellowships  |  |
| 8.15 - 8.20 pm         | Launch of the book "A basic guide to neonatal intensive care"  |  |
| 8.20 - 9.05 pm         | PSSL Oration - Professor Sujeewa Amarasena - Story of the Newborn Screening Program for Congenital Hypothyroidism in Sri Lanka |  |
| 9.05 - 9.15 pm         | Vote of thanks   |  |
| 9.15 - 9.30 pm         | Musical Miscellany   |  |
| 9.30 pm onwards Dinner |  |  |
|                        |  |  |



4.45 pm - 5.00 pm

### PERINATAL SOCIETY OF SRI LANKA

# **ANNUAL CONFERENCE**

5<sup>th</sup> of November 2022 at Hotel Galadari Colombo

| mothers and newborns  | 5" Of November 2022 at i  | Totel Galadan Colombo  |  |  |
|---|---|--|--|--|
|   | Hall A  | Hall B   |  |  |
| 7.30 am - 8.00 am   | Regis   | tration  |  |  |
| 8.00 am - 9.00 am   | Oral Presentations Chairpersons: Dr. Sandya Doluweera / Dr.Himali Herath  | Oral Presentations Chairpersons: Dr. Ruwan Silva / Dr. Asiri Hewamalage  |  |  |
|   | Judges: Dr. Kapilani Withanaarachchi Dr. Hemali Jayakodi  | Judges: Prof. Rasika Herath, Dr. Harendra Dassanayake  |  |  |
| 9.00 am - 9.30 am   | Plenary 1: Reducing Neonatal Mortality: Sharing experiences from Japan, the country with the lowest neonatal mortality in the region. Professor Mariko Hida   | Plenary 4: New frontiers in Fetal Medicine Prof . Tiran Dias   |  |  |
| 9.30 am - 10.15 am  Prof. Indraji Amarasinghe Oration - Dr. Rohana Haththotuwa Caesarian Section Rates - A Global tragedy : What can we do? |   |  |  |  |
| 10.15 am - 10.30 am   | Tea   |  |  |  |
| 10.30am - 12.00 pm  | Symposium 01: Different dimensions of perinatal care  | Symposium 04:<br>Preterm Labour  |  |  |
|   | Chairpersons: Dr. L.P.C. Saman Kumara   | Chairpersons: Dr. Janaki Karunasinghe / Dr. Dilani Dehigama  |  |  |
|   | Dr. Chithramalee de Silva  a. Noninvasive monitoring of neonates  Prof. Meena Garg  | a. Monitoring and managing preterm labour  Prof. Sanath Lanerolle  |  |  |
|   | b. Perinatal mental health in community setting  Dr. Kaushalya Kasthuriarachchi   | b. Novel strategies in prevention of preterm labour<br>Prof. Rasika Herath   |  |  |
| × (   | c. Post-surgical care of a newborn Dr. Ananda Lamahewage  | c. Neonatal perspective of perinatal care of preterm Dr. Nishani Lucus   |  |  |
| 12.00pm - 1.00 pm   | Panel Discussion: Dilemmas in managing an extreme preterm at limits of viability Prof. Hemantha Senanayake, Prof. Dominic Wilkinson/ Ms. Avanthi Perera   | Panel Discussion: Optimizing perinatal outcomes in current crisis in Sri Lanka Dr. U.D.P Rathnasiri / Dr. Surantha Perera/ Dr. Sussie Perera   |  |  |
| 1.00 pm 1.45 pm   | Lunch and Pos   | ter Viewing  |  |  |
| 1.45 pm - 3.15 pm   | Symposium 02: Growth and development of preterm infants  Chairpersons: Dr. Kapila Hemantha, Dr. Sandya Bandara  a. Preterm nutrition - Dr. Nalin Gamaathige  b. Metabolic Bone Disease - Dr. Shyama Basnayake  c. Developmental care - Dr. Asiri Hewamalage   | Symposium 05:  Quality improvement in perinatal care  Chairpersons: Prof. H. Senanayake, Dr. U.D.P. Rathnasiri  a. Application of Robson classification in audits and feedback - Dr. Lubna Hassan  b. Maternity dashboard in performance and governance - Prof. Sir Sabaratnam Arulkumaran  c. Reducing iatrogenic prematurity  Dr. Prabhodana Ranaweera |  |  |
| 3.15 pm - 4.45 pm   | Symposium 03: Respiratory care of the preterm infant  Chairpersons: Dr. Surantha Perera, Dr. Kapilani Withanarachchi  a. Volume Guaranty Ventilation Dr. L. P. C. Saman Kumara  b. Less Invasive Surfactant Administration Dr. Nimesha Gamhewage  c. Noninvasive Respiratory Support Dr. Amit Gupta | Symposium 06: Genetics in perinatal care Chairpersons: Dr. Nishani Lucus, Dr. Vindya Subasinghe  a. Ethical issues in prenatal screening and diagnosis Dr. U.D.P. Rathnasiri  b. Challenges in pre implantation genetic assessment Dr. Padmapani Padeniya  c. Neonatal Screening for Birth Defects Dr. Deepal Nawarathna                                 |  |  |

Tea