

Neonatal Neuro-Critical Care Pearls
Ketogenic diet and the young brain

Free Registration

5th June, 2021
19:00 UTC+4 Asia/Dubai
11:00 EST -6 (US)

Moderators: Khaled El Atawi, Khorshid Mohammad, Michael Weiss
Samar Almontaser

19:00 - 19:10	Welcome	Org. Committee
19:10 - 19:25	Challenging Case	Anirhan Ghosh, Canada
19:25 - 20:10	Protecting the Neonatal Brain: The Promise of Metabolism-Based Approaches	Jong Rho, USA
20:10 - 20:40	Mechanism of Ketones and Ketogenic Diet (Physician Perspective)	Janak Nathan, India
20:40 - 21:10	Overview of Ketogenic Diet Treatment in Metabolic Conditions	Walla Al-Hertani, USA
21:10 - 21:40	Ketogenic Diet in the Newborn: a Nutritional Perspective	Belal Alshaikh, USA
21:40 - 22:10	Ketogenic Diet Overview: Indications, Side Effects, and Mecha- nism of Action (Dietitian Perspective)	Maasooma Aljasmii, UAE
	Prospective Round Table Discussion	All speakers

Speakers



DR. JONG RHO, MD

Dr. Rho is a Professor of Neurosciences and Pediatrics at the University of California, San Diego, and Division Chief of Pediatric Neurology at the Rady Children's Hospital San Diego. He received an undergraduate degree in molecular biophysics and biochemistry at Yale University, and an M.D. from the University of Cincinnati. Dr. Rho has held prior faculty appointments at the University of Washington (Seattle), the University of California at Irvine, the Barrow Neurological Institute (Phoenix), and most recently, the University of Calgary. Dr. Rho's main research interests are the mechanisms underlying the anti-seizure and neuroprotective effects of metabolism-based treatments such as the ketogenic diet. His research activities have been sponsored by research grants from the U.S. National Institutes of Health, Canadian Institutes of Health Research, Brain Canada, and a variety of intramural and extramural public and private sector sources.



DR. JANAK NATHAN, MD

M.D. Neurology, GMC and JJ Hospital, 1979, Consultant Neurophysician, Shushrusha Hospital. Hon Professor Pediatric Neurology D Y Patil College and Hospital Pune, India Fellowship at Cincinnati Children's Hospital in 1984. Visiting Professor Johns Hopkins Hospital, Epilepsy Department 1996. Pioneer of the use of the ketogenic diet for uncontrolled epilepsy in India and Asia - 1996. Appointed as member of the international ILAE (International League against Epilepsy) Dietary Therapy Task Force 2013-2018 Appointed as member of the Executive Committee of International Neurology Ketogenic Society (proposed) -2017- and Executive Committee of Global Society for Metabolic Therapies (proposed) -2019- Organized world's first webinar and several workshops for the ketogenic diet in India and Asia. Published several papers in peer-reviewed International and Indian journals on the ketogenic therapy. Conducts a one-month training course for doctors and dieticians in the ketogenic therapy.

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Speakers



DR. WALLA AL-HERTANI, MD

Dr. Al-Hertani is a Medical Biochemical Geneticist and a Clinical Geneticist practicing at Boston Children's Hospital and an Assistant Professor of Pediatrics at Harvard Medical School. Dr. Al-Hertani received her Doctor of Medicine degree from Dalhousie University in Halifax, Nova Scotia, followed by the completion of her Clinical Genetics residency in Ottawa and a Biochemical Genetics fellowship at the Hospital for Sick Children and the University of Toronto. She is currently the Director of the Boston Children's Lysosomal Disease Program and is actively involved with a number of clinical trials investigating innovative therapies for rare diseases."



DR. BELAL ALSHAIKH, MD

Dr Alshaikh graduated from University of Damascus, completed Residency training in Pediatrics at the Children Hospital in Damascus. He trained in Neonatology at the University of Calgary and did a Research Fellowship in Nutrition and Gastroenterology at the Children Hospital of Philadelphia (CHOP) and The University of Pennsylvania. In addition to his training in pediatrics and neonatology, he had a master degree in Clinical Epidemiology from University of Calgary. Dr Alshaikh is currently working as a neonatologist in Calgary Zone and Medical Director of NICU at South Health Campus. He is also a Clinical Associate Professor at the University of Calgary.



MS. MASOOMA HUSSAIN

Safar Aljasmi graduated from UAE University with a Bachelor's degree in Agricultural Sciences, Food Technology & Nutrition Science. She has an overall 18 years of experience. Previously she served at Latifa Hospital for Women and Children as a Clinical Dietitian with an excellent expertise in NICU, PICU, and relevant exposure to cases such as cystic fibrosis, burns, enteral feeding, cerebral palsy, food allergies and Metabolic disorders. She is currently the Head of Clinical Nutrition section at Al Jalila Children's Specialty Hospital with a focus on ketogenic diet. Masooma has a special interest in Type 1 diabetes and is a certified diabetes educator.

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Speakers



DR. ANIRBAN GHOSH, MD

Dr Anirban Ghosh is a senior fellow in the section of neonatology, department of pediatrics, University of Calgary, Canada. Dr Ghosh obtained his initial medical degree from Mumbai, India where he also completed his mandatory internship. He spent his initial years in adult medicine in India, working in respiratory medicine and medical oncology. He did his paediatric training in Scotland and obtained his MRCPCH in 2014. During his time in Scotland, he spent time working as a neonatal specialty doctor, with a special interest in neonatal transport. He moved to Calgary in November 2019 to pursue his fellowship in Neonatology. Dr Ghosh has a keen interest in teaching. He has been a certified instructor for neonatal courses for Scottish Multi Professional Maternity Development Program and has been involved in the PROMPT program at University Hospital Wishaw, Scotland, as a neonatal resuscitation instructor. Dr Ghosh's areas of interest include point of care ultrasounds and changing neonatal physiology at birth.

**THIS SESSION IS PART OF NEONATAL
NEURO-CRITICAL CARE SERIES:
A COLLABORATIVE INITIATIVE BETWEEN
ARAB NEONATAL CARE GROUP AND
NEW BORN BRAIN SOCIETY**

**Next session is on aEEG and beyond on August
28th (mark your calendar!)**

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