

Thursday, April 22, 2021
Noon – 1 p.m.

“Crash Course in Neonatal Neuroimaging”

Presenter:

Michelle Machie, M.D.

*Fetal and Neonatal Neurology/Assistant Professor of Pediatrics and Neurology and Neurotherapeutics
UT Southwestern Medical Center – Dallas, Texas*

Location: ****This conference will be held virtually via MICROSOFT TEAMS****

Click here to join on your computer or device [Join Microsoft Teams Meeting](#)
Call in by dialing [682-273-0674](tel:682-273-0674); Conference ID: 508 941 68#

Objectives: Upon completion of this activity, the participants should be able to:

- Differentiate the indications for head ultrasound (HUS), computed tomography (CT), or magnetic resonance imaging (MRI) in the neonate
- Discover how Neonatal Neurology and Pediatric Neuroradiology early involvement by the multidisciplinary team can help in identifying correct imaging selection and timing
- Describe the fundamental physics and best MRI sequences to evaluate the neonatal brain
- Learn to interpret common pathology in the neonatal brain on MRI including hypoxic ischemic encephalopathy (HIE), hemorrhage and stroke
- Discuss advanced neuroimaging techniques as applies to the neonatal brain

Program Director: Christina Chan, M.D., *program director, department of pediatrics, UT Southwestern Medical Center; medical director, NICU, Texas Health Presbyterian Hospital Dallas – Dallas, Texas*

Target Audience: This interprofessional activity is designed for physicians, nurses and respiratory therapists in neonatology, pediatrics and obstetrics.

Format: Didactic lecture with question and answer session

Accreditation:

In support of improving patient care, Texas Health Resources is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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Designation of Credit:

Physicians: The Texas Health Resources designates this live activity for a maximum of 1 *AMA PRA Category 1 Credit*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: 1 contact hour will be provided for nursing

Additional Information: For more information, please email THRJA@texashealth.org or visit www.texashealth.org/CME

Doctors on the medical staff practice independently and are not employees or agents of the hospital or Texas Health Resources except resident doctors in the hospital's graduate medical education program.