

neonatal care



message from division head of neonatology



M. Jawad Javed, MD, FAAP

Division Head of Neonatology
Medical Director, Neonatal Intensive Care Unit
Program Director, Neonatal-Perinatal Medicine Fellowship Training Program
Associate Professor of Clinical Pediatrics

The Neonatal Intensive Care Unit (NICU) at OSF HealthCare Children's Hospital of Illinois is proud to be one of the premiere neonatal care centers in Illinois. We serve as the regional referral center and provide comprehensive neonatal care. Whether you anticipate a stay in the NICU or it's unexpected, having a newborn requiring urgent medical needs can be a stressful, overwhelming experience. We strive to offer state-of-the-art, evidence-based, comprehensive care for the infant while also delivering support for the growing family. In addition, we welcome the Neonatal-Perinatal Fellowship Program at the University of Illinois College of Medicine Peoria and are excited to train the next generation of neonatologists.

As a nationally recognized quaternary care medical center, we manage a wide range of neonatal pathologies and serve over 25 counties in Central Illinois. We have a diverse, experienced provider group at five locations throughout Central Illinois and Iowa (Peoria, Bloomington, Urbana, Danville and Davenport) providing world class newborn care for over 3,000 infants each year.

The COVID-19 pandemic brought more challenges in 2020 than many of us could have ever imagined. However, this virus further emphasized the importance of quality and trust when looking for medical care. The care we provide for each newborn is the highest quality of care. Our goal is for babies to not only survive but thrive. We are very proud of our university, medical center, fellowship program and city. We would like to share 2020 highlights of the outstanding, world-class neonatal care right here in Central Illinois, including achievements in teaching, research and quality improvement at local, state and national platforms.



To make a referral or talk to a neonatologist, call (833) GET-NICU.



530 NE Glen Oak Ave., Peoria, Illinois

meet the team

Leadership

M. Jawad Javed, MD, FAAP

Division Head of Neonatology
Medical Director, Neonatal Intensive Care Unit
Program Director, Neonatal-Perinatal Medicine Fellowship Training Program
Associate Professor of Clinical Pediatrics

Stephanie Ober, APRN

Advanced Practice Lead

Medical staff

Ismail Abbasi, MD

Juanita Aguila-Corrales, MD

Co-Director, Regional Developmental
Follow-Up Program

Ashley Fischer, MD

Director, Neonatal Research
Associate Program Director, Neonatal-Perinatal
Medicine Fellowship Program

Wajed Haddad, MD

Assistant Medical Director, OSF St. Joseph
Special Care Nursery (Bloomington)

Gretchen Kopec, MD

Lead Physician, Health Care Disparities

Praveen Kumar, MD

Associate Head — Faculty Development,
Department of Pediatrics

Kamlesh Macwan, MD

Susan Ramiro, MD

Co-Director, Regional Developmental
Follow-Up Program

Nicole Rau, MD, MSHPE

Assistant Program Director,
Pediatric Residency Program
Educational Director

Kristopher Rosburg, MD

Aarti Raut, MD

Co-Interim Medical Director,
OSF Heart of Mary/OSF Sacred Heart

Shoji Samson, DO

Advanced practice providers

Laura Bowers

Tara Behrens

Kylie Cavanaugh

Denise Cornell

Kelli Dohman-Schmidler

Jan Galbreath

Kathleen Hagenauer

Jesse Henneberg

Amy Homerin

Michelle Howland

Janessa Jenkins

Angie Onion

Christina Spurgeon

Jeanne Perino

Kaylee Stanley

Julie Tuttle

Brittany Welch

Brandi Vandiver

Nicole Nyberg

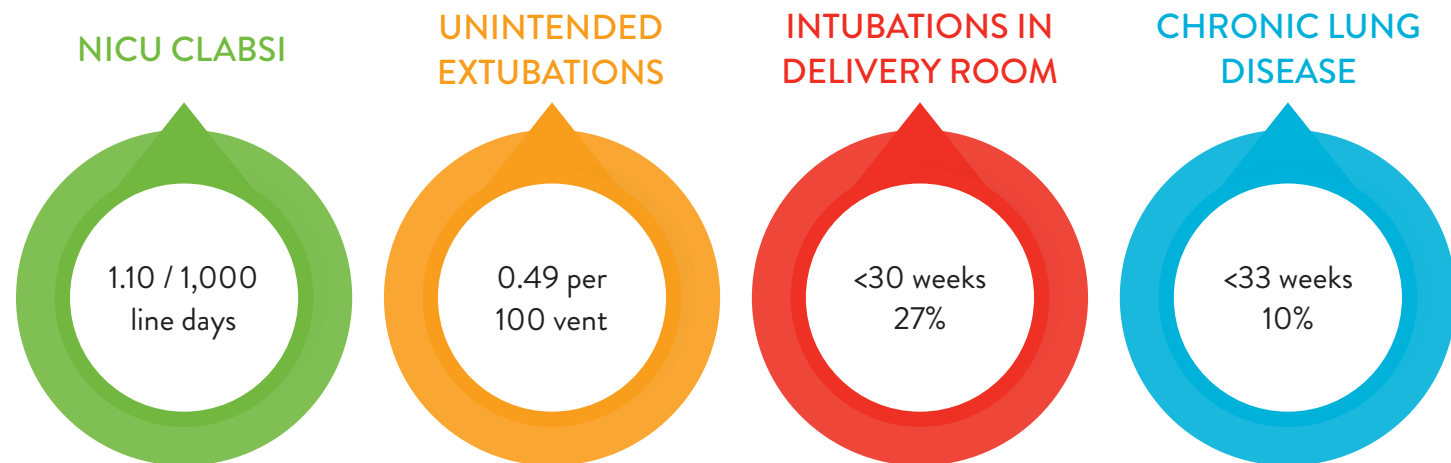
highlights

- The American Academy of Pediatrics has designated OSF Children’s Hospital as a Level IV NICU. We’re the only Level IV NICU between Chicago and St. Louis and provide the most advanced levels of transportation and neonatal care for babies throughout the state of Illinois and across the Midwest.
- We are recognized as a Gold Center of Excellence by the Extracorporeal Life Support Organization (ELSO) – one of only four centers in Illinois and the only program outside of Chicago.
- We were the only neonatology program in Illinois outside of Chicago ranked in the top 50 by *U.S. News & World Report* for 2017-2018.
- We are one of eight Neonatology Fellowship Training Programs in Illinois and the only one downstate.



by the numbers in Peoria

>700 admissions



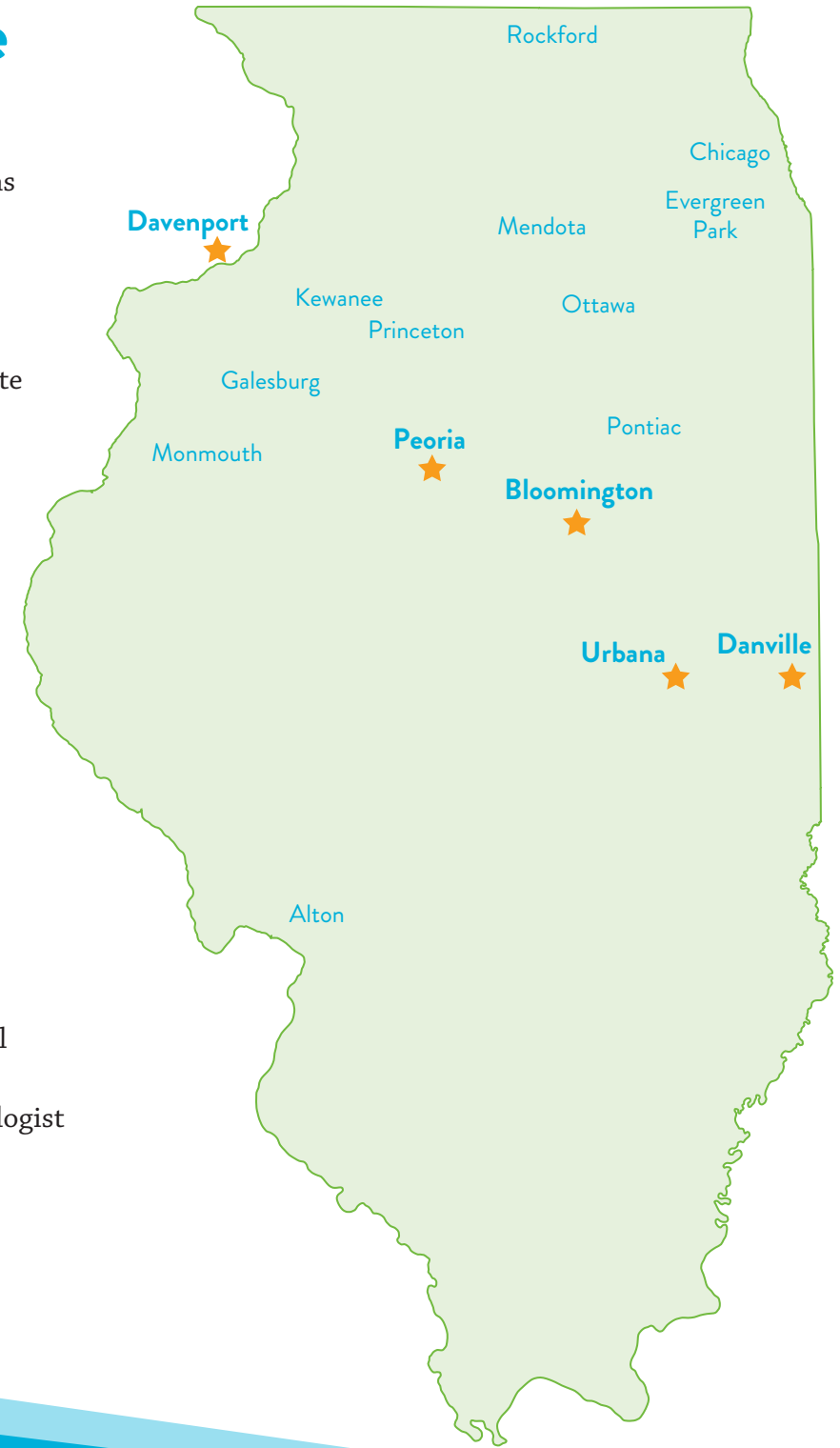
clinical excellence

Regional NICU Support

OSF HealthCare provides care for newborns in need of intensive care across Central Illinois. We partner with area hospitals by staffing their NICUs with pediatric experts and leveraging the subspecialty services of OSF Children’s Hospital to provide complete comprehensive newborn care. When an infant is born needing advanced care in Central Illinois but does not require a Level IV NICU, University of Illinois College of Medicine Peoria neonatologists and advanced practice providers work collaboratively to provide neonatal care at our partner facilities. This ensures that infants receive the highest, most consistent levels of care while keeping moms and babies together.

Perinatal Administrative Center

Within our facilities and those within our perinatal network, OSF Children’s Hospital has established teleneonatology services providing direct consultation to a neonatologist for emergent consultation during delivery and stabilization.



“Not only do my newborn patients receive high-quality, advanced medical care from the neonatology team at OSF Children’s Hospital, but their parents also experience a family-centered atmosphere and terrific communication.”



Marc Knepp, MD

Co-Director, Congenital Heart Center, OSF Children’s Hospital

regional & national lectures

Dr. Juanita R. Aguila-Corrales

- *Neonatal Sepsis (Regional Transport Symposium)*
- *Marijuana, Breastfeeding and the Newborn* (Obstetrics Grand Rounds; OSF HealthCare Saint Francis Medical Center)
- *Patent Ductus Arteriosus Management* (Neonatal Grand Rounds; OSF HealthCare Saint Francis Medical Center)

Dr. Ashley Fischer

- *Management of Congenital Diaphragmatic Hernia* (Regional ECMO Symposium)
- *Physiology of Neonatal Disease* (Regional ECMO Symposium)
- *HIE and Cooling on ECMO* (Regional ECMO Symposium)

Dr. M. Jawad Javed

- *MedStudy Pediatric Comprehensive National Board Review Course*
- *Birth Traumas* (Regional Neonatology Educational Symposium)
- *The Use of ECMO in Neonatal Disease* (Regional ECMO Symposium—Quarterly conference)
- *Transport of the Neonate* (Big Feats for Tiny Feet: Stabilization of the Neonate Regional Transport Symposium)
- *Have You Seen the Placenta? Placental Potpourri & Understanding Newborn Pathologies* (Pediatric Grand Rounds; OSF HealthCare Saint Francis Medical Center)

Dr. Gretchen Kopec

- *Congenital Heart Disease and Transport* (Regional Transport Symposium)
- *Neonatal Surfactant Administration Techniques* (Pediatric Grand Rounds; OSF HealthCare Saint Francis Medical Center)

Dr. Nicole Rau

- *Stabilization and Transport of the Premature Infant* (Regional Transport Symposium)
- *Osteopenia of Prematurity: A Problem for More than the Neonatologist* (Pediatric Grand Rounds; OSF HealthCare Saint Francis Medical Center)

Dr. Kristopher Rosburg

- *Neonatal Golden Hour* (Pediatric Grand Rounds; OSF HealthCare Saint Francis Medical Center)



community impact

Students at Woodruff Career and Technical Center in Peoria were able to have firsthand experience in the health care field at Jump Trading Simulation & Education Center, part of OSF Innovation.

Students who expressed interest in the health care industry learned from area experts in four different fields: respiratory therapy, phlebotomy, emergency medical services and surgical technology.

research

Evolution in the Management of Neonatal Abstinence Syndrome

Hot Topics in Neonatology Conference; Gaylord National in National Harbor; Baltimore (Corrales)

Continuing our Journey to Improve the Growth in the Neonatal Critical Care Unit of OSF HealthCare Children's Hospital of Illinois

Vermont Oxford Network Annual Quality Congress; Chicago (Fischer, Javed, Macwan)

Oh the Places You'll Go—Transitions in Care

Vermont Oxford Network Annual Quality Congress; Chicago (Javed, Fischer, Macwan)

Do You Believe in Dragons? An Outbreak of Salmonella ser. Agbeni in the Neonatal Intensive Care Unit

American Academy of Pediatrics Annual Meeting; New Orleans (Javed)

Improving the Growth in the NCCU

Vermont Oxford Network Annual Quality Congress; Chicago (Fischer, Javed, Macwan)

Reducing Antibiotic Usage Rate in a Level 4 Regional Neonatal Intensive Care Unit

Pediatric Academic Society Research Annual Meeting; Baltimore (Fischer, Javed)

Reducing Antibiotic Exposure Rate in a Level 4 Regional Neonatal Intensive Care Unit

American Academy of Pediatrics Annual Meeting; Virtual (Fischer, Javed)

Development and Implementation of an Osteopenia of Prematurity Screening Protocol

Central Conference on Perinatal Research (Rau)

Study on Elevated Supine Midline Head Position for Prevention of Intraventricular Hemorrhage in VLBW and ELBW Infants

Pediatric Academic Society Research Annual Meeting; Philadelphia (Kumar)

A New Risk Prediction Model for Bronchopulmonary Dysplasia

American Public Health Association Annual Meeting and Expo; San Francisco, CA (Kumar)

Development of a Risk Score Model to Predict Sudden Infant Death Syndrome

Pediatric Academic Society Research Annual Meeting; Virtual (Kumar)

Antenatal Steroid Use in Periviable Newborns Reduces Major IVH Risk

Pediatric Academic Society Research Annual Meeting; Baltimore, MD (Kopec)

Predicting Intrauterine Infection or Inflammation or Both (Triple I) with the Kaiser Sepsis Calculator

Pediatric Academic Society Research Annual Meeting; Philadelphia (Kopec)

The More You Read, the More You Know

Vermont Oxford Network Annual Quality Congress iNICQ; Virtual (Rosburg, Javed)



"ST. JUDE RECEIVING DOVES"
LEE C. GRAVES FAMILY
THE BOURAZAK FAMILY
OSF ST. FRANCIS MEDICAL CENTER

 OSF HealthCare
**Children's Hospital
of Illinois**