



Research Now. | **AUGUST 2014**

*The Research Institute at Nationwide Children's Hospital*



*Irina Buhimschi, MD, director of the Center for Perinatal Research*

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## RESEARCH AND DISCOVERY

### [Preeclampsia May Share Cause with Disorders Such as Alzheimer's](#)

Irina Buhimschi, MD, director of the Center for Perinatal Research in The Research Institute at Nationwide Children's Hospital, led a study on how preeclampsia, a deadly and poorly understood pregnancy-related condition, may share pathophysiologic characteristics with conditions such as Alzheimer's. This study was published in *Science Translational Medicine* in July.

### [Regional Anesthesia for Pediatric Knee Surgery Reduces Pain, Speeds Recovery](#)

Research published in the June issue of the *Journal of Pediatric Orthopedics* suggests that a technique called femoral nerve block reduces pain after pediatric knee surgery, allowing most procedures to be outpatient. The study co-authors are Kevin E. Klingele, MD, chief of Orthopedics, and Tarun Bhalla, MD, director of Acute Pain and Regional Anesthesia at Nationwide Children's Hospital.

### [Continuous Antibiotics Not Necessary for Many Children with Common Prenatal Abnormality, Study Shows](#)

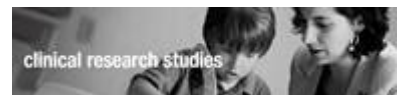
A study published in late July in the *Journal of Pediatric Urology* found that, in most cases, continuous antibiotics for children with a prenatal diagnosis of enlarged kidneys, or antenatal hydronephrosis, is often unnecessary. Daniel B. Herz, MD, is a urologist at Nationwide Children's and lead author of the recent paper.

### [Recent Peer-Reviewed Publications from NCH Faculty](#)

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## RECENT NEWS

[Deena Chisolm, PhD, and Team Receive \\$1.9M Research Award from Patient-Centered Outcomes Research Institute](#)

[Anup D. Patel, MD, Awarded Grant from Pediatric Epilepsy Research Foundation](#)

[M. Asuncion Mejias, MD, PhD, Recipient of Caroline B. Hall Clinically Innovative Research Award](#)

[Lori Evans Named Outstanding Staff Member for Second Quarter](#)

## MEETINGS AND EVENTS

[Register for the 2014 Research Retreat on September 17](#)

[New Date for Next Research Live: September 24](#)

## GRANTS AND FUNDING RESOURCES

[Funding Available Through New Nationwide/OSU College of Medicine Cross-Campus-Collaborative Pilot Program](#)

[NIH Requires Researchers to Acknowledge CTSA Grant Support in Publications for Use of CCTS Services and Resources](#)



[Pediatrics Nationwide](#)

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## RECENT MEDIA COVERAGE

[Sarepta Releases New Data Facing A Sea of Change at FDA](#): Jerry Mendell, director of the Center for Gene Therapy, comments on a study on eteplirsen for Duchenne muscular dystrophy, one of the most-watched small studies in biotech history (Forbes)

[Prevent High Chair Injuries: How to Keep Your Child Safe \(Video\)](#): Gary Smith, MD, director of the Center for Injury Research and Policy at Nationwide Children's, discusses research on high chair injuries and how to prevent them (Parents.com)

[Sacral nerve stimulation can help young patients' bowel, bladder control](#): Steven Teich, MD, clinical researcher and director of the Surgical Neuromodulation Program at Nationwide Children's, describes how an implanted device works to improve bowel and bladder function (Healio)

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