

MEET THE TEAM

Pelin Cengiz, MD:

Dr. Cengiz is a pediatric critical care physician and researcher at the Waisman Center where she is principal investigator at the Cengiz Lab. She works with children of all ages in the Pediatric Intensive Care Unit at the American Family Children's Hospital.

Bikash Pattnaik, PhD:

Dr. Pattnaik is a researcher focusing on vision, the eye, and associated diseases. In his research group, he works to better understand pediatric eye conditions and, in particular, the mechanics of these conditions.

Maria Stanley, MD:

Dr. Stanley is a developmental behavioral pediatrician at the Waisman Center. She cares for children and babies with a range of abilities in the Newborn Follow-Up, Down Syndrome, and Autism and Developmental Disabilities Clinics.

Megan Watts Berube, MD:

Dr. Berube is a neonatologist working with babies who require the highest level of care in the Newborn Intensive Care Unit at American Family Children's Hospital

Margaret Hackett:

Maggie is a graduate researcher working to complete her master of public health degree at the UW School of Medicine and Public Health. She has been a member of Dr. Cengiz's research lab for over 4 years.

UWHealthKids



Get Info:

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For more information about how the
Cengiz Research Lab and Study



HEALTHY LITTLE EYES

Help us understand
how babies' eyes
function and change
over time!



About The Study

We invite your child to take part in a research study about how a child's visual function is related to their future development.

THE VISIT

Where: Waisman center for the official study exam that may last for 30-60 minutes .

How: Eye exams will be performed with a non-invasive clinical handheld device and do not require eye drops or sedating medications.

When: Eye exam would be performed at either the 3 month, 9 month, 18 month, or 30 month Newborn Follow-up Clinic visits or within 2 weeks after your child's last visit.

Compensation: \$60 for full completion of study.

WHO CAN PARTICIPATE?

- We are inviting babies and young children ages birth to 30 months old who have a history of hypoxemic-ischemic encephalopathy (HIE) to participate.
- The information learned from this research may lead to improved care for babies with HIE by diagnosing them early in life, leading to better developmental outcomes.

Visual Function Test

We are using a handheld testing device along with medical treatment data to assess two measures of your child's visual function

VEP

One eye exam is called a visual evoked potential (VEP). Small pads are placed on the head using a small dot of adhesive paste. The handheld device is then connected and the child will see a light flicker.

ERG

The second eye exam is called an electroretinogram (ERG). In this test, skin electrodes are placed under the eye. the child will see brief flashes of light. Each eye will be tested separately, and while testing one eye, the other eye may be patched.



For more information about how testing is performed, please scan this QR code

