

Genomics & Newborn Screening Quarterly

September 14, 2020

Volume 3, Issue 3



NEWBORN SCREENING
INDIANA

Topics included
in this issue:

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Screening?

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Newborn Screening
Awareness Month

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newborn screening
program

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Newborn Screening
Handouts

What is Newborn Screening?

Nearly all 4 million babies born in the US each year automatically receive a newborn screening, which is under the authority of the state. The vast majority of screening tests are performed in a state public health laboratory or in a partner laboratory, under state public health laboratory. Newborn screening has been called “a triumph of the 20th century public health system, because of the tests’ ability to prevent disability and save lives.



September is Newborn Screening Awareness Month

Every baby born in Indiana is required by state law to complete newborn screening. Babies with disorders may look and act like healthy newborns but may have a medical condition that could cause serious illness, developmental delay, disability or even death.

Newborn screening is a set of three screens that identifies over 50 disorders. A simple blood screen, called a heel stick, a pulse oximetry screen for critical congenital heart defects (CCHDs) and a hearing screen for hearing loss will be completed.





NBS Fun Fact!

Newborn screening touches nearly every baby born in the United States.

Click [here](#) to sign up for GNBS updates!

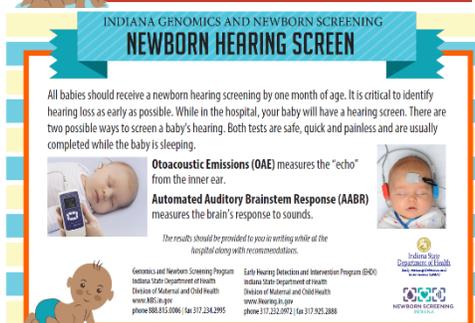
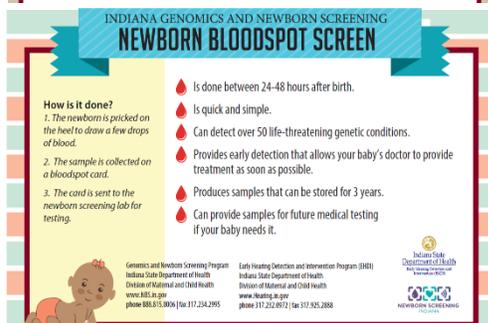
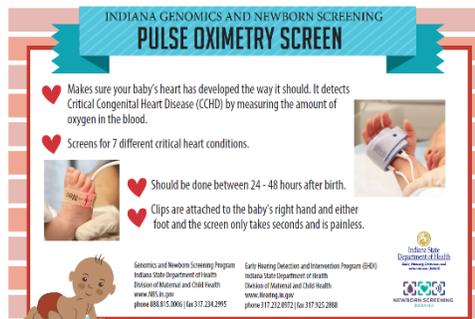
Newborn Screening is More Than a Test

Every state newborn screening program has six essential parts:

1. **Screening:** a collection of newborn blood specimens and testing to identify infants with potential markers of inherited conditions and point of care hearing and heart screening.
2. **Follow-up:** rapid location and referral of screen-positive infants; that is, infants with test results outside a specified range.
3. **Diagnosis:** an evaluation and additional testing of screen-positive infants to make a definitive diagnosis or determine that the screening result was a false positive.
4. **Management:** rapid planning and implementation of long-term therapy for infants diagnosed with a newborn screening disorder.
5. **Evaluation:** assessment of the previous four activities to identify opportunities for quality improvement and benefits to the infant, family and society.
6. **Education:** education of the parents, PCPs, legislators, newborn screening personnel and stakeholders.

New Educational Newborn Screening Handouts

- There are four new resources available for birthing facilities and public use.
- The heel stick/blood spot, pulse oximetry and hearing screen handouts are intended to be used as supplemental resources in addition to the Keepsake Handout provided by the NBS Laboratory.
- All 4 of the handouts can be found on the [GNBS website](#).



Contact Us!

Genomics and Newborn Screening Program:

P: 888-815-0006

F: 317-234-2995

ISDHNBS@isdh.IN.gov

Newborn Screening Laboratory

P: 317-278-3245

F: 317-321-2495

Early Hearing Detection and Intervention Program

P: 317-232-0972

F: 317-925-2888

www.hearing.in.gov

