



OHIO DEPARTMENT OF HEALTH

246 North High Street
Columbus, Ohio 43215

614/466-3543
www.odh.ohio.gov

John R. Kasich/Governor

Richard Hodges/Director of Health

MEMORANDUM

To: Critical Congenital Heart Disease Coordinators

Date: September 30, 2015

From: Naomi Halverson
Bureau of Maternal and Child Health

Re: Newborn Screening - Critical Congenital Heart Disease

The Ohio Department of Health (ODH) is charged in state legislation to monitor Critical Congenital Heart Disease (CCHD) screening. We have been monitoring the data for nearly a year now and I wanted to share some statewide data along with some general impressions with you.

Initially we received CCHD screening results on about 70 percent of the infants born in the state. Most facilities are now reporting and we are capturing about 90 percent of infant CCHD screening results.

About 5 percent of the remaining infants have a reason why they were not screened. Thank you for documenting those reasons in the Integrated Perinatal Health Information System (IPHIS) when possible. We appreciate knowing what happened to these infants. Including them in our count, we can say that about 95 percent of the infants born in Ohio have a known status.

The remaining 5 percent of infants have no screening results and no known reason for not being screened. These babies have an unknown status and we need your help to reduce this number. Ideally, the closer we can get to identifying what happened to these babies, the closer we can get to saying 100 percent of our Ohio babies have a known CCHD status.

In June, individual hospital reports of the babies with unknown results were shared with you. The lessons learned by ODH may help us all with consistent and accurate reporting. These are outlined on Page 2.

We also want to clarify that a CCHD screening result may be added to the IPHIS database either before or after the birth certificate is created and the record "locked". If entered before the record is "locked" anyone with birth clerk level access may enter the results. After the record is "locked", only someone with a CCHD coordinator role and a password for that role, is able to access the CCHD tab in the record and enter the screening results.

Thank you for your work in ensuring the CCHD screenings are completed and documented for all of Ohio's babies. If you have any questions or concerns about CCHD screening and documentation, please contact Naomi Halverson by phone at (614) 387-1228 or by email at naomi.halverson@odh.ohio.gov.

Observations and Tips from the Review of Individual Reports for June, 2015

- 1) There were a number of babies that had Pulse Oximetry results for the hand and for the foot documented. However, the dropdown box for “pass/fail” had not been completed so these babies were reported as **not** having screening results. Please remind everyone doing data entry that they must enter “pass” or “fail” under “Screening Result” because IPHIS is not set up to automatically determine and document results based on the Pulse Oximetry results.
- 2) Some infants with pulse oximetry results were documented as “fail” when they should have been marked “pass”. Please be sure to use the correct code.
- 3) Please be consistent in documenting infant status. Some screeners are documenting infant deaths and others are not. If the infant is deceased, please check “OTHER” on the dropdown listing under “Reason Not Screened” and type in “Deceased”.
- 4) Please use the dropdown listing under “Reason Not Screened” and include “Transferred” when appropriate and “NICU” for infants and infants that are in the NICU when the birth record is created and printed. The record for each baby should have a CCHD result or a reason the infant was not screened.
- 5) Parental Objections to CCHD screening should also be reported under the dropdown listings for ‘Reason Not Screened’. ODH does not require that the parent sign an objection form for CCHD screening, but your facility must document the refusal, either separately or in conjunction with other refusals, in the infant’s medical record.
- 6) When an infant is in NICU and more than 999 hours have elapsed before a CCHD screening is completed, please document the time as 999 hours when entering the results into the IPHIS record. You may also right click and enter a note with the actual hours when the screening was done.
- 7) Not all corrections or updates that were made to infant records in IPHIS in response to your additions and corrections for June births were moved immediately from the IPHIS record into the Data Warehouse record. This automated process is being corrected so that they will be transferred immediately.

Please note that any changes or updates you made are in IPHIS. They were just not imported into the Warehouse database that I used to create the ODH report. After this software irregularity is corrected, I will again check records and contact you with any questions.