

CCHD Screening

Utah Critical Congenital Heart Defect (CCHD) Screening Project

ADDITIONAL READING

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[Public Health Roles for Birth Defects Monitoring Programs](#)

[A Public Health Economic Assessment of Hospitals' Cost to Screen Newborns for CCHDs](#)

[STAR-G CCHD Fact Sheets](#)

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Mandated CCHD Screening Begins October 1

CCHD newborn screening is mandated statewide beginning October 1, 2014. Screening has already started in some, though not all, birthing centers. This issue of the newsletter focuses on the educational and training resources related to CCHD screening that is being developed by the Utah Department of Health, and the CCHD screening information that has been added to the birth certificate record.

Utah CCHD Screening Program Website

A CCHD Screening Program website is currently being developed by the Utah Department of Health and is anticipated to be available to the public in July, 2014. This website will contain information for families, including information on CCHDs, pulse oximetry, what happens with a failed screen, and frequently asked questions. The website will also contain information for hospitals, birthing centers, and home births regarding when babies should be screened, proper screening equipment to use, the recommended screening protocol, and how the screening results are being reported.

Online tutorials and echo training modules for sonographers, as well as a link to the CCHD screening toolkit containing the protocol, educational, and training materials, will be available on the website. Many thanks to the Wisconsin CCHD project team which graciously donated its website design and content to the Health Resources and Services Administration (HRSA) grantee states.

Echo Training Modules

The echo training modules that will be provided on the website are to assist cardiac sonographers in performing neonatal echocardiograms. These are not only useful modules to educate providers on CCHDs in general, but are particularly useful for sonographers who may not typically image pediatric patients on a regular basis. The training modules were developed and are provided by the Wisconsin Shine project team. CME credit is available for 2 SDMS CME credit hours for sonographers. Those wishing to obtain credit for participation in the training modules must complete a pretest, view each module, and complete a post-test and post-course survey.

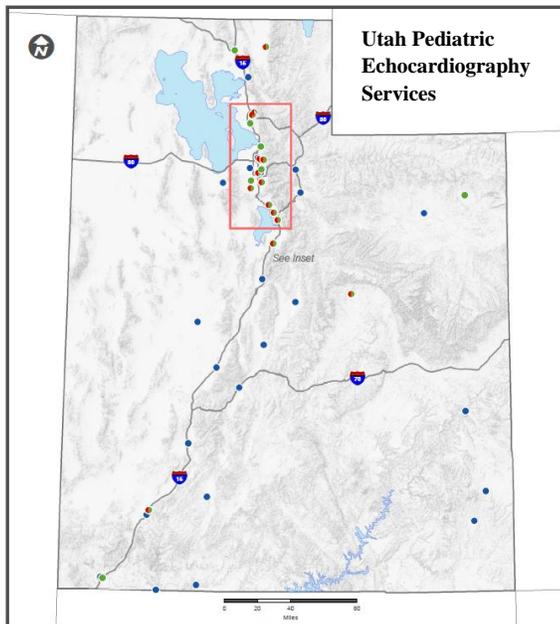
Terrible Ten #1: There is retrograde filling of the ascending aorta.

- What does it mean?
 - Little or no blood is crossing the aortic valve
- Entities to think about:
 - Hypoplastic left heart syndrome
 - Critical AS
 - Severe left ventricular dysfunction



Statewide Echo Locations

In coordination with pediatric cardiology at Primary Children's Hospital (PCH), a map is being created that will indicate the locations in Utah where pediatric echocardiography is available. This map will be located on the CCHD Screening website and is intended as a reference, especially for birthing facilities that do not have echo capabilities and need to transfer an infant to another facility. PCH is working with providers across the state to coordinate the utilization of telemedicine to read pediatric echocardiograms. The map will be updated regularly as more information on echo capabilities is obtained.



Educational Resources for Hospitals, Birthing Centers, and Midwives

Parent education sheets and provider education and training materials were created by the CCHD screening project team specifically for the pilot project. These educational/training resources are available from the Utah Department of Health to assist hospitals, birthing centers, and midwives in implementing CCHD screening into their practice. The logos and content of these materials can be altered to meet the needs of each provider/facility. If you are interested in any of these materials, please contact Amy Nance at 801-883-4661 or by email at aenance@utah.gov for more information.



Birth Certificate Reporting

As a means for monitoring statewide CCHD screening in Utah, a section for CCHD screening has been added to the birth certificate worksheet and to the Uintah electronic data entry form.

There are now three options for CCHD screening on the birth certificate: 1) pass, 2) fail, or 3) not screened. This reporting mechanism is already being used by birthing facilities conducting CCHD screening. UDOH will be monitoring these data and providing QI support to birthing facilities. Amy Nance will be conducting training with the birth certificate clerks during their fall conference. If your facility would like to start reporting sooner, please contact her at 801-883-4661 or by email at aenance@utah.gov.

Do You Have Questions About CCHD Screening?

We are available to answer any questions or concerns regarding implementing CCHD screening in Utah. Additionally, we are willing to share resources created for and obtained from the CCHD pilot project with your organization.

Please direct inquiries to Amy Nance, Project Coordinator, at 801-883-4661 or aenance@utah.gov.

Birth defects affect us all.



What effect will YOU have on birth defects?