



## Newborn Screening News

# Severe Combined Immunodeficiency (SCID) Testing



Colorado Department  
of Public Health  
and Environment

### WHAT IS Severe Combined Immunodeficiency (SCID)?

SCID is a rare group of inherited disorders characterized by defects in both T and B cell responses. SCID is known to many from the story of David Vetter and 1980s movie *The Boy in the Plastic Bubble*.

Classic symptoms of SCID include an increased susceptibility to a variety of infections (ear infections, thrush, pneumonia, diarrhea), and failure to grow and gain weight or “failure to thrive”.

Children with untreated SCID do not typically live past the age of two.

### WHEN WILL SCID TESTING BE AVAILABLE AT THE CDPHE NEWBORN SCREENING LAB?

SCID testing is expected to be available to customers in the first newborn screening panel on October 1, 2011.

### WILL THERE BE A PRICE INCREASE FOR SCID TESTING?

Yes. In October, the price of the first newborn screening panel of tests will increase to:

Colorado customers = \$92\*

Non-Colorado and military customers = \$51

July—September billings will reflect the price of the first newborn screening panel without SCID testing :

Colorado customers = \$85\*

Non-Colorado and military customers = \$45

Second screen test pricing will remain the same: \$35 for Colorado military and non-Colorado customers.

\*First newborn screening price for Colorado customers includes the second screen tests at no additional cost.

### WHAT DOES MY ORGANIZATION NEED TO DO TO PREPARE FOR SCID TESTING?

Customers should contact their Information Technology staff to ensure that the results section of electronic patient files includes a data field to accommodate the SCID test result.

### ARE THERE ANY CHANGES TO SPECIMEN COLLECTION PROCEDURES?

No, the specimen collection procedure is the same as for the first newborn screening panel.

To view a video clip of the proper collection process, visit the link:

<http://coscorn.train.org/Courses/LAB-WEB/NBS-Specimen-Collection/index.html>

### HOW CAN I STAY INFORMED ABOUT NEWBORN SCREENING NEWS?

You can join the CDPHE Newborn Screening contact database by visiting the following link and providing your contact information: <http://fs8.formsite.com/cohealth/newborn/index.html>

### IS TRAINING AVAILABLE ON NEWBORN SCREENING DISORDERS AND SPECIMEN COLLECTION?

Yes. The CDPHE Laboratory Services Division offers a comprehensive online training at: [www.co.train.org](http://www.co.train.org)  
Create a user account at this website and click CDPHE Lab Training on the left side of the home page to locate the newborn screening course button.

For a complete listing of available courses offered at the CDPHE Laboratory Services Division, visit [www.co.train.org](http://www.co.train.org) and click the CDPHE Lab Training link on the left side of the home page.