

Newborn Cohort (NEC) Genetic Screening

A. Collection of Cord Blood Samples: St Joe's Hospital

Cord blood samples are routinely collected at St. Joseph's Hospital for the hospital's own purposes. All obstetricians practicing at St. Joseph hospital have been asked to collect these samples at the time of delivery. Obstetricians are given the following instructions:

“Cord blood samples should be collected in 5mL lavender-top tubes which have been placed in the equipment drawers of the delivery room tables. These tubes are sterile and will be put in the delivery set-up by the nurses. Please obtain the routine red-top tube sample first, and then fill the lavender-top tube. Before you put the lavender-top down, mix the blood by gently inverting the tube 8-10 times. This is important because it keeps the blood from clotting. This tube will be labeled in the same manner as the red-top tube and will be stored in **scrub room** until collection and processing by our study recruiters who are also responsible for obtaining informed consent from the mothers.”

Because there is only one lavender-top tube in the kit, nurses and doctors require additional tubes for twins, triplets, etc. DAISY supplies the hospital with these additional lavender-top tubes. A DAISY recruiter will bring a supply of lavender-top tubes to the storage room located next to the labor and delivery nurse's station as needed.