

Newborn Screening Laboratory Subcommittee Meeting Agenda
May 4, 2026 9:00am – 11:00am
Illinois Department of Public Health

1. MLD/ALD/GAMT triplex assay update
 - a. Went live on 3/30/2026
 - b. Cutoffs for GAMT were updated shortly after go-live
2. DMD will begin research for implementation
 - a. The lab will likely need more space for additional instrumentation. Currently, the contract is out for bid for renovations to accommodate more space for NBS on the first floor of the Chicago IDPH lab.
3. NeoBase 2 Update: Cutoff changes to HHH (Orn) and SCAD (C4)
 - a. HHH (Orn) and SCAD (C4) updated cutoffs went into effect on 4/9/26
 - b. The lab will be evaluating cutoffs for VLCAD (C14:1), NKH (Gly), GA1 (C5-DC), ASA, and TYR 1, 2, & 3 (Tyr & SUAC) next.
 - i. Any additional disorders to evaluate?
4. CF Sequencing – Vineet Dhiman, PhD
 - a. Sequencing will increase TAT because the workflow adds extra time to complete.
 - b. The program would release a preliminary result indicating that CF sequencing is pending. This would state that results may not be available until 1-2 weeks.
 - c. Laboratory is working with current 72 mutation panel vendor (Agena) to expand the panel to a higher number of mutations. Currently in alpha testing phase.
 - d. Vineet will connect with Kim and Divya offline to see if there are alternative methods to identify more CF cases without skipping the CF DNA panel and going straight to sequencing for IRT top 4%.
5. Discussion and feedback from specialists
 - a. DMD was added to the Illinois state panel and will need to be implemented by the program.