

Laboratory Standards and Procedures Subcommittee Report

January 17, 2014

Kellie Kelm, Ph.D. – Chair
Susan Tanksley, Ph.D. – Co-chair

Priorities for Lab Subcommittee

- **Priority A:** Review new enabling/disruptive technologies
 - SUAC Implementation Survey Update
- **Priority B:** Provide guidance for state NBS programs in making decisions about lab implementation, integration, follow-up (FU), and quality assurance (QA)
 - SCID Slide Deck – Update in May
 - Timeliness of specimen transport
- **Priority C:** Establish process for regular review and revision of the Recommended Uniform Screening Panel (RUSP)
 - No update at this time

Subcommittee Roster

Stanton Berberich

Harry Hannon

Dieter Matern

Roberto Zori

Bill Slimak

Jane Getchell

Fred Lorey

Mei Baker

Michael Watson

Carla Cuthbert

Swapna Abhyankar

George Dizikes

Clem McDonald

Michele Caggana

Ad Hoc Experts: Koon Lai, Joann Bodurtha, Jelili Ojodu,
Ed McCabe

Chair: Kellie Kelm

Co-chair: Susan Tanksley

HRSA staff: Tina Turgel and Debi Sarkar

SUAC Implementation Project Update

SUAC Implementation Survey Results

- Tyrosine is not a specific marker for TYR I, but also elevated in other conditions.
- Succinylacetone is a specific marker for TYR I, but not detectable by routine newborn screening.

SUAC Implementation Survey Results

Obstacles to SUAC Implementation are Mostly Operational

- Some states have concerns about the performance of the existing kits that offer SUAC
- Money, space, staff, equipment

SUAC Implementation Survey Results

Publication will include:

- Analysis of CDC proficiency data
- Analysis of R4S data
- Discussion of issues that are the main obstacles of SUAC implementation

SUAC Implementation Survey Results

Progress:

- Draft in process and should be complete soon
- Send out to subcommittee members for input before next meeting
- Submit to peer-reviewed journal
- Upon publication, will bring it forward for consideration of SACHDNC action (placement on website)

Questions?