

# Hawaii Department of Health Newborn Hearing Screening Program - Hospital Screening Flowchart Guideline

## When the (OAE) Otoacoustic Emissions are used for screening:

Route 1 – If the baby passes the (OAE) Otoacoustic Emissions screening, no further action is needed.

Route 2 – If the baby does not pass OAE screening, then the (AABR) Automated Auditory Brainstem Response should be performed as a second stage screening protocol.

- If the baby is older than 10-12 hours from the time of birth, at the time the OAE is done:  
An AABR screening should be conducted after the OAE. If the baby passes the final initial screening in the hospital, then no further action is needed. If they do not pass, they are referred for an outpatient repeat screening within 2 weeks. If they pass the repeat screening, no further action is needed. If they do not pass the outpatient repeat screening, then an AABR screening is conducted immediately after the OAE screening. If they do not pass the final repeat screening via AABR, they should be referred to DOH to enable the DOH to alert the PCP to schedule an evaluation with pediatric audiologist.
- If the baby is younger than 10-12 hours from the time of birth, at the time the OAE is done:  
A repeat of OAE screening should be conducted as close to discharge as possible. If the baby passes that screening, then no further action is needed. If that baby does not pass, they should be screened via AABR immediately. If they pass the AABR screening, no further action is needed. If they do not pass the AABR screening, an outpatient repeat screening should be done within 2 weeks after discharge from the hospital. If they pass the repeat screening, then no further action is necessary. If they do not pass the repeat screening, they should be screened via AABR screening. If they do not pass the final repeat screening via AABR, they should be referred to DOH to enable the DOH to alert the PCP to schedule an evaluation with a pediatric audiologist.

## When the (AABR) Automated Auditory Brainstem Response is used for screening:

Route 1 - If the baby passes AABR screening, no further action is needed.

Route 2 – If the baby does not pass the screening, a referral should be made to complete an outpatient AABR within 2 weeks. If the baby passes, then no further action is needed. If the baby does not pass, they should be referred to DOH to enable the DOH to alert the PCP to schedule an evaluation with a pediatric audiologist.

## When a baby is born and no screening is done:

The baby should be referred for an outpatient OAE screening within 2 weeks. If they do not pass, they should be referred to DOH to enable the DOH to alert the PCP to schedule an evaluation with a pediatric audiologist. If they pass, no further action is necessary.