Tracking Tools Overview for Documenting, Tracking and Monitoring OAE Hearing Screening Outcomes

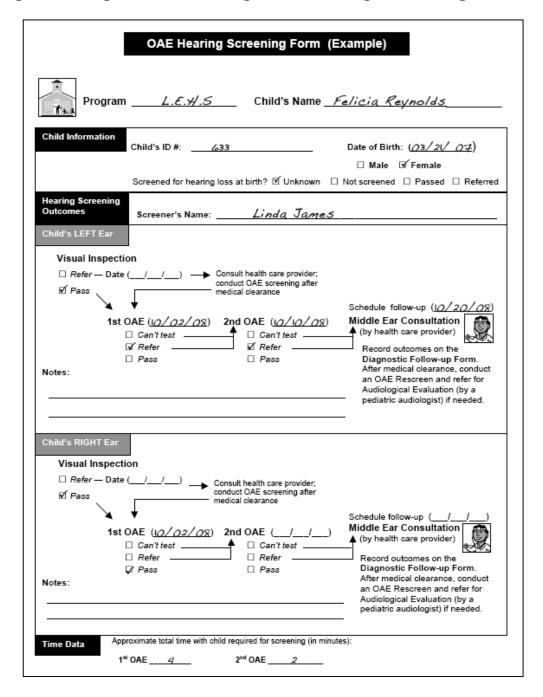
Step 1. Documenting OAE Screening & Diagnostic Outcomes (for each child's health record)

OAE Screening Form

This easy-to-use form reflects the recommended OAE screening protocol and shows the "next step" screeners should take if the child doesn't pass the initial screening.

Typically, about 75% of children will pass the first OAE screening on both ears. Children not passing the first OAE screening should receive a second OAE screening within 2 weeks. A small percentage of children (usually less than 10%) will not pass the second OAE screening and will need to be referred to a health care provider for a middle ear consultation.

The completed Screening Form can be filed as part of each child's health record; it can also be copied and passed to the health care provider and/or audiologist if follow-up evaluation is needed.



Diagnostic Follow-up Form

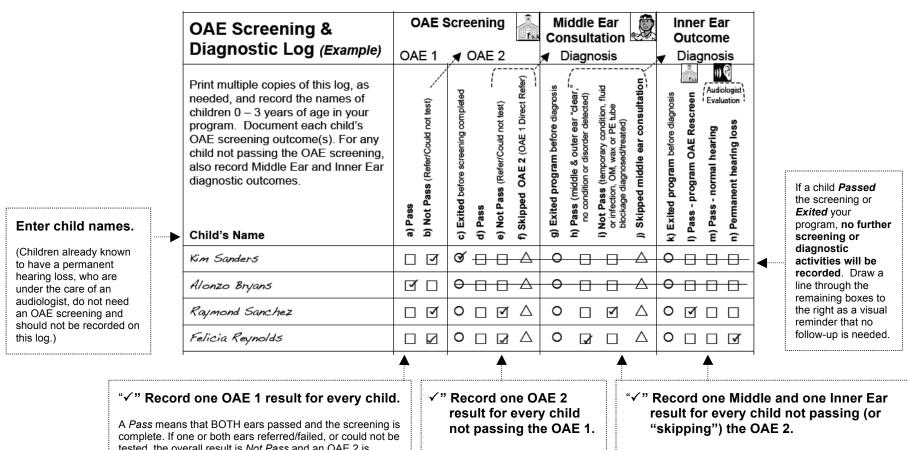
This form reflects the recommended diagnostic protocol for children not passing the OAE screening (typically less than 10% of the total number of children screened). For these children, a middle ear consultation should be completed by a health care provider and the outcome documented.

When the provider indicates that the outer and middle ear are clear, the screening program should complete an OAE Rescreen. If the child passes, no further action is needed. If the child does not pass, an audiological evaluation should be scheduled as soon as possible.

Wildelie Ear Col	nsultation (typically conduct	ed by a health care provider)					
Date: (<u>10 /20/08</u>) 🗆 N	ID Name of person performing	ng service: <u>Karen Johes</u>					
Medical service(s) perform	ned:						
□ Otoscopy □ Pneum	atic Otoscopy 🗹 Tympan	nometry Other					
Diagnosis & Treatment:		Follow-up recommendation(s) and date by which					
Ear <u>L</u> <u>R</u>		recommendation should be completed:					
☑ Normal (no cond	lition or disorder detected)	(check all that apply)					
□ □ Cerumen remov	al	None					
☐ ☐ PE tube blockag	e cleared	☑ Repeat hearing screening (/0/26/08/) □ Audiological evaluation (/ /)					
☐ ☐ Middle ear disor	der (describe):	☐ Further medical evaluation (/ /)					
		☐ Referral to Early Intervention (//)					
		☐ Medical treatment (//)					
☐ ☐ Other:		□ Other (_ / _ / _)					
f (by program) ar <u>L</u> <u>R</u> □ □ Can't test	Date: (/ / / 0// 68) Name (of person performing service: <u>Lou</u> Peyez					
☑ □ Refer	Audiological services perform	ned: □ ABR ☑ Behavioral □ Other					
	e box under Type and Degree for each ear)						
□ ☑ Pass	rieding status. (check one						
□ 🗹 Pass	Ear L R Type of loss	Ear L R: Degree of Loss					
□ In Pass	Ear <u>L</u> <u>R</u> <u>Type of loss</u> ✓ □ Permanent loss	Mild					
,	Ear L R Type of loss Permanent loss (sensorineural,	conductive, mixed)					
Pass on both ears Screening	Ear <u>L</u> <u>R</u> <u>Type of loss</u> ✓ □ Permanent loss	conductive, mixed) ☐ ☐ Mild ☐ ☐ Moderate ☐ ☐ Severe					
Pass on both ears	Ear L R Type of loss ✓ □ Permanent loss (sensorineural, □ □ Temporary loss	conductive, mixed)					

Step 2. Tracking OAE Screening & Follow-up Diagnostic Activities

The OAE Screening & Diagnostic Log (example shown below) is a simple way to keep track of which children have completed the screening and which need follow-up. The Log should be updated regularly as new children are enrolled in the program and as screening and diagnostic activities are completed. (You may want to refer to each child's OAE Screening and/or Follow-up Diagnostic Forms when filling out this Log.) The Log should reflect all OAE screening activities from August 15, 2008 to date.



tested, the overall result is Not Pass and an OAE 2 is needed.

(If a child was referred to a health care provider from the Visual Inspection before an OAE screening attempt was made, complete the consultation and the OAE screening, then record the OAE 1 outcome.)

Conduct an OAE 2 on every child's ear(s) not passing the OAE 1 screening. If one or both ears in question do Not Pass, mark that outcome and schedule a middle ear consultation. If a Pass is achieved, the screening is complete. If an OAE 2 has NOT YET been conducted, leave the column blank temporarily.

If one or both ears in question do Not Pass the middle ear evaluation (temporary blockage or condition diagnosed). mark that as the overall outcome. No matter what the Middle Ear outcome is, an Inner Ear test is also needed. Hearing screening is considered complete only when the child has passed an OAE screening on each ear or an inner ear evaluation has been conducted by an audiologist and you have received those results. If follow-up diagnostic activities have NOT YET been completed, leave the columns blank temporarily.

OAE Screening &	OAE	Screening	Ť.	Middle Ear Consultation					Inner Ear Outcome			
Diagnostic Log (Example)	OAE 1		✓ Diagnosis					Diagnosis				
Print multiple copies of this log, as needed, and record the names of children 0 – 3 years of age in your program. Document each child's OAE screening outcome(s). For any child not passing the OAE screening, also record one Middle Ear and one Inner Ear diagnostic outcome. Child's Name	a) Pass b) Not Pass (Refer/Could not test)	c) Exited before screening completed d) Pass e) Not Pass (Refer/Could not test)	f) Skipped OAE 2 (OAE 1 Direct Refer)	d program before di	n) rass (middle & outer ear crear, no condition or disorder detected)	i) Not Pass (temporary condition, fluid or infection, OM, wax or PE tube blockage diagnosed/treated)	j) Skipped middle ear consultation	k) Exited program before diagnosis) Pass - program OAE Rescreen		n) Permanent hearing loss upper loss	
Kim Sanders	□ਾ	ଡ □ □	Δ	0			Δ	0	-		-	1
Alonzo Bryans	<u> </u>	0 0	Δ	0			Δ	0				1
Raymond Sanchez	□₫	0 🗆 🗹	Δ	0		✓	Δ	0	4			

Periodically, you will tabulate the results of each column "a" - "n" on the Log and record each tally on the Summary Sheet shown below. Depending on program enrollment, the tally will probably include multiple Log pages. It is expected that not all children will have completed the screening or diagnostic processes at any given point in time---therefore some children's OAE 2 or Middle or Inner Ear outcomes will be left blank temporarily. These outcomes will be captured the next time the outcomes are tabulated.

Summary Sheet of OAE Screening & Diagnostic Outcomes

Print one copy of this sheet. Periodically, count the total number of checks marks in each column on your OAE Screening & Diagnostic Log (which may include multiple pages). Record the date and each total in the corresponding box "a" – "n" below. Use these totals, as prompted, to complete the information requested on the Online OAE Screening & Tracking Self-Monitoring Tool.

Ryan i
Joe//e
Emily
Loren
David
Micho

Felici

Noah

Maris

Date	0	OAI AE 1	E Screening OAE 2			Midd	ile Ear Diag	Consulta nosis	ation	Inner Ear Outcome Diagnosis				
	a) Pass	b) Not Pass (Refer/Could not test)	c) Exited program before screening completed	d) Pass (screening completed)	e) Not Pass (Refer/Could not test)	f) Skipped OAE 2 (OAE 1 Direct Refer)	g) Exited program before diagnosis	h) Pass (no condition or disorder detected)	i) Not Pass (temporary condition diagnosed/ treated)	j) Skipped middle ear consultation	k) Exited program before diagnosis	I) Pass - Program OAE Rescreen	m) Pass – Normal Hearing (Audiologist Evaluation)	n) Permanent hearing loss (Audiologist Evaluation)
10-01-08	11	8	1	I	4	I	0	2	2	0	I	2	0	1

This is an excellent way to summarize the overall outcomes to date of your OAE hearing screening efforts. The data can then be used for periodic reports, site reviews, and as evidence of compliance with performance standards.

Step 3. Monitoring Outcomes using the Online OAE Screening & Tracking Self-Monitoring Tool

To "test drive" the Online Self-Monitoring Tool, go to http://tinyurl.com/testdrivemonitoringtool. Enter the column totals in the example shown above to receive an analysis.

Sign up (once) to use the Online Self-Monitoring Tool at http://tinyurl.com/signupformonitoringtool.

After you sign up, you will be reminded periodically (approximately 6 times per year) to enter figures from your Summary Sheet into the Online Tool to obtain immediate feedback. Alternately, any time you are ready to get feedback on your own screening and follow-up activities, go to:

http://tinyurl.com/oaemonitoringtool. Be sure to check your email after using the Online tool. The feedback you receive will provide you with helpful information such as the initial OAE screening Pass Rate and the numbers of children who need follow-up.

