Enterprise Clinical Audiology Application (ECAA)

DHA Defense Health Agency ®

Hearing Center of Excellence

ECAA IS THE DHA MANDATORY SYSTEM OF USE TO CAPTURE CLINICAL AUDIOGRAMS

On Oct. 26, 2021, the Assistant Director, Defense Health Agency (DHA) Healthcare Administration signed a memo to implement the mandated use of ECAA. It is of great importance to ensure the clinic staff are complying with this mandate. ECAA is a main data source that populates the congressionally mandated Joint Hearing Loss and Auditory System Injury Registry (JHASIR). In addition, ECAA is now interfaced with the MHS GENESIS electronic health record (EHR) automating the transfer of ECAA data and standardizing clinical audiology records.

"ECAA is to be used for capturing all clinical audiological (diagnostic) evaluations. This mandate applies to all MTFs under the authority, direction, and control of your respective Market/Direct Support Organization. This DHA directive is issued pursuant to a Congressional mandate outlined in Section 721 of the National Defense Authorization Act for Fiscal Year 2009…"

If you are experiencing any technical issues, place a ticket with the MHS Service Helpdesk (800-600-9332) and have them assign to ECAA Tier 3.

ECAA-TO-MHS GENESIS INTERFACE – NOW LIVE

In April 2023, a bi-directional interface between ECAA and MHS GENESIS went live to enable Department of Defense clinics a way to capture and transmit clinical audiology evaluations to the EHR. This new feature sends a list of patient appointments to ECAA and automates uploading the diagnostic test results into MHS GENESIS during the save and sign process within ECAA.

Connecting ECAA and MHS GENESIS will allow patient data to flow from MHS GENESIS to ECAA and the results of each clinical audiology exam, including discrete data plus a PDF of the audiogram, are transmitted to and available within MHS GENESIS.

CRITICAL Q&A ECAA TIP!

Q: Why is the CAC signature required in ECAA?

A: The CAC signature is required to initiate the transmission process to the EHR through the ECAA-MHS GENESIS interface. Unsigned records will not transmit.

A: The CAC signature flags the test series as "complete." This is required for JHASIR to receive ECAA test results, as well as other military health systems.

A: CAC signing allows us to capture compliance of ECAA usage per the mandate. Tracking usage assists in answering congressional inquiries related to the gaps in JHASIR, which includes missing clinical audiograms and other audiometric tests completed in ECAA.

ECAA Modules Available

- Otoacoustic Emissions (OAE)
- Auditory Fitness for Duty (AFFD)
- Auditory Processing Disorder (APD)
- Integrated Platform for Clinical Assessment and Monitoring (IPCAM)/TabSINT
- Vestibular (Coming soon…)

MEDICAL DEVICES APPROVAL

The HCE continues to work with the DHA CyberLog team to accredit the various medical devices used within the audiology clinics. All the primary devices used most often (audiometers, tympanometers, OAEs) have been approved and are now listed on the DHA Approved Products List for local Military Treatment Facilities Cybersecurity staff to review. If you have medical devices that you would like to be evaluated for use, please send us the information listed below at this email: **usaf.jbsa.59-mdw.mbx.hcoe-im-audiology@health.mil**

- ❖ Device type (ex. audiometer)
- ❖ Device make/model (ex. GSI 61)
- ❖ Manufacturer (ex. Grason-Stadler)
- ❖ Device total count
- ❖ Base name
- ❖ Clinic name (if outlying clinic away from the main MTF clinic)
- ❖ Audiology staff point of contact info (name, email address, and phone number)
- ❖ Notes (ex. backup device when primary is non-functional)