Department of Defense Hearing Center of Excellence Information Management

HCE Mission Statement

Provide support to enhance operational performance, medical readiness, and quality of life through collaborative leadership and advocacy for hearing and balance health.

WHAT WE DO

- Program Management
- Application Development
- Cyber Security
- Data Analysis
- Data Abstraction
- ECAA User Support
- JHASIR User Support
- JHASIR Training
- Medical Device Integration
- Telehealth Support

Hearing Center of Excellence (HCE) Information Management (IM) Branch Support

Why does HCE have an IM branch and how does it contribute to the HCE mission?

The Department of Defense (DOD) established the Hearing Center of Excellence, to focus on the prevention, diagnosis, mitigation, treatment, and rehabilitation of hearing loss and auditory injury. HCE was legislated by Congress in the National Defense Authorization Act (NDAA) for Fiscal Year 2009 (Section 721) and directed to partner with the Department of Veterans Affairs (VA), institutions of higher education, and other mission-minded public and private organizations. In order for the HCE to meet its mission and the specific responsibilities outlined in the NDAA, the IM branch was established in October 2012.

While the IM branch's primary focus was to ensure development of the Congressionally mandated registry, now known as the Joint Hearing Loss and Auditory System Injury Registry (JHASIR); the IM team also focused on the development and deployment of a Military Health System (MHS) enterprise-wide application for standardization and capture of clinical audiograms, now known as the Enterprise Clinical Audiology Application (ECAA).

The IM branch continues to provide ongoing support across the HCE branches, VA, military Service branches, and other organizations with various initiatives, projects, studies, and analysis.

We are here to support our internal and external customers with Information Management needs including but not limited to:

- Identifying and acquiring your information needs
- Providing analysis and interpretation of information
- Appropriately disseminating information
- Developing products and services to meet our customers needs

If you have any questions for our IM branch team, please feel free to contact us at usaf.jbsa.59-mdw.mbx.hcoe-im-audiology@mail.mil. One of our team members will route your question to the appropriate POC within IM and we will get back with you as quickly as possible.

Otoacoustic Emissions (OAE) Module – A new addition to ECAA since Oct 2020.

Finding the OAE Module:

Step 1:

From the ECAA Home Window, create a New Patient / Subject using the New Subject button or find an existing patient in the database by using the search window.

Step 2:

Select the New Audiogram button and the Audiogram test screen will open.

Step 3:

Click on the OAE tab to open the module.

ECAA Guidebook Available!

Guidebooks were sent out to the Audiology Community from our HCE Service Liasions in September 2020.

However, if you didn't receive a copy, no worries! We'll be happy to send the ECAA Guidebook to you! Lots of great ECAA info as well as a designated area for the OAE module.

To request a copy please email our org box at: usaf.jbsa.59-mdw.mbx.hcoe-im-audiology@mail.mil.

Enterprise Audiology Clinical Application (ECAA)

Are you conducting your clinical audiograms in the most efficient and timely manner?

What is ECAA?

ECAA – formerly known as AudBase – is one of several data sources that helps formulate the core structure of JHASIR. ECAA provides a standardized method of electronically capturing computerized/digitized clinical hearing test results that assist a healthcare provider in determining the most effective treatment option for those suffering from hearing loss and/or injury.

Benefits of ECAA?

- Standardizes clinical auditory testing within the audiology clinics across the Service branches.
- Enables full capture of computerized/digitized hearing/auditory system evaluation data directly from clinical diagnostic audiometric equipment across the MHS.
- Centralizes computerized/digitized audiometric data, making it readily accessible to all healthcare providers and researchers.
- Supports the potential auto population of ECAA data into the MHS GENESIS Audiology Module.
- Reduces manual entry process for the provider and increases accuracy of data entered by eliminating hand entry of exam results.
- Enterprise solution helps minimize training/re-educating providers as they move to new duty locations.
- Customizable version of ECAA allows the DOD to request vendor software development to meet the specific audiology community requirements.

This Month's Q&A ECAA Tip!

Q: How to identify Department of Defense Identification (DOD ID) number for an infant?

DOD ID numbers are assigned to infants directly from the Defense Enrollment Eligibility Reporting System (DEERS) when they are registered as newborns through CHCS or MHS GENESIS. See below on how to view the infants DOD ID from Composite Health Care System (CHCS), Armed Forces Health Longitudinal Technology Application (AHLTA) or MHS GENESIS prior to entering an infant into ECAA.

CHCS - Complete a DEERS Eligibility Request (DER) when patient presents for care. The DOD ID number will be displayed when the DEERS inquiry results are returned.

AHLTA - Select the Patient Search and enter patient info to pull up the patient. The DOD ID number will be displayed at the top of the screen (next to the last four of patient SSN).

MHS GENESIS - Conduct a local search via Access Management Office or Conversation Launcher. The DOD ID number will be displayed at the top of the screen (next to the patient name).

Main Page
Hearing Injury Registry
DOEHRS-HC Standalone
Documents
Research
User Export List
▸ JHASIR Reports
▸ My Saved Filters

Hearing Injury Registry

FILTER: NO FILTER CRITERIA APPLIED

Quick Search: Search for...   Go! (i)

|◀ ◀ 1 2 3 4 5 6 7 8 9 10 ... ▶ ▶| 25 ▼ items per page   1 - 25 of 212925 items ⟳

DOD ID	DOB	Available Audiograms	Prior Hearing Loss	PTS Date	Clinical Dx Date	Qualifying Dx 1	Qualifying Dx 2	Gender	BENCAT	Patient Service Branch	Rank	Pay Grade	Note Indic ator
DEMO196...	10/17/1967	DOEHRS	FALSE		01/05/2015	38916	38830	M	ACT	N	CAPT	O6	
DEMO451...	12/06/1985	DOEHRS, ECAA	TRUE		03/04/2019	H93243		M	GRD	A	SGT	E4	
DEMO962...	06/16/1983	DOEHRS	FALSE		02/26/2003	79415		M	ACT	N	SN		
DEMO665...	04/15/1953	DOEHRS	TRUE		12/06/2006	38812		M	ACT		MSG		

Joint Hearing Loss and Auditory System Injury Registry (JHASIR)

What is JHASIR?

The Congressionally mandated registry, JHASIR, met full operational capability on 31 Jan 2020! We are excited to see our Audiology and VA community accessing the registry and our user group continuing to grow. JHASIR provides a multiude of benefits throughtout the Services and the VA community.

JHASIR combines clinical episodes of care from both DOD and VA audiograms, demographic, deployment, theater trauma, and non-trauma data. All information is in computable fields to promote analysis, research, performance improvement, and continuity of care.

JHASIR Capabilities

- Identifies/tracks all Service members and Veterans with service-related hearing loss and auditory and vestibular system injuries from 2001 to present.
- Supports medical readiness by monitoring comprehensive hearing health programs.
- Provides, enables, and allows bidirectional data sharing capability between DOD and VA.
- Supports clinical providers by delivering longitudinal data.
- Improves Service member transition to VA by providing health data enabling continuity of care.
- Measures program effectiveness by outlining, monitoring, and reporting on hearing health initiatives and best practices.
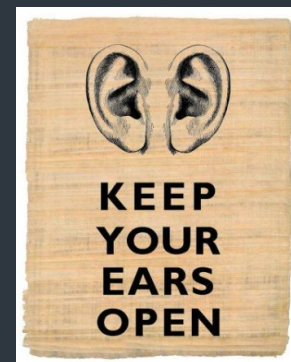
Benefits of JHASIR

JHASIR provides longitudinal hearing loss and auditory-vestibular system injury data. It facilitates research and best practice development through bidirectional data to advance solutions and eliminate gaps in hearing health. The registry ultimately enhances the hearing health of our Service members and Veterans leading to optimal operational performance, medical readiness, and quality of life.

JHASIR Data Sources

Direct Care

Purchased Care

Ancillary Services

DOEHRS – HC

DODTR

DMDC

ECAA

TMDS

VA CDW

VA NAR

VA Community Care

VA VistA

VA AudBase

VBA

See acroymn desription - pg 4

KEEP YOUR EARS OPEN

COMING SOON!

We are excited to announce that JHASIR users will have the ability to complete data and reporting requests straight from JHASIR. More to come…

Need Training?

We've got you covered! Simply send us an email to request JHASIR training at usaf.jbsa.59-mdw.mbx.hcoe-im-audiology@mail.mil.

Meet Our HCE IM Team!

Leadership/Management Support Team

Ms. Trina Morrisette, Chief of Information Management Branch – trina.l.morrisette.civ@mail.mil
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ECAA Technical Team

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Information Assurance (IA)/CyberSecurity Team

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Data Analytics Team

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JHASIR Team

Our JHASIR team is a combination of various team members listed above. If you have questions regarding JHASIR, please contact our org box at usaf.jbsa.59-mdw.mbx.hcoe-im-audiology@mail.mil

Stand by for our team spotlights in our future newsletter!

We look forward to providing detailed information on the various support our team provides to our customers and hope this will help you get to know us better.

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Data Source Acronym Description:

Direct Care – Outpatient and Inpatient (Care received from Military Treatment Facilities)

Purchased Care – Outpatient and Inpatient (Care received from civilian providers including individuals, groups, hospitals, and clinics)

Ancillary Services – Laboratory, Pharmacy and Radiology Services

DOEHRS-HC – Defense Occupational & Environmental Health Readiness System - Hearing Conservation

DoDTR – Department of Defense Trauma Registry

ECAA – Enterprise Clincial Audiology Application

TMDS – Theater Medical Data Store

VA CDW – Veteran Affairs Corporate Data Warehouse

VA NAR – Veteran Affairs National Audiometric Registry

VA Community Care – Veteran Affairs care received from civilian providers outside of the VA

VA VistA – Veteran Affairs Veterans Health Information Systems and Technnology Architecture

VA AudBase – Veteran Affairs Clinical Audiology Application

VBA – Veteran Benefits Admistration