



ONENESS RESEARCH SOLUTION

Jackson Health System

Information Technology

a Digital Transformation Solution

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Oneness Research Solution (ORS) is a secure web-based platform that enables clinicians and researchers to efficiently query the Jackson Health System's EMR data and identify patient populations for clinical research. Using a dynamic query-tree interface, users can build precise cohorts through customizable Groups and Rules, apply inclusions and exclusions, and view real-time population counts.

ORS streamlines cohort submission, review and approval while maintaining full audit transparency. The solution enhances research efficiency, ensures compliance, and supports Jackson Health System's mission to advance data-driven, evidence-based clinical research in collaboration with the University of Miami clinicians and researchers.

Accessing the Oneness Solution

The Jackson Health System Oneness Research Solution (ORS) can be accessed via the JHS Portal Application Directory.

To launch the application:

- From the JHS Portal, open the Application Directory [Application Directory](#)
- In the search bar, type 'Oneness'
- Click the Oneness application hyperlink to open the solution. [Oneness](#)

For quicker access, users may bookmark the application by selecting the green action icon, which saves the Oneness link to their Favorites within the JetPortal.

The screenshot shows the JHS SharePoint portal interface. At the top, there is a navigation bar with the Jackson Health System logo and several menu items: JHS SharePoint, My Identity, Outlook, Calendars, and Submit Work Orders & Requests. Below this is a secondary navigation bar with links for Home, Application Directory, Content Directory, Department List, Employee Resources, Human Resources, and FA. The Application Directory link is highlighted in orange. Below the navigation bars, there are tabs for My Applications and All Applications, with All Applications selected. A search bar contains the text 'Oneness'. Below the search bar, there is a table with columns for Name, Description, Owner, and Actions. The table contains one entry for 'Oneness' with a green bookmark icon in the Actions column.

Name	Description	Owner	Actions
128 Oneness	Oneness		

Log in using your Jackson Health credentials:

The screenshot shows the login page for the Oneness application. The page has a blue header with the word 'Oneness' on the left and the Jackson Health System logo on the right. The main content area is a light gray box with a white background. It contains a 'Log In' section with the following text: 'Please use your JHS network credentials to login.' Below this text are two input fields: 'Username' and 'Password'. A blue 'Log In' button is located at the bottom right of the input fields. At the bottom of the page, there is a copyright notice: '© 2025 Jackson Health System. All Rights Reserved.'

User Confirmation

Upon signing in, the user is presented with the ‘User Confirmation’ pop-up. This prompt appears each time the user accesses the system to ensure acknowledgement of appropriate system use.

- To proceed, the user selects ‘Submit’ to confirm acceptance
- To exit, the user may either close the browser or log out of the system

All user responses to this confirmation are captured as audited events within the system for compliance tracking.

Oneness Home Cohorts Log Out Jackson Health System

ONENESS RESEARCH SOLUTION (ORS) TERMS OF ACCESS & USE

REVIEW OF DE-IDENTIFIED INFORMATION FOR RESEARCH PREPARATORY PURPOSES

Access to the ONENESS Research Solution (ORS) is issued to eligible Jackson Health System and University of Miami employees (herein referred to as a "User") for the purpose of scientific explorations preparatory to clinical research (retrospective and prospective uses).

By proceeding to access ORS, I, the User, hereby agree to the following terms and conditions ("Terms of Access & Use").

I acknowledge that I will not proceed to access ORS if I disagree with—or have doubts about—anything stated in the Terms of Access & Use below.

1. I am accessing ORS to search for and request de-identified clinical information SOLELY for the purpose indicated above.
2. I certify that I have completed the ORS training modules provided by Jackson Health System/University of Miami and that all of my Conflict of Interest forms are current and up to date.
3. I have not and will not share my ORS login credentials with any other individual. I acknowledge that I have an ongoing responsibility to safeguard my ORS login credentials.
4. I understand and agree that Jackson Health System and University of Miami each have the sole discretion to grant, restrict, or terminate my access to ORS at any time and for any reason.
5. I acknowledge that I will be held accountable by Jackson Health System and University of Miami, as applicable, for any misuse of ORS in accordance with applicable employee policies.
6. I will NOT attempt to identify a particular individual through ORS or using the data retrieved from ORS as a result of my ORS query.
7. I agree that if I desire to request or access any data containing any direct identifiers (e.g., MRN or Date of Birth), I will have obtained an Institutional Review Board ("IRB") approval, including any required waiver of HIPAA Authorization, prior to accessing or receiving any direct identifiers from ORS Administrators.
8. I will NOT attempt to copy, modify, sell, distribute, disseminate, or transmit the de-identified clinical information queried or retrieved via ORS. I understand that I am responsible for engaging the appropriate University of Miami and Jackson Health System research support teams to approve and facilitate any data submission, transfer, or transmission to a third-party individual or organization.
9. ORS is overseen by the ONENESS Governance Committee which is comprised of representatives from the Jackson Health System and University of Miami. I agree that any research-related product or discovery (including, but not limited to, presentations, grant submissions, abstracts, publications, and inventions) that was derived from—or that references—data queried or retrieved through ORS will be first disclosed to the ONENESS Governance Committee before submission or dissemination outside of Jackson Health System and University of Miami.
10. I commit to acknowledging and giving credit to the ONENESS Initiative at the Jackson Health System and University of Miami when publishing or disseminating findings derived from, that reference, or were supported by data queried from ORS. I agree to contact The University of Miami Clinical & Translational Science Institute ("CTSI") and Jackson Health System Clinical Trials Office ("CTO") to request appropriate language. Guidelines for authorship credit will follow NIH recommendations, which are elucidated in the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, developed by the International Committee of Medical Journal Editors (Click here).
11. I agree to adhere to the NIH's public access policy (found here).
12. I acknowledge that I must provide a quarterly report to the ONENESS Governance Committee on outcomes, or lack thereof, resulting from my ORS queries. I acknowledge that the reporting requirement is a condition for ongoing access to ORS.
13. I agree that I will not, and I will not attempt to, translate, reverse engineer, decompile or disassemble the underlying software supporting ORS, or disclose the design of the software supporting ORS, or any underlying information or technology to any third-party.
14. I agree that nothing in ORS should be construed as granting any license or right to use any data, trademark, service mark, or logo displayed on or through ORS without the express written permission of the Jackson Health System, University of Miami, and/or the third party that may own the data, trademark, service mark, or logo.

I affirm that I have read the Terms of Access & Use in their entirety, and I consent to using my click below as my digital signature to formalize my agreement with the Terms of Access & Use.

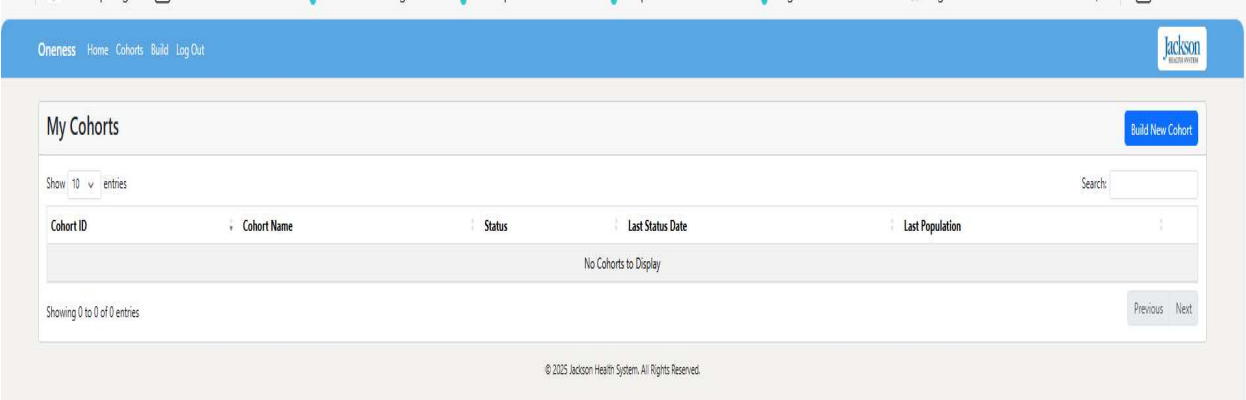
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Researcher's User Guide

Home Page

The Home Page serves as the central workspace where researchers can view and manage their saved cohorts.

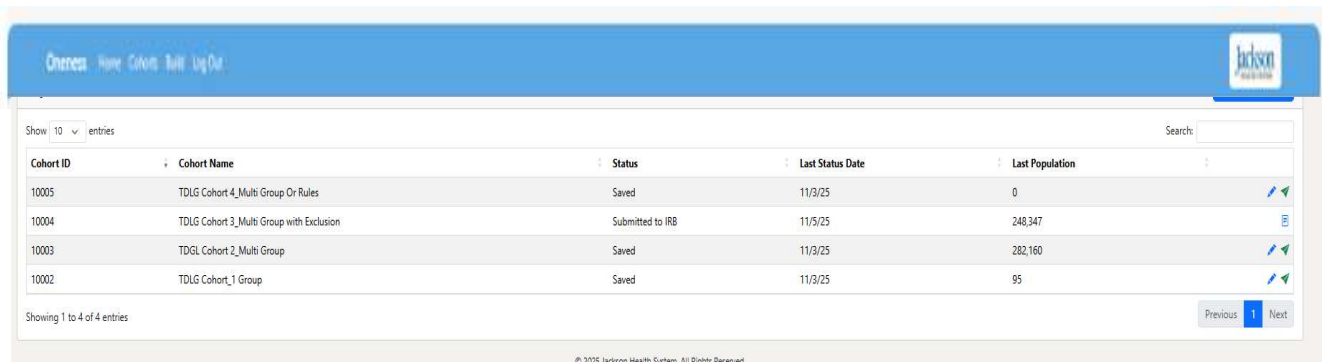
- **Cohort Management:**
All previously created cohorts are displayed on this page, allowing researchers to quickly access, edit, review or submit for IRB approval.
- **Starting a New Cohort:**
To begin a new cohort build, select the “*Build New Cohort*” button or click the “*Build*” option from the banner menu. The system will automatically generate a unique Cohort ID, which serves as an identifier for the patient population defined by the selected criteria.
- **Cohort Statuses:**
Each cohort will display one of the following statuses to indicate its stage in the research process:
 - *Saved* – The cohort has been created and stored but not yet submitted for review.
 - *Submitted IRB* – The cohort has been submitted to the Institutional Review Board (IRB) for review.
 - *Approved* – The cohort has been reviewed and approved for research use.
 - *Rejected* – The cohort did not meet IRB requirements or was declined for other reasons.



Researchers may modify or edit cohort criteria at any time while the cohort remains in a *Saved* status.

Once a cohort has been 'Submitted to IRB' for approval, it becomes locked and can no longer be edited or modified. This ensures the integrity of the submission and alignment with regulatory compliance requirements.

If further changes are needed after IRB submission, the researcher must create a new cohort to incorporate the desired modifications.



The screenshot shows the Oncoress Cohort Builder interface. At the top, there is a navigation bar with 'Oncoress Home Cohorts Build Log Out' and the Jackson Health System logo. Below the navigation bar, there is a search bar and a 'Show 10 entries' dropdown. The main content is a table with the following columns: Cohort ID, Cohort Name, Status, Last Status Date, and Last Population. The table contains four rows of data. At the bottom of the table, there is a 'Showing 1 to 4 of 4 entries' indicator and 'Previous' and 'Next' buttons. The footer of the page contains the copyright notice: '© 2025 Jackson Health System. All Rights Reserved.'

Cohort ID	Cohort Name	Status	Last Status Date	Last Population
10005	TDLG Cohort 4_Multi Group Or Rules	Saved	11/3/25	0
10004	TDLG Cohort 3_Multi Group with Exclusion	Submitted to IRB	11/5/25	248,347
10003	TDGL Cohort 2_Multi Group	Saved	11/3/25	282,160
10002	TDLG Cohort_1 Group	Saved	11/3/25	95

Building a New Cohort

To define a patient population, the researcher builds a cohort using a flexible query tree composed of Groups and Rules. Each element allows for the application of logical operators (AND/OR) and inclusion or exclusion criteria to refine the search.

- **Groups and Rules:**

A Group represents a logical container that can include one or more Rules. Each Group applies a single logic type (either *AND* or *OR*) across all its Rules.

- To broaden search criteria, users may add additional Groups and apply the *OR* logic between Groups.
- Criteria can therefore be applied both within a Group (between its Rules) and across multiple Groups (between Groups).

There is no limit to the number of Groups or Rules that can be created, allowing users to construct highly specific or broad cohort definitions.

When defining a Rule, users begin by selecting a Category such as Demographics, Diagnoses, Procedures, Observations or Encounters.

Based on the chosen Category, the system will prompt the user to select an appropriate parameter:

- *Operator* – Specifies the logical condition to apply (e.g., *equals, greater than, less than*).
- *Specification* – Defines the detailed element to be evaluated
- *Value Text Box* – Allows the user to enter a value or keyword. This field features auto-complete, providing dynamic suggestions as the user types. Users may enter either a code or a descriptive term to identify the desired value.


As the user progresses through each Rule, applicable parameter options will dynamically adjust to reflect valid selections based on prior selections.

The screenshot displays the 'Build New Cohort' web interface. At the top, there is a navigation bar with 'OncoSec Home Cohorts Build Log Out' and the 'Jackson' logo. The main content area is titled 'Build New Cohort'. It features a 'Name' input field containing 'TSG Cohort 5'. Below this is an 'Include' section with 'Add' and 'Or' buttons. A 'Group #1' section is active, showing 'Rule #1' configuration. The 'Category' dropdown is set to 'Demographic', and the 'Specification' dropdown is set to 'Choose...'. A list of categories is shown on the left: Demographic (selected), Diagnosis, Encounter, Observation, and Procedure. An 'Exclude' section is visible at the bottom left.

Once the user is satisfied with the query tree, select 'Save'. The system will automatically process the defined criteria and display the total population count that meets the selected conditions.

Each time the cohort is saved, the population count automatically updates to reflect the most recent set of criteria.

Submitting to IRB for Approval

From the Home Page, users may submit the cohort for IRB review by clicking on the green  icon located next to the cohort's name.

Submitting a cohort for IRB review indicates the data will be used for understanding population trends or for protocol development prior to IRB submission.

Upon selecting the submission icon, a confirmation pop-up will appear, prompting the user to confirm their intent to proceed. This pop-up also displays the total population count at the time of submission, allowing users to verify that the cohort criteria are accurate and complete before finalizing.

After submission, the cohort status automatically changes to 'Submitted to IRB', and the cohort becomes locked, disabling any further edits or modification. The cohort will remain available in view-only mode from the Home Page for reference during the review process.

Note: Once confirmed, the submission cannot be undone. To make additional changes a new cohort must be created.

