

How to use the EuroHeart demo registries

Table of contents

Login.....	2
Welcome page – choose healthcare unit	2
Registrations overview page with key figures	3
Navigation	3
Start a new registration	3
Search for a patient.....	3
Patient page in ACS-PCI.....	3
Continue to register	3
Register a new care process	3
Previously registered/Signed	4
Status symbols in a registration care process.....	4
Registration forms.....	5
i-symbols	5
Complete a process in EuroHeart ACS-PCI.....	6
To complete a process	6
To continue to work on a signed registration process	6
Results.....	6
General about the results section.....	6
Quality: Trends and comparisons	6
Overview chart.....	6
General features of the detail panels	7
Export to Excel	7
Documentation	7
Change healthcare unit.....	7
Appendix A: Patients.....	8
Appendix B: Technical info.....	8
Supported browsers.....	8
Appendix C: Documentation: See all registration definitions.....	9

About this document

This document gives a quick overview of the EuroHeart demo registries and detailed instructions on how to test using them. The screenshots and registration process description in this document come from the ACS-PCI registry, but the functionality and processes described are mainly the same for all the EuroHeart registries.

About the EuroHeart demo registries

Use the demo registries to get a better understanding of how the EuroHeart Quality Registry platform works.

There are currently four registries available in the EuroHeart demo environment: ACS-PCI, AF, HF and TAVI.

The demo registries are preset with registration data entered by the EuroHeart Data Science Group.

Every night (at about 2 am CET), the registries' databases are emptied and reset. That means that everything you enter will be deleted during the night. Only the preset data will still be in the registries the next day.

Also, note that a demo registry can be used by several people at the same time, and you could see data entered by other people using the same demo user as you.

Use the EuroHeart demo registries

Login

1. In web browser Google Chrome or Microsoft Edge, go to the registry of your choice:

ACS-PCI:	https://utbildning.ucr.uu.se/euroheart/
AF:	https://utbildning.ucr.uu.se/euroheartaf
HF:	https://utbildning.ucr.uu.se/eurohearthf/
TAVI:	https://utbildning.ucr.uu.se/eurohearttavi

2. Login with
username: doctorisin
password: doctorisin

Welcome page – choose healthcare unit

The user doctorisin (Registry User) has access to 3 wards in 2 different hospitals.

1. Click on Ward 1.

Result: The registrations overview page for Ward 1 is shown.

Registrations overview page with key figures

This page shows a list of Ward 1's current registration work and a panel presenting the key figures for Ward 1.

Completed registration processes that can be followed up are shown on the “To be followed up” tab.

Navigation

Click on a patient name or Personal ID to open the Patient page

or

click on a registration type or symbol to open one of the Registration forms

or

start a new registration.

Start a new registration

Search for a patient

1. Go to the ‘search patient field’ in the upper right corner.
2. Enter one of the personal ID numbers listed in Appendix A: Patients below (for example 191212121212) and then press enter, or click on the magnifying glass icon.

Result: The patient page is shown.

Patient page in ACS-PCI

The screenshot shows the patient page for Tolvan Tolvsson (ID: 191212121212, Male, 112 years). The page has a navigation bar with 'Overview', 'Results', and 'Documentation'. Below the patient information, there is a 'Continue to register' section with a progress bar showing steps: Demographics and ..., Admission, In-hospital care, PCI, Discharge, and Follow-up. The 'Demographics and ...' step is currently active. Below this, there is a 'Register new care process' section with a dropdown menu to 'Choose the step to start with' and a 'Start registering' button. At the bottom, there is a 'Previously registered' section with a progress bar showing steps: Demographics and ..., Admission, In-hospital care, PCI, Discharge, and Follow-up. The 'Demographics and ...' step is active, and the 'PCI' step is marked with a green checkmark and the date 2025-09-29.

Continue to register

If your patient has an ongoing registration process, you can click any process step to open it.

Register a new care process

Start a completely new registration by selecting a step to start with and then clicking **Start registering**.

Previously registered/Signed

If your patient has a completed registration process, you can click a process step to open it.

Status symbols in a registration care process

Registrations may have the following statuses in a care process registry like ACS-PCI, AF and TAVI:

01. My unit

					
Not started	Ongoing	Ongoing, multiple steps	Signed	Can't be started	Not applicable

02. Other unit - same health care provider

		
Ongoing	Ongoing, multiple steps	Signed

03. Other unit at other health care provider

		
Ongoing	Ongoing, multiple steps	Signed

Ward 1 >

DEMO

YYYYMMDD-NNNN

RU

Overview

Results

Documentation

Tolvan Tolvsson

191212121212 Male 112 years >

Demographics...

Admission

In-hospital care

PCI

Discharge

Follow-up

Save

Sign

Changed 2025-01-17

Print

Delete

Content

Demographics

Comorbidities

Back to top

Demographics

Postal code ⓘ

18574

Height (cm) ⓘ

187

☐ Unknown

Weight (kg) ⓘ

87

☐ Unknown

Smoking ⓘ

Never smoked

Former smoker

Current smoker

Unknown

Comorbidities


Hypertension ⓘ

No

Yes

Unknown

- ## i-symbols

Prior coronary artery bypass grafting 

☐ No ☒ Yes ☐ Unknown

Enter whether the patient is known to have had a coronary artery bypass grafting (CABG) performed prior to this care encounter.

Coronary artery bypass graft surgery is a procedure that involves sternotomy to bypass diseased segment(s) of the coronary tree using blood vessels derived other parts of the body and connected to the aorta.

Complete a process in EuroHeart ACS-PCI

On the patient page, you can complete a registration process when any of the following conditions are met:

- The forms **Demographics and Comorbidities** and **PCI** are signed
- The forms **Demographics and Comorbidities**, **Admission**, **In-hospital care** and **Discharge** are signed

If all forms (Demographics and Comorbidities, Admission, In-hospital care, PCI and Discharge) are signed the process is automatically moved to **Previously registered**.

To complete a process

Click on the collapsed menu button to the far right and choose **Complete care process**. If the option is greyed out, the conditions listed above are not met.

To continue to work on a signed registration process

Click on the collapsed menu button to the far right and choose **Continue care process**.

or

Click the registration form you wish to change and unlock it when it opens.

Results



Click **Results** in the top navigation bar.

Select Quality: Trends and comparisons or Export to Excel and click **To the report**.

General about the results section

This demo registry comes with the two standard report sections included in the EuroHeart registry IT-platform; Quality: Trends and comparisons and Export to Excel.

During and after the implementation of the EuroHeart registry IT-platform national/regional integrations to other systems can be done for additional features and setting up additional reports per national/regional plans and strategies.

Quality: Trends and comparisons

The EuroHeart quality report shows the quality indicators specified by the EuroHeart Data science group for your healthcare unit (Ward 1). The report is set to automatically display the current year, choose 2021 to see a report based on more data.

The target levels for the quality indicators (“fully achieved goal” and “partially achieved goal”) are to be defined and set nationally/regionally according to locally established target levels.

Overview chart

Purpose: to provide a quick overview of the unit’s performance for all indicators.

For each indicator/overview chart, two target levels are displayed – “fully achieved goal” and “partially achieved goal”. Clicking on an overview chart takes you to more detailed information about that indicator.

General features of the detail panels

Each chart can be enlarged by pressing “view and save”. A dialog with the chart in a larger format opens in a dialog box. In the dialog opened by magnifying the image, the image can also be downloaded.

Export to Excel

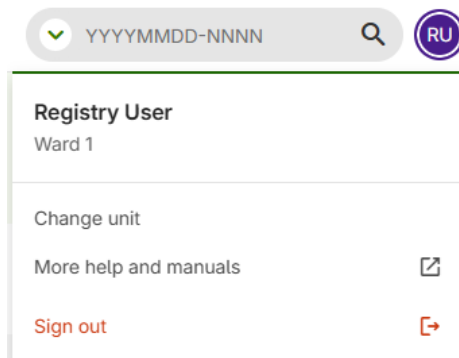
The Excel export is an Excel file that contains the registrations from a specific healthcare unit for a certain time period. The export can be generated for all healthcare units that a user has authorization for, and the user can choose the time period. The file can be downloaded, and users can continue to work on the data in the way that suits them.

Documentation

On the documentation tab you can select to view and/or download all the registration definitions, see Appendix C: Documentation: See all registration definitions.

Change healthcare unit

You can change the healthcare unit via the user menu in the top right part of the registry window.



Appendices

Appendix A: Patients

Fictive patients entered by the EuroHeart Data Science Group (ID numbers and names are not real):

Personal ID no.	Sex	Date of birth	First name	Last name	npr
191212121212	Male	12/12/1912	Tolvan	Tolvsson	npr123456789059
192001050455	Male	05/01/1920	Karl	Persson	npr123456789046
192101069249	Female	06/01/1921	Ada	Persson	npr123456789045
193001016595	Female	01/01/1930	Kajsa	Svensson	npr123456789063
193501277697	Male	27/01/1935	Bengt	Johansson	npr123456789057
193801049267	Male	04/01/1938	Örjan	Larsson	npr123456789015
194001079120	Male	07/01/1940	Yngve	Frej	npr123456789064
194501103297	Female	10/01/1945	Hilda	Münchenhauser	npr123456789021
195001182046	Female	18/01/1950	Agda	Andersson	npr123456789012
195701292897	Male	29/01/1957	Jens	Friedmann	npr123456789022
196411283499	Male	28/11/1964	Test	Testsson	npr123456789060
196501133372	Male	13/01/1965	Mårten	Skogwall	npr123456789014
196512123339	Male	12/12/1965	Anders	Nilsson	npr123456789048
197503259280	Male	25/03/1975	Martin	Bengs	npr123456789026
197906189282	Male	18/06/1979	Calle	Larsson	npr123456789054
198101199282	Male	19/01/1981	Bertil	Modig	npr123456789030
198201179283	Male	17/01/1982	Gustav	Nilsson	npr123456789052

Appendix B: Technical info


Supported browsers

The registry is designed and tested for the following browsers:

- Latest version of Google Chrome
- Latest version of Microsoft Chromium Edge

Appendix C: Documentation: See all registration definitions

Click **Documentation** in the top navigation bar to view/download all the registration definitions in the registry.

EuroHeart ACS-PCI DEMO			
Overview Results Documentation			
Registration definitions			
Key	Version	Validity period	
PCI	1.0.0	2021-01-20 → 2021-10-09	▼ Show
PCI	2.0.0	2021-10-10 → 2023-08-08	▼ Show
PCI	3.0.0	2023-08-09 →	▼ Show
InHospitalCare	1.0.0	2021-01-20 →	▼ Show
Followup	1.0.0	2021-01-20 →	▼ Show
Discharge	1.0.0	2021-01-20 →	▼ Show
DemoAndComo	1.0.0	2021-01-20 → 2022-10-09	▼ Show
DemoAndComo	2.0.0	2022-10-10 →	▼ Show
Admission	1.0.0	2021-01-20 →	▼ Show
Download Excel file 			

Each form in the registry has a registration definition detailing all variables in the form and the rules for when they are shown and how to enter data. Click **Show** to see the variables and rules for one form version.

For example: in the image below, you can see the first registration definition for the ACS/PCI form **Demographics and comorbidities**:

Registration definitions						
Key	Version	Validity period				
DemoAndComo	1.0.0	2021-01-20 → 2022-10-09		^ Hide		
Variable Key	Definition	Required	Applicable	Type	ValueType	Rules
DC_POSTAL_CODE	The postal code for the patient's current residence	true	true	TextVar	String	[]
DC_HEIGHT	Patient's height in centimetres.	true	true	IntVar	Integer	[When [DC_HEIGHT smaller than '50' or DC_HEIGHT larger than '250'] then show error-message for [DC_HEIGHT]]

The variable Postal code (DC_POSTAL_CODE) is

- Required: true = must be entered
- Applicable: true = always shown in the form
- Type: TextVar & ValueType: Integer = can be entered as text and/or numbers

The variable Height (DC_HEIGHT) is

- Required: true = must be entered
- Applicable: true = always shown in the form

- Type: IntVar & ValueType: Integer = must be entered as a number without decimals
- Rules: An error message will be shown if you enter a height that is below 50 or above 250