

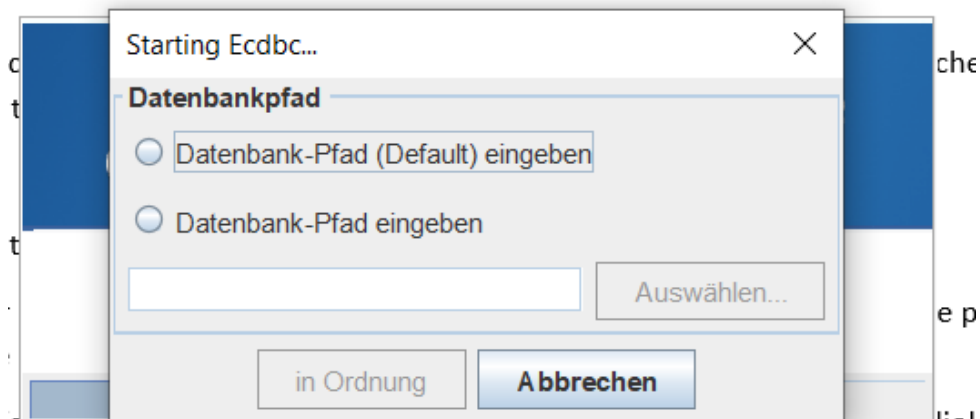
QUICK GUIDE TO DATA ENTRY & UPLOAD

AEPC part of the ECHSA Congenital database

25 November 2025

SET-UP


1. Allow windows to run the database. Antivirus programs like AVG may need to check the files, take your time, prepare a coffee...

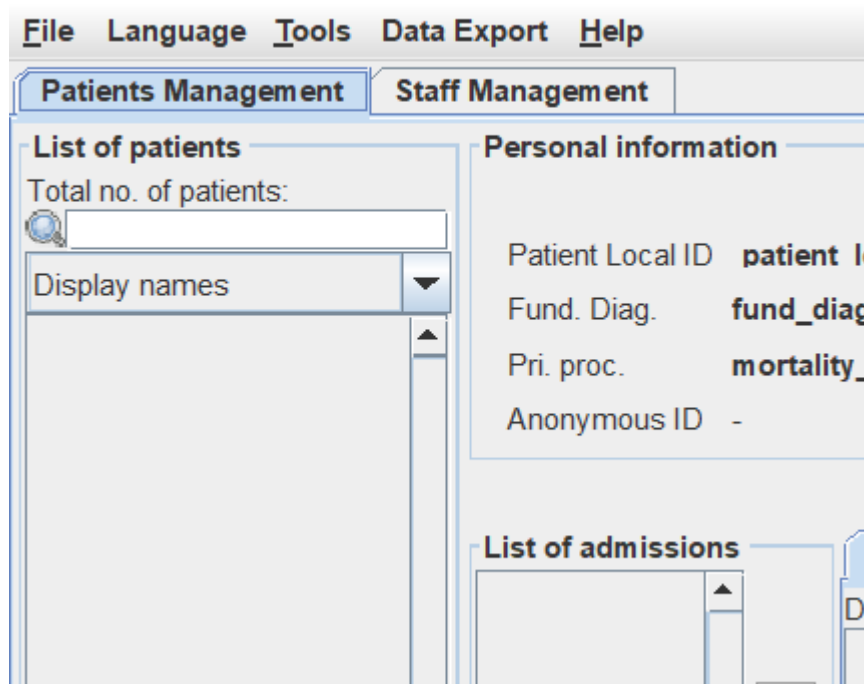


Erneut set preferences default operation type international cardiol
-dd or dd-mm-yyyy), and click the default under "confirmations".

2. Use the "default" settings. The database will launch.

- Put in a 3-letter hospital code in CAPITALS, (once the database is fully live, this will be provided by the team) and the details. Click "save" and close this window.
- Go to data-preferences: Set preferences: Default operation type: interventional cardiology. Date format (YYYY-mm-dd or dd-mm-yyyy) and click the default under "confirmations".

 ECHSA Congenital Database, Version 7.4.9



- Select your language.
- Under "help" you can find an online manual, but I thought to provide you with a very short introduction here.
- Go to "staff management". Add new person: Enter all interventionalists.

Add new person [Close]

Warning!
 The Staff code must not contain the initials!
 This would break the anonymity within the database!
 The codes should be: "A", "B", "C" and so on.

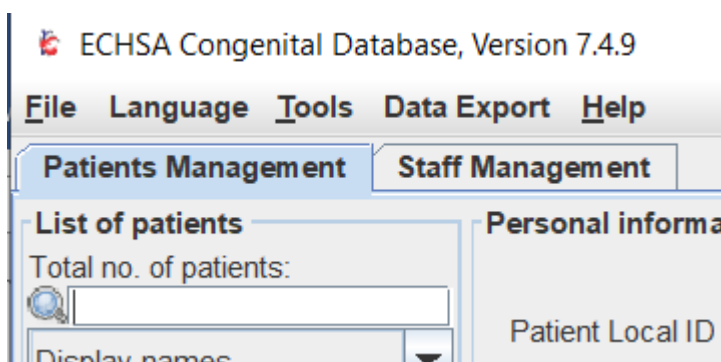
Staff code:

First name:

Last name (family name):

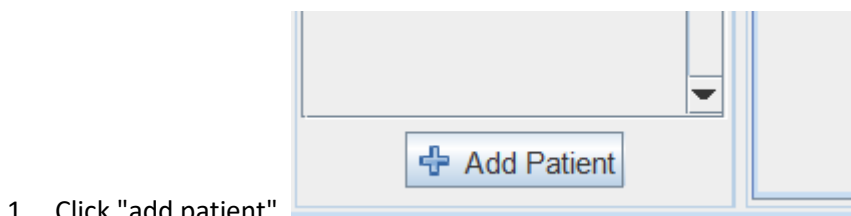
Primary role:

8. Go to patient management - and now it seriously begins...



DATA ENTRY

Please use the following order to enter patient data (reasons are explained on the run)



Enter First and second name, dob, hospital number, gender and the place of birth (the latter is important to identify patients even if they changed 2nd names, moved to another center etc.). This data will be transformed into a code which is later transferred to the server - no patient identifiable data will be transferred. Save data.

Add Patient ✕

First Name

Last Name

Patient Local ID

Gender ▼

Date of birth

Place of birth

Antenatal Diagnosis

Outcome assigned to

Gestational Age (weeks)

Date of Last Follow-Up

Last Follow-Up NYHA Classification

Post Rheumatic Heart Disease

Date of death

data version 2019

2. Add diagnosis using the "+" button. You can either search alphabetically or using one of the diagnosis groups and then the dropdown. It is important to add all diagnoses, as interventions are linked to the diagnosis. I.e. you are not able to enter closure of a duct if the diagnosis is ASD. These diagnosis groups are not completely logic (based on surgical grouping)- hence ignore and search the list, if you prefer. Add all diagnoses the child has (i.e. ASD and VSD and PDA).

Tessa Test

Female Birth 02-02-2014

Diagnosis group

Thoracic Arteries and Veins ▼

Diagnosis name


- Pulmonary AV fistula
- MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)
- Aortic aneurysm (including pseudoaneurysm)
- Aortic arch hypoplasia
- Aortic dissection
- Coarctation of aorta
- Interrupted aortic arch
- Interrupted aortic arch + AP window (aortopulmonary window)
- Interrupted aortic arch + VSD
- Patent ductus arteriosus**
- VSD + Aortic arch hypoplasia
- VSD + Coarctation of aorta


Description

Patent ductus arteriosus

Indicate if the patient has the diagnosis of "Patent ductus arteriosus". The ductus arteriosus (arterial duct) is an essential feature of fetal circulation, connecting the main pulmonary trunk with the descending aorta, distal to the origin of the left subclavian artery. In most patients it is on the left side. If a right aortic arch is present, it may be on the right or the left; very rarely it is bilateral. When luminal patency of the duct persists

data version: 2019

 Save data

 Quit without saving

3. Click on the "+" in the list of admissions field (no intervention can be carried out without an admission). Enter admission date.

Add admission [Close]

Tessa Test
Female Birth 02-02-2014

Date of admission:

Date of discharge:

Discharge Location:

Readmission Within 30 Days Detected

Readmission Reason:

4. Click "+" at the list of interventions.

List of interventions/catheterizations

[+]
[Magnifying Glass]
[-]

Selected intervention/catheterization

A new window opens. Fill in date of intervention (needs to be within the admission period).

Success yes or no → Success is defined as having achieved the goals set (in case of a diagnostic cath all data acquired as planned).

Treatment performed by opens a dropdown of the staff entered previously. Two operators are standard. Fill in demographic data.

Fill in fluoroscopy data (not mandatory, but important for later reports).

Click access sites.

Complications yes or no.

If you know the 30 and 90 days status, please fill in. (This can be done later and you will be reminded to fill in after this timeframe automatically when opening the database again).

Save data.

Tessa Test
Female Birth 02-02-2014

Interventional Cardiology

Interventional Cardiology **Yes**

Date of intervention 01-02-2021

Success **Yes**

The treatment performed by **Krasemann Thomas** **van Beynum Ingrid**

Weight (kg) 29 Fluoroscopy time (min) 34
Height (cm) 134 Radiation dosis (cGy*cm2) 354
Duration of procedure (skin in – skin out) (min) 72

Access sites arm artery femoral artery surgical
 arm vein femoral vein transhepatic
 carotid artery jugular vein transthoracic

Emergency procedure **No**

Complications related to

Status at 30 days

Status at 90 days

5. Click once on the intervention you just prepared. It will highlight.

List of interventions/catheterizations

01-02-2021

Selected intervention/catheterization

Details Procedures Complications

Intervention performed by **Krasemann Thomas, van Beynum Ingrid**

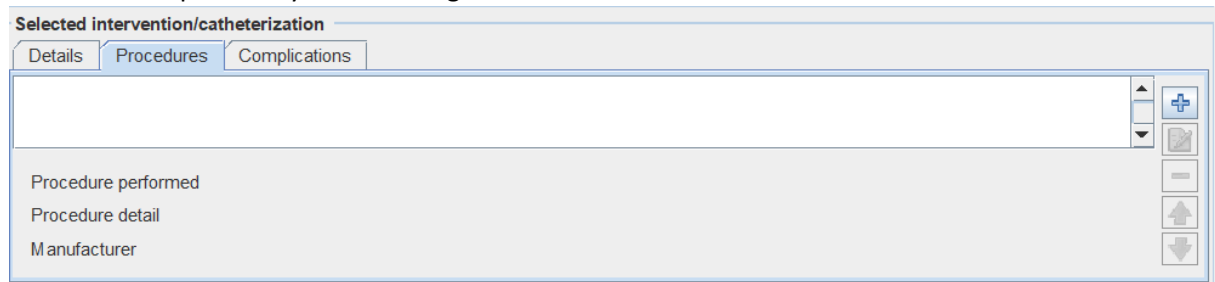
Date of intervention **01-02-2021**

Fluoroscopy time (min) **34** Radiation dosis **354**

Duration of procedure (min) **72** Emergency proc **No**

Now click on the register "procedures" and then on "+". Now you are able to add specific procedures

related to the previously entered diagnosis.

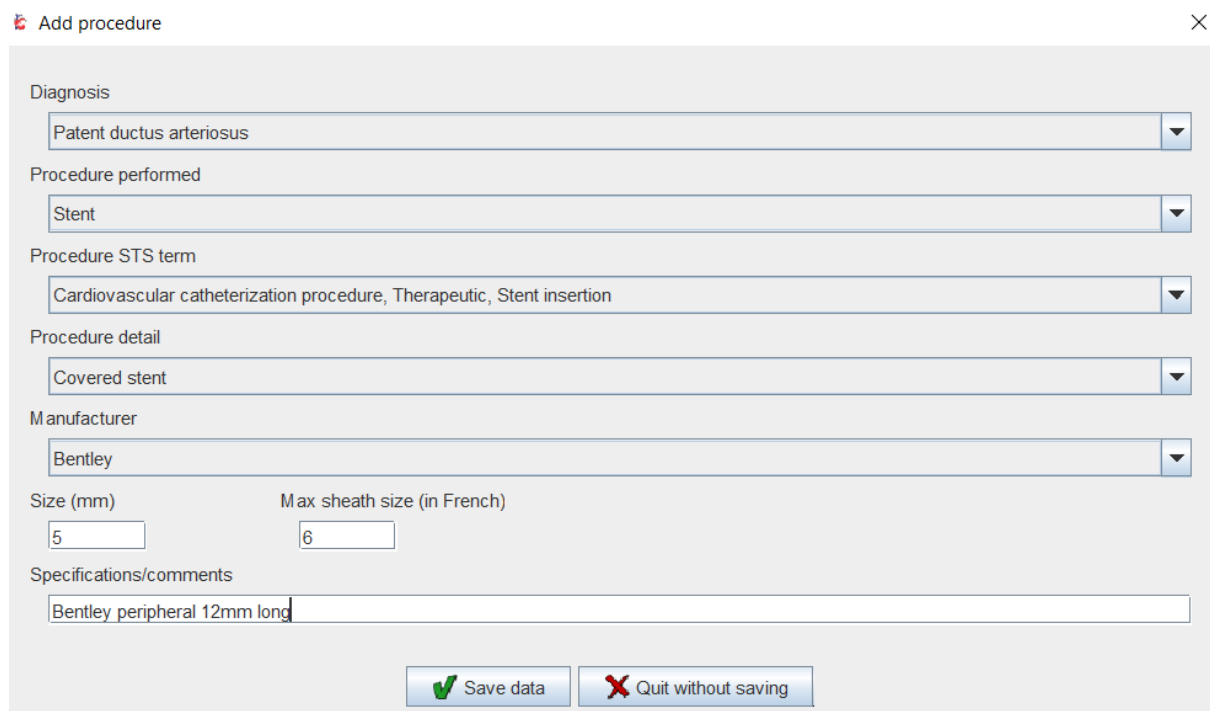


First choose the diagnosis from the dropdown. Then choose the intervention carried out. Please also choose the STS code - this is for comparison with other databases at a later stage. Not mandatory, but useful. There might not be an adequate STS code for every procedure - leave blank if uncertain.

Procedure detail allows to i.e. choose the device type. Manufacturer opens a dropdown of manufacturers.

Enter device size (would be diameter for a stent or device with a waist, otherwise as described by the manufacturer).

Device specification can either be the serial number or some specifics regarding position- this is free text.



Save data. The window closes.

Most of the above is not mandatory, but the more you put in, the more you might get out of it.

If you carried out more than one intervention (i.e. VSD closure and PDA closure) add another procedure by using the "+" and enter the data accordingly.

After you closed the window, you're back to the previous screen.


If you had complications, click on the register and use the "+" to enter.

Selected intervention/catheterization

Details Procedures **Complications**

+
-

There is a dropdown menu with complication groups. I recommend using it.

 Add complication



Tessa Test
Female Birth 02-02-2014

Filter: Interventional Cardiology ▼

Complication group

Arrhythmias ▼

Complication name

Arrhythmia, Atrial, Atrial fibrillation
Arrhythmia, Atrial, Atrial flutter
Arrhythmia, Atrial, Other
Arrhythmia, Heart block
Arrhythmia, Heart block, Acquired
Arrhythmia, Junctional
Arrhythmia, Pacemaker implantation
Arrhythmia, Ventricular



Description

Arrhythmia, Heart block

Treatment

No treatment required ▼

data version: 2019

 Save data Quit without saving

Go to "data export" and save the data on disk.

Data entry for this procedure is complete.

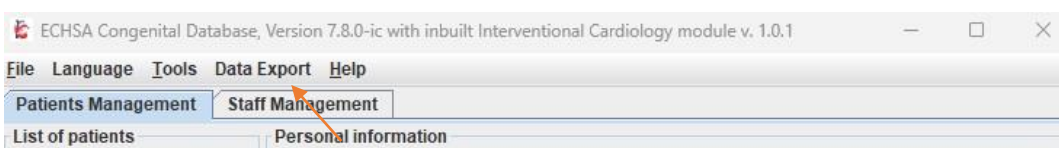
In case you have entered more than one diagnosis, or have done more than one intervention on the same entity (i.e. ballooning and stenting of a pulmonary artery), please add both procedures.

If a patient has more than one admission with interventions, please start again with adding the admission, then the intervention, then the procedure...

DATA UPLOAD TO THE AEPC PART OF THE ECHSA CONGENITAL DATABASE

Open the database

Choose "data export"

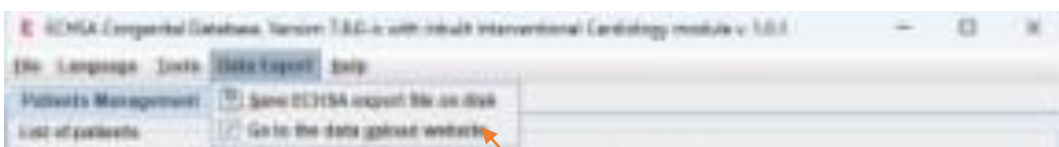


Click on "Save ECHSA export file on disk"



Save the file i.e. to your desktop or any other location. If necessary, check with your data protection officer if she/he is happy with the anonymization.

Click on "Data export" and choose "Go to the data upload website".



You will be directed to the website, and login is required.



DATA EXPORT UPLOAD

LOGIN REQUIRED

Please login using your hospital code, username and password, then choose "Data Upload" from menu.

Login with your hospital code, username and password.

Go to the data upload page;

Filter is off
» Show filter options

ECHSA CONGENITAL DATABASE

Choose from 10 languages

EUROPEAN CONGENITAL HEART SURGEONS ASSOCIATION



CONGENITAL DATABASE PARTNER
ASSOCIATION FOR EUROPEAN PAEDIATRIC AND CONGENITAL CARDIOLOGY

ABOUT ▾ REGISTERED CENTERS NEWSLETTER ▾ DATA VERIFICATION ▾ PUBLICATIONS DATA UPLOAD ONLINE REPORTS DOCUMENTATION ▾

Dear Members of the AEPC, dear colleagues, dear friends,

Filter is off
» Show filter options

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Choose from 10 languages

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DATA EXPORT UPLOAD

File: No file chosen

Choose the file you have saved earlier, and click on upload.

Filter is off
» Show filter options

ECHSA CONGENITAL DATABASE

Choose from 10 languages

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DATA EXPORT UPLOAD SUCCESS