

HVS Valve Research Network Meeting

11th of October 2024

EACTS

Aortic VRN

1. Intro

2. Database update

- Data Resource Profile – HVS AV Database being published in the JHVS.
- Growth of database
- Main reasons for referral - Regurgitation, ascending aorta,
- Repair 80.7%, Replacement 19.3%
- Follow up completeness: Total 63.85%, 1 year 82.54%, 2 year 78.37%
 - Follow up is calculated by clinical follow up
 - There was a lot of discussion on follow up

3. Organizational restructuring

- Telemedicine to Castor Jan 1, 2025
 - Contract verification/new accounts in castor
 - Creating handbook to help participants with the transition

4. Financial plan

5. Scientific update

- Update on ongoing research projects

6. AVIATOR Kids

- 7 centers confirmed participation
 - In the process of getting medical/ethical approval
- Centers can apply but keeping it small is the goal to ensure data is entered and complete
- Change name to Aortic VRN Kids to align with the other databases

Mitral VRN

7. Overview

- a. Introduction
 - i. Aligned with ICHOM
 - ii. Ambispective design
- b. Pilot Phase
 - i. Four medical students entered 150 patients' data into the database in Erasmus MC
 - ii. Castor can do batch uploads – 1200 patients uploaded 45% of obligated variables were uploaded. If centers wish to do a batch upload, the should

contact the database manager. Batch uploads are possible for local databases as we will (inter)national registries.

- iii. Follow-up data – sometimes patients are followed up in a different hospital – establish early contact with local hospitals
- iv. Creation of Castor EDC handbook, including lessons learned, quick start checklist and necessary preparation to do data entry
- v. Discussion on Mobile Applications and identification/consent for questionnaires
Should be specified in legal contracts and possibilities of Castor EDC further explored

8. Data Resource Profile – submit to the JHVS

9. Funding

10. Project-based inclusion

- a. Two project proposals approved – other centers can join
- b. Review of both projects