

Registry Meeting Minutes

Friday 19 October 2018, 12.45 to 14.00, EACTS Milan

Agenda

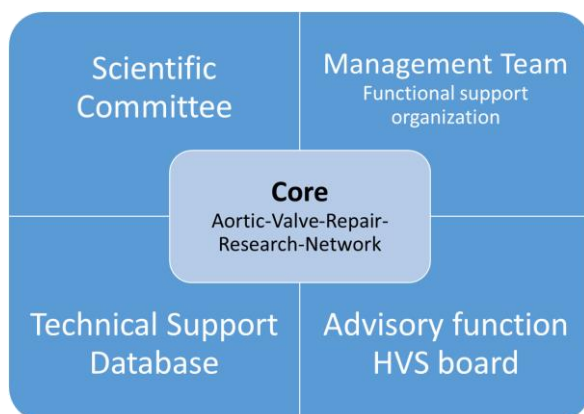
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1. Members present

Emmanuel Lansac, Hanneke Takkenberg, Frederiek de Heer, Sarah Pousset, Adrian Kolesar, Tomas Toporcer, Jaroslav Hlubocky, Michel Vriesendorp, Bardia Arabkhani, Joachim Schäfers, Irene Kaliova, Peter Verbrugge, Maciej Matuszewski, Marco Larobina, Bart Meuris, Thierry Bourguignon, Jolanda Kluin, Thomas Van Brakel, Robert Klautz, Laurent de Kerchove, Marek Jasinski, Francesco Patane, Chandrasekar Padmanabhan, Igor Rudez, Jan Vojacek.

2. Renewal of the governance

AVIATOR initiative started in 2012 with a key-group. The last years a database was build and centers were recruited. With its expansion we enter a new phase and we need to re-structure the Aviator network with bylaws defining the governance with the separate entities.



Leadership of the Aviator valve repair research network (Core)

The former leaders – Hanneke Takkenberg and Emmanuel Lansac – will step down.

Discussion took place on the proposed new structure of AVIATOR, the rotation periods, and how to democratically choose the new core leaders. Three candidates volunteered:

- Jolanda Kluin, cardiac surgeon at the Amsterdam University Medical Centers, the Netherlands
- Ismail El Hamamsy, cardiac surgeon at the Montreal Heart Center, Canada
- Philippe Pibarot, professor at the Department of Medicine, Laval University, Canada

After a thorough discussion they were elected with absolute majority as new core leaders.

Scientific committee

The scientific committee consist of 6 members:

- 2 cardiologists, 2 surgeons, 2 scientist/epidemiologist/data managers. Preferable a balance between EU, USA, ROW, and a balance between men and women.
- Members out: Emmanuel Lansac Jochen Schäfers, Guillaume Jondeau, Maurice Enriquez-Sarano.
- Remaining member: Laurent de Kerchove
- Possible continuation for a transition period: Hanneke Takkenberg and Frederiek de Heer

We need at least 3 new members for the scientific committee, suggestions:

- Maciej Matuszewski (surgeon, UK) and Peter Verbrugghe (surgeon, Belgium) volunteered to serve in the SC.
- The new core leaders will send an E-mail to the AVIATOR group and will ask who is willing to join the Scientific Committee. Once a list of volunteers is ready, we can electronic vote for the new SC members.

Management Team

The MT will functional support the organization and has no power of decision. Members of the MT will be: Hanneke Takkenberg, Emmanuel Lansac and Frederiek de Heer.

It was agreed upon that the new core leaders will finalize bylaws defining the governance with the separate entities and send it out to all members.

3. AVIATOR adult surgical database update by Frederiek de Heer

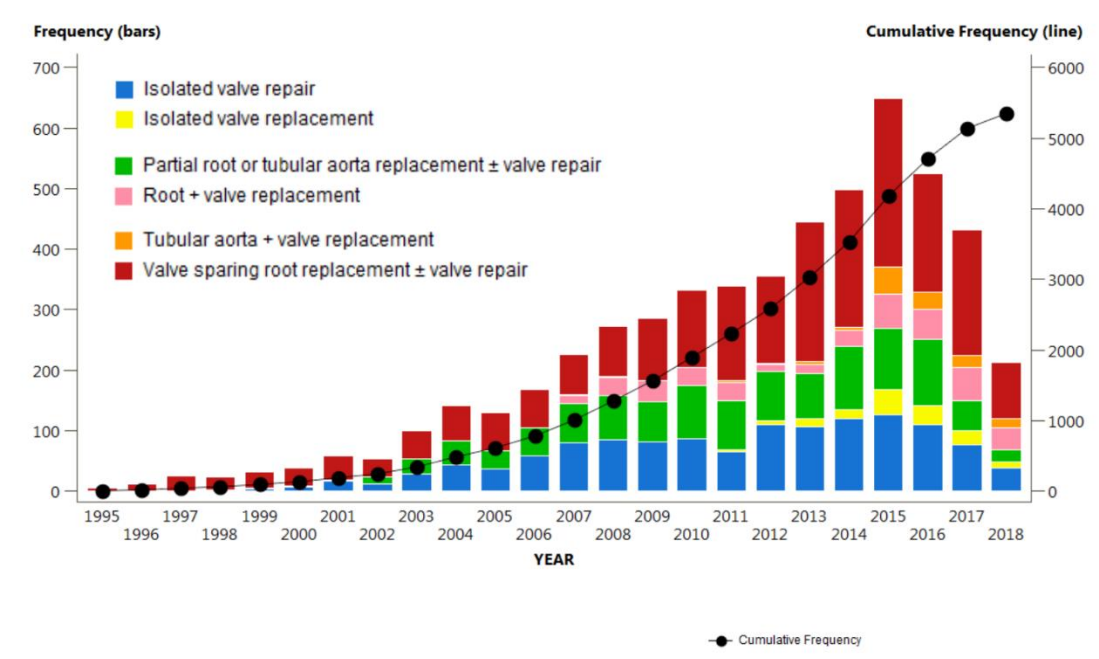
- The first collective paper just got accepted for JTCVS written by Frederiek de Heer describing the aviator initiative, its set-up and the organization as well as a descriptive analysis of the cohort.

Follow this link for the pdf version of the AVIATOR manuscript:

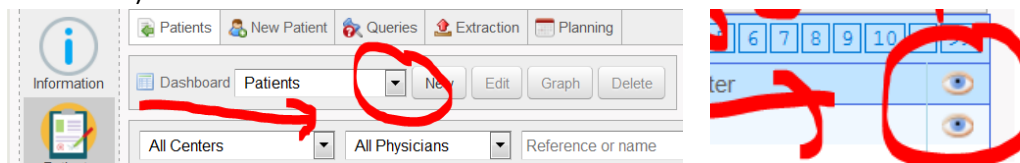
[https://www.jtcvs.org/article/S0022-5223\(18\)32849-6/pdf](https://www.jtcvs.org/article/S0022-5223(18)32849-6/pdf)

Or see the pdf attached to the mailing.

- 58 centers, 5677 patients enrolled which is a great achievement. Main issue is the follow up completeness and every center pay great attention to obtain complete follow-up data. We need also to enroll more patients with valve replacement to have a more representative population (currently, we have 87% of Av repair in the Aviator database).



- Summary on patient level is available online. See the little eye marks at the right side of the patient list (currently in the patient dashboard, but will be also available in the AVIATOR dashboard)



- In progress: making the online data-extraction easier. Currently you can choose between extraction of 1 file or 5 files. Both are not ideal. We are currently working on the extraction of several sub datasets with information combined that is used often together and move not often used variables to other subsets.
- Coming years: focus on data quality and follow-up completeness. Furthermore, the AVIATOR variables will be evaluated: which variables are not used and are often incomplete and which ones are missing (e.g. pump time)? This will be investigated by a separate working group.

4. Scientific proposals

Former proposals (discussed at HVS 2017 in Monaco and at EACTS 2017 in Vienna):

- Aortic valve repair using external aortic ring annuloplasty: a multicentric analysis of outcomes (Emmanuel Lansac, IMM).
-> due to data incompleteness decided to wait with data extraction.
- The Role of Aortic Root Remodeling with Annuloplasty for the Management of Patients with Connective Tissue Disorders (Vincent Chauvette, Montreal).
-> data received, results presented at AV repair summit, Paris 2018. Manuscript in progress.

3. Annular Stabilization in Aortic Root Remodeling – Comparison Between External Aortic Ring Annuloplasty and PTFE Suture Annuloplasty (Jochen Schäfers, Homburg).
-> data received, due to data incompleteness decided not go further with the analysis.
4. Determinants of conversion to aortic valve replacement in patients selected for valve repair (Frederiek de Heer, Amsterdam).
-> due to data incompleteness decided to wait with data extraction -> new investigation of data completeness will be done.
5. Early and mid-term clinical and echocardiography outcomes in patients undergoing aortic valve repair / replacement for isolated aortic regurgitation from AVIATOR database (Maciej Matuszewski, Wolverhampton).
-> due to data incompleteness decided to wait with data extraction -> new investigation of data completeness will be done.

New proposal is presented:

“Valve related outcome after aortic valve and/or root repair and valve replacement: short term follow-up on the AVIATOR registry.”

The coordinating investigator Bardia Arabkhani (LUMC, Netherlands) is giving a short presentation of the purpose of the proposal. Decided is to investigate the completeness of the data and based on the report the investigators can decide if they want to proceed with extraction and analysis.

Proposed suggestions how to improve the completeness of the data.

- We could reduce the number of variables in order to make it more efficient, but with the risk of losing data of interest.
- We can verify the data, but in order to do so we will need more source of financing.

5. Valve Research Network on AV replacement of non-elderly patients

Initiators: Dr Thierry Bourguignon and Bart Meuris.

Proposed project: building a patient-centered registry, by creating a database about long term evaluation of prosthetic aortic valve replacement. This project inspired by AVIATOR will be constructed separately from AVIATOR, however it can be created in cooperation, using the same platform. A dedicated meeting for this VRN took place later during the day on this topic.

6. Other announcements

