

AVIATOR Meeting Minutes

April 2018, HVS New York

- 1) General meeting – Friday 13th of April 2018 from 7AM to 8AM.

Members present: Vincent Chauvette, Bouchot Olivier, Schnichiro Takanashi, Bill Northrup, Johanna Takkenberg, David Kalfa, Pettinari Mateo, Ye Kong, Matthew Crystal, Giovanni Ferrari, Didem Oguz, Frederiek de Heer, Philippe Pibarot, Joe Bavaria, Emmanuel Lansac, Sarah Pousset.

- 2) Aviator data base update, April 2018 (summary report by Frederiek de Heer)

The number of inclusion is growing and thank to all members of aviator with now 5234 patients enrolled (90% valve repairs and 10 % replacement) with a very low operative mortality of 0.9% which is very encouraging and already a great achievement of the base

- 3) Research proposals on the AVIATOR database.

1 paper in review process (F Heer, presentation of aviator base project and operative analysis), 4 current projects:

- “The Role of Aortic Root Remodeling with Annuloplasty for the Management of Patients with Connective Tissue Disorders”, *Ismail El-Hamamsy*
- “Annular Stabilization in Aortic Root Remodeling – Comparison Between External Aortic Ring Annuloplasty and PTFE Suture Annuloplasty”, *Jochen Schäfers*
- “Determinants of conversion to aortic valve replacement in patients selected for valve repair”, *Jolanda Kluin*
- “Early and mid-term clinical and echocardiography outcomes in patients undergoing aortic valve repair / replacement for isolated aortic regurgitation from AVIATOR database”, *Maciej Matuszewski & Patrick Yiu*

Early and mid-term clinical and echocardiography outcomes in patients undergoing aortic valve repair / replacement for isolated aortic regurgitation from AVIATOR database Ismael El Hamamsy project presented by Vincent Chauvette and Jochen Schafers who was not able to attend send comments by mail:

- Main problem is the completeness of the data and the 30 to 50 % follow up missing, with too many items and an unfriendly data extraction
- Request is to reduce the number of items and have some important one mandatory
- Request is to Improve data extraction set (Hanneke Takkenberg and Frederiek Heer in charge)
- Challenge for all participants is to improve the FU of the patients.

With Ross procedure in the database, we need to adapt the inclusion criteria and add stenosis as well as all other prosthesis.

4) New centers for participation

Dr Takanashi express that with Dr Kuniyama they are willing to include all patients from 10 centers in Japan in Aviator. Help for inclusion will be done by Sarah and Frederiek.

Dr Ye Kong from CHINA wants to join aviator and make the link with the new Chinese heart valve society.

5) Financial Issue

\$50 000 received from and Edward educational grand for 2018

100 000 € funding with a patient association ADETEC will be allowed for 2018 to develop aviator medical and kids

Other big grants in search (NIH) for long lasting

6) Pediatric side:

Pediatric and congenital disease database.

In Columbia (Dr Kalfa) there are already a “pediatric mitral valve database” and a “pediatric tricuspid valve database”. They have the structure but need to make them more uniform. It could be the starting point of the aviator kids database (Dr Jolanda Kluin and Dr David Kalfa in charge). Elaboration of the data set should involve patients association as well as industry

7) Aviator medical :

Philippe Pibarot will coordinate the aviator medical part. Document need to circulate among all members. Elaboration of the data set should involve patients association as well as industry.

8) ICHOM standards (International Consortium for Health Outcomes Measurement www.ichom.org)

ICHOM's mission is to unlock the potential of value-based health care by defining global Standard Sets of outcome measures that really matter to patients for the most relevant medical conditions and by driving adoption and reporting of these measures worldwide”.

General discussion on the need to create HVD Ichom standard was based on the attach document (approved by the HVS board meeting on April 11 2018) and the importance to involve in the process of aviator data base extension (aviator medical and kids) the patients association:

- Adetec (E Lansac)
- European patients association (Hanneke Takkenberg)
- Marfan foundation US (Joe Bavaria)
- Pediatric association (David Kalfa).