


Tricuspid Valve

Pre  |  Post CPB



 **ME4C 2D Zm TV**


 CFD TV

 \downarrow CWD TV



 **Mervio 2D TV**


 CFD TV

 \downarrow CWD TV



 **MEBCmodTV 2D TV**

 CFD TV

 \downarrow CWD TV



 **IVC Lax CFD Hep. V.**

 ∇ PWD Hep. Vein









 **TGBSax 2D TV**

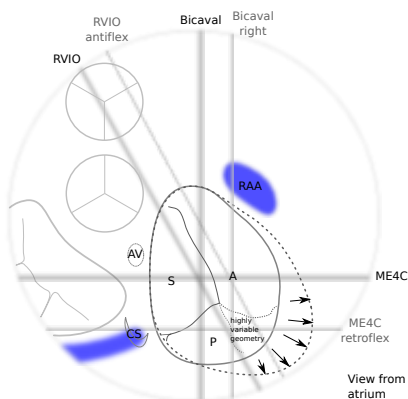
 CFD TV



 **TGRVI 2D TV**

 CFD TV

-  TV annulus (0°)
-  **TR vena contracta**
-  ΔP_{mean}
-  RV function (at least one)
 -  RV FAC
 - \leftrightarrow TAPSE
 - \lll RV GL Strain
 - \lll RV FW Strain
-  RVSP (\downarrow CW)



Pre-surgical assessment

1. Confirm **diagnosis & severity**
2. Identify **mechanism & viability of repair** (if planned)
3. **RV morphology & function:** FAC / TAPSE / RV strain
4. **Pulmonary hypertension?**

Post-surgical assessment

1. **Mean gradient**
2. Residual **TR**, paravalvular or central **leak?**
3. New **SWMA** suggesting coronary (**RCA**) injury?
4. **RV function:** At least one of FAC / TAPSE / RV strain
5. Bicaval **cannulation site** injury?