## Morphology and Functional Characteristics of the Left Atrial Appendage

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## **Left Atrial Appendage**

1.What are known?

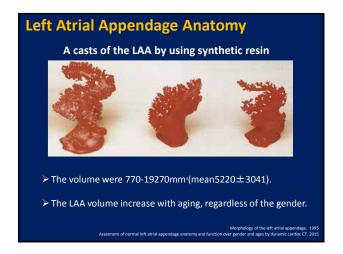
2.Our Missions

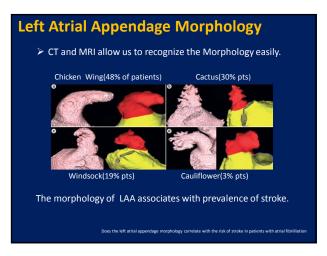
### Left Atrial Appendage (LAA): What are known?

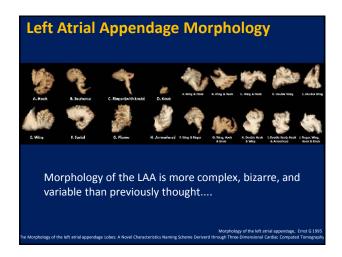
- Anatomy
- Embryology
- Function

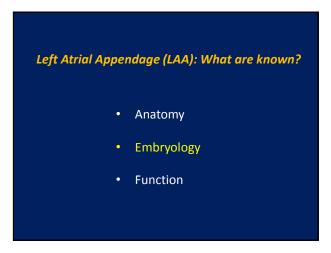
## B Left Atrial Appendage Anatomy Left superior pulmonary artery Warfarin ridge Mitral valve left phrenic nerve left circumflex artery

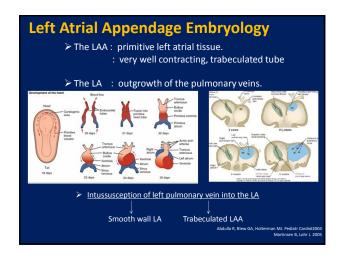
# Left Atrial Appendage Anatomy (B) LSPV BULLEY LSPV Sup Post 1-Ant CS Sup Fost 1-Ant CS CR Anatomy, a short axis 5.2-19.5mm (5.7% round shape) Changes of ostium diameter: 1-2mm in sinus rhythm, no change during AF A. Matale, Ed., In Tech Open Access Publishing, Vienna, Austria, 2012

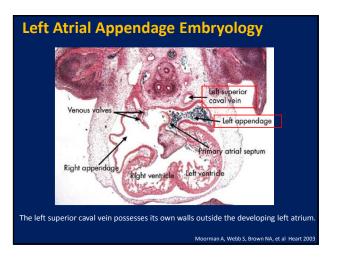


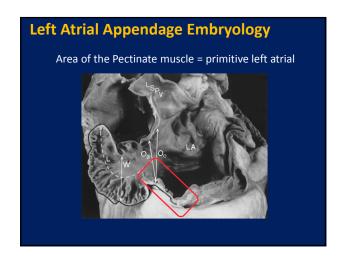




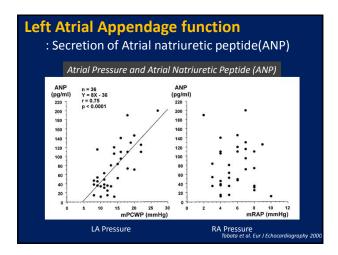


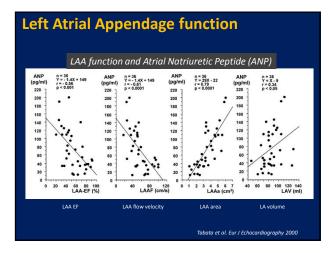


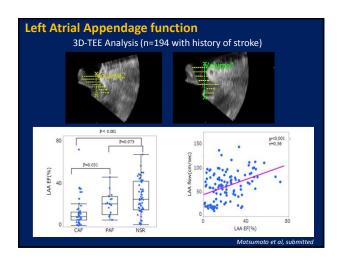


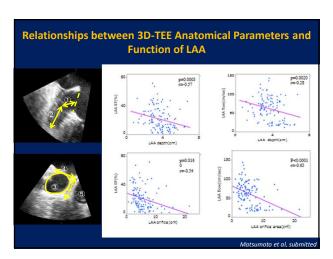




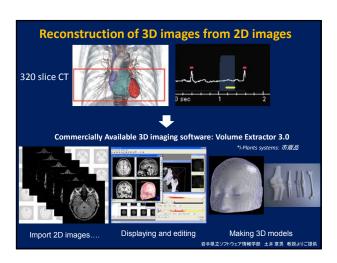


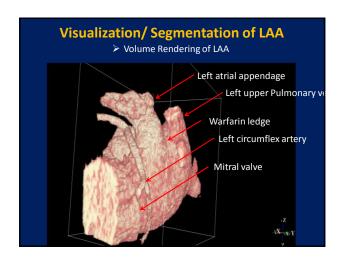


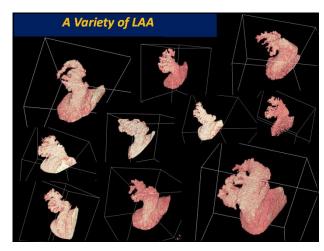


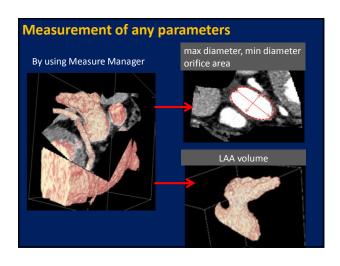


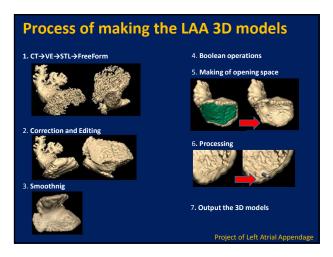










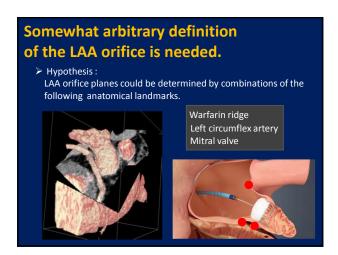


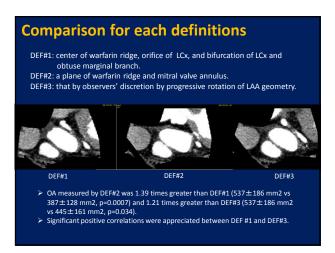


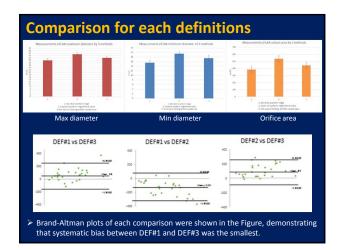












# Precise measurement is needed. There is the possibility that we have the individual definition of the LAA orifice. Progressive rotation of 3D-CT imaging makes it easy to think the protocols of procedure for each individuals.



