Case Studies

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THIS IS MODERN MEDICINE

Affects 4.5 million individuals in the EU

• expected 2-3-fold increase by 2050

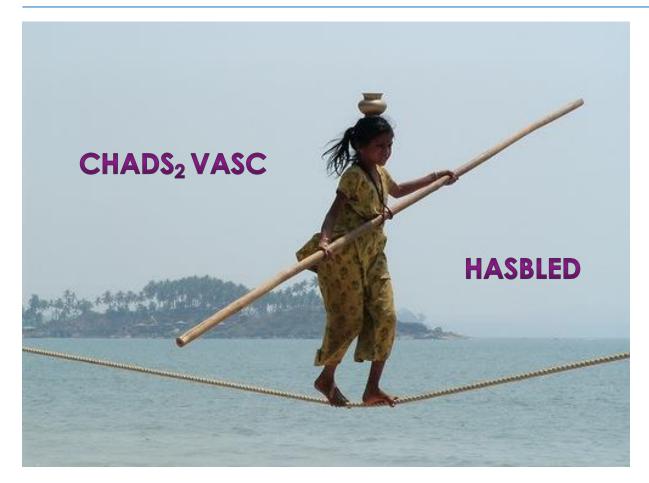
Associated with a 5-fold increase in the risk of ischemic stroke Risk of stroke in AF patients is ~ 3-5% per year

OACs are <u>not</u> currently prescribed in up to 40% of AF patients at high risk for stroke.

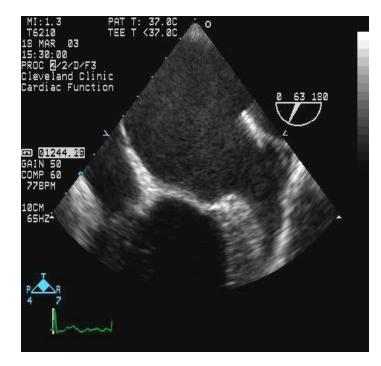


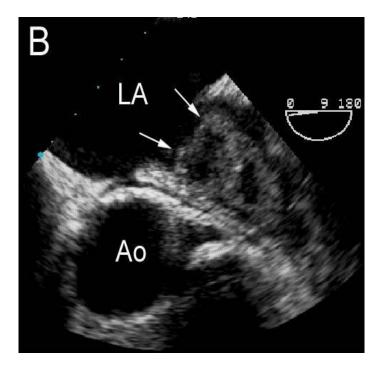


Preventing Stroke – Avoiding Bleeds



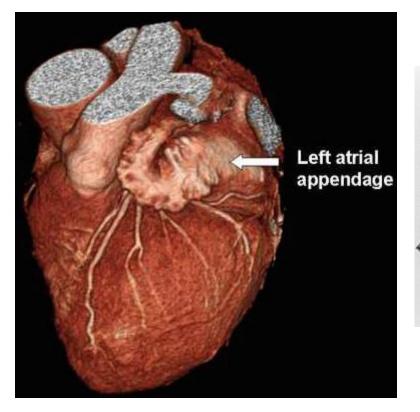


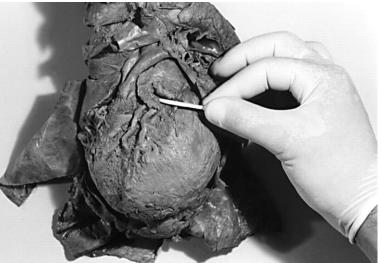




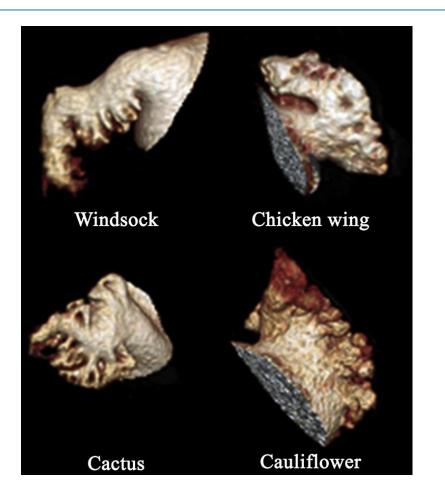


Left Atrial Appendage



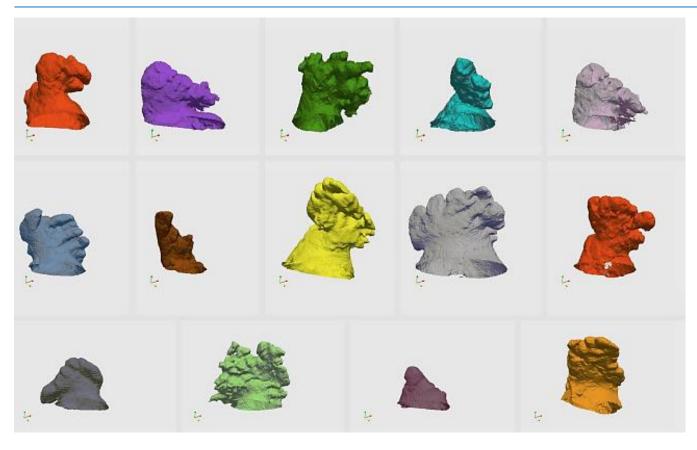








Left Atrial Appendage Anatomies

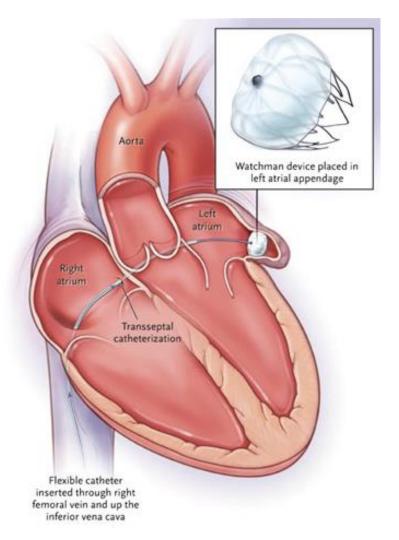




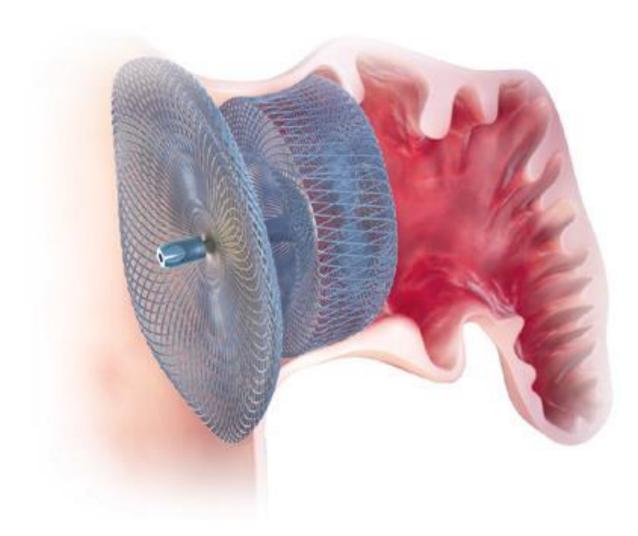
Left Atrial Appendage









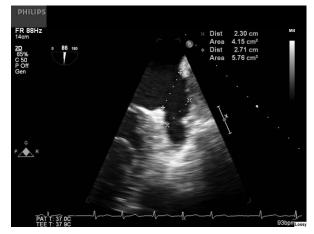




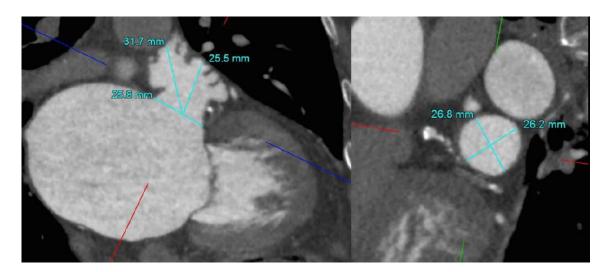
- 74 y.o Female, history of Atrial Fibrillation
- Hypertension, TIA
- Recurrent GI bleed on NOAC requiring blood transfusion
- CHADSVASC 5, HASBLED 2



TOE vs CT Sizing

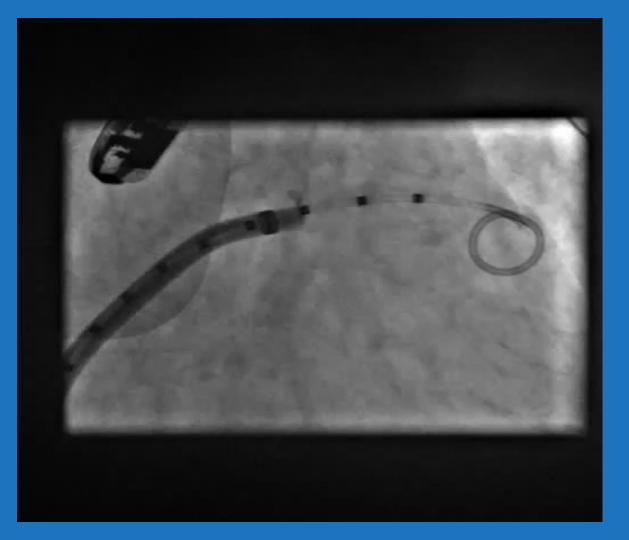








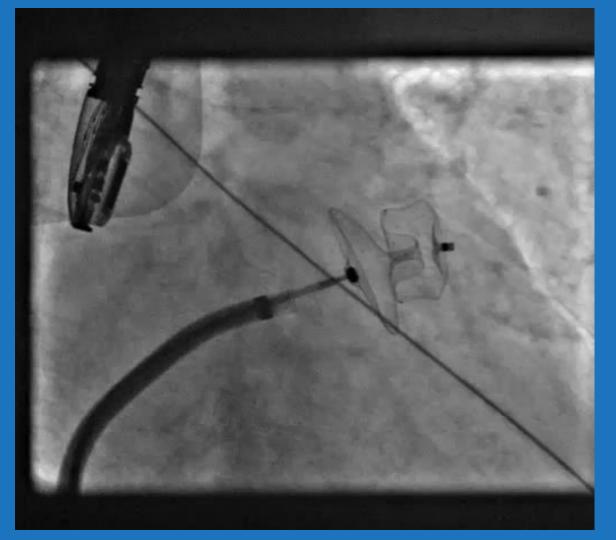
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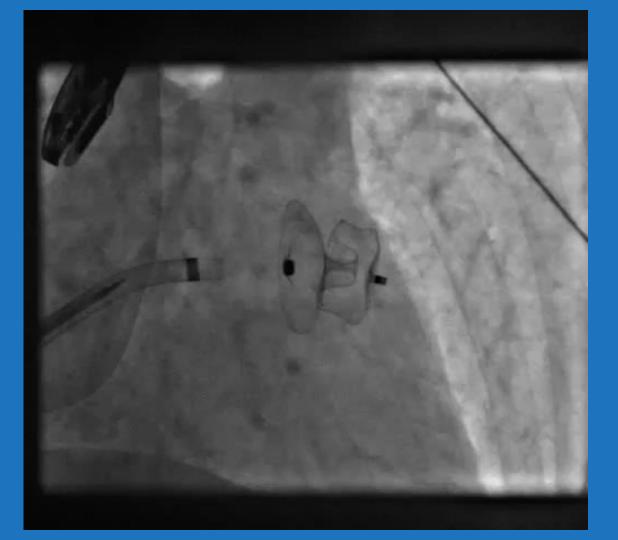




















Case 4

- Off anticoagulation.
- On ASA only
- 12 month follow-up: No further bleeding
- Reduced risk of CVA/TIA and Bleeding



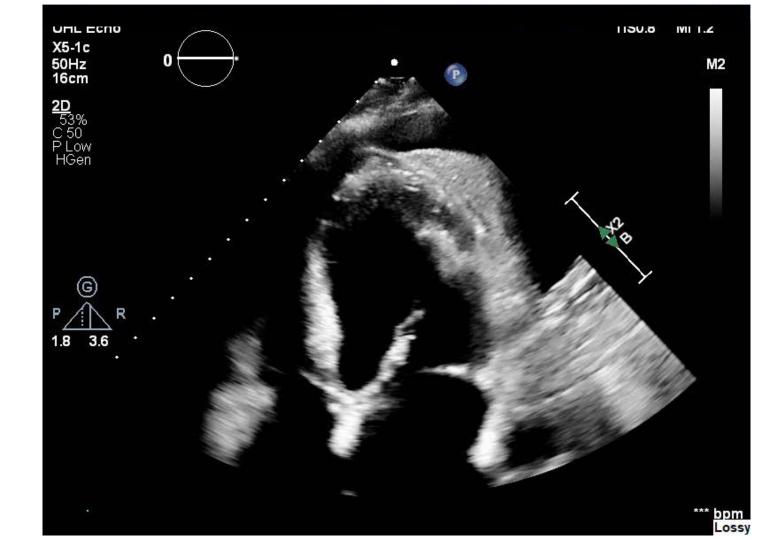
Case 5

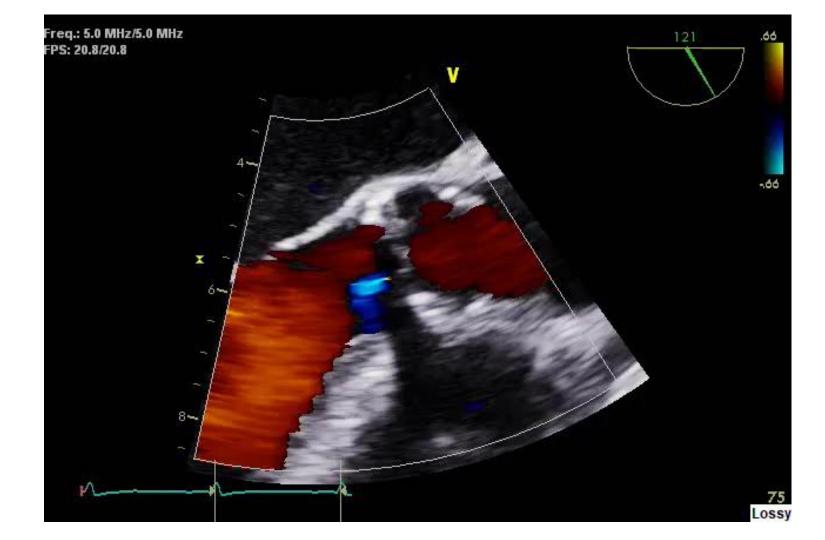
- 75 y.o Lady
- Severe symptomatic Aortic stenosis, Severe LV Dysfunction EF 15-20%
- NYHA III IV, Refractory Heart Failure
 - Dependant on IV Frusemide infusion
 - Ionotorpes
- COPD (active Smoker) , Carotid Artery disease, Rheumatoid Arthritis Mild Coronary Artery disease, low BMI

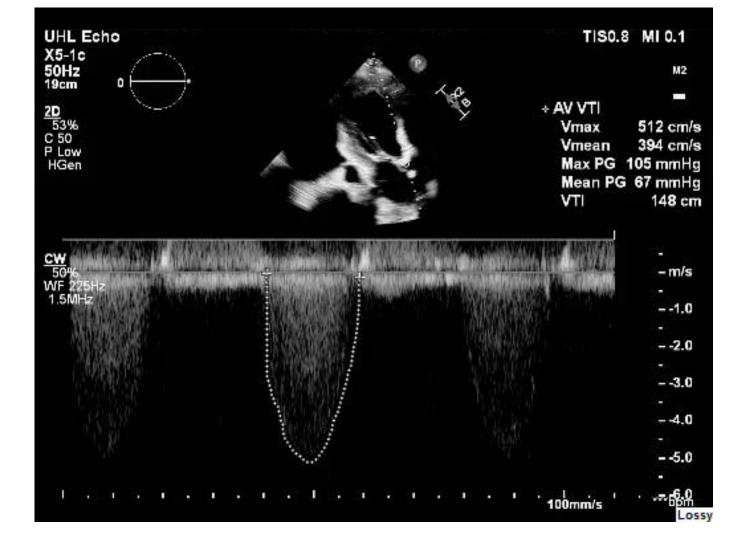
- EF 10-15%, PG/MG 105/67, AVA 0.2
- High surgical risk











Signs & Symptoms of Severe Aortic Stenosis

Signs	Symptoms
• Dyspnea	ESM Aortic Area
Chest Pain	Absent or soft S2
• Syncope	Slow rise Pulse

➢ Refer for Echo



Thank you

