

SONOGRAPHER CLINIC

Frequency of visits and alerts

AORTIC STENOSIS

V max > 4.0 m/s or EOA < 1.0 cm ²	every 6 months (exercise test annually)
V max 3.0 – 4.0 or EOA 1.0-1.5 cm ²	every year (exercise test at first visit & when becomes severe)
V max 2.5 – 3.0	every 2 years

Echocardiographic alerts

- Any reduction in LV ejection fraction
- EOA \leq 0.6 cm²
- V_{max} > 5.0 m/s
- Rapid progression of V_{max} > 0.3 m/s per year
- New diastolic dysfunction (pseudonormal or restrictive)
- Aortic root dilated to 4.5 cm if bicuspid otherwise to 5.5 cm

Other alerts

- Spontaneous symptoms
- Patient request
- Suggestion of endocarditis