

Echocardiography Guided TAVR (Echo TAVR)

NCT07030062

Status RECRUITING
Sponsor Pan Xiangbin
Enrollment 20 participants

Key Eligibility Criteria

Inclusion (3)

- symptomatic severe AS determined by echocardiography and Doppler that requiring aortic valve replacement, which is defined as: mean gradient ≥ 40 mmHg, peak aortic velocity ≥ 4 m/s, and aortic valve area (AVA) ≥ 1 cm² (or an indexed AVA ≥ 0.6 cm²/m²);
- a history of malignancy or a high familial risk of cancer, with refusal to undergo contrast- or radiation-guided procedures;
- chronic kidney disease and refuse to receive contrast agents or radiation exposure.

Exclusion (1)

- Required hybrid procedures or concomitant interventions on other cardiac malformations; Deemed inoperable due to extremely high surgical risk or severe comorbidities; Had untreated clinically significant coronary vascular disease amenable to revascularization; Previously undergone aortic valve replacement.

Locations (1 total)

Fuwai Hospital, Beijing, China