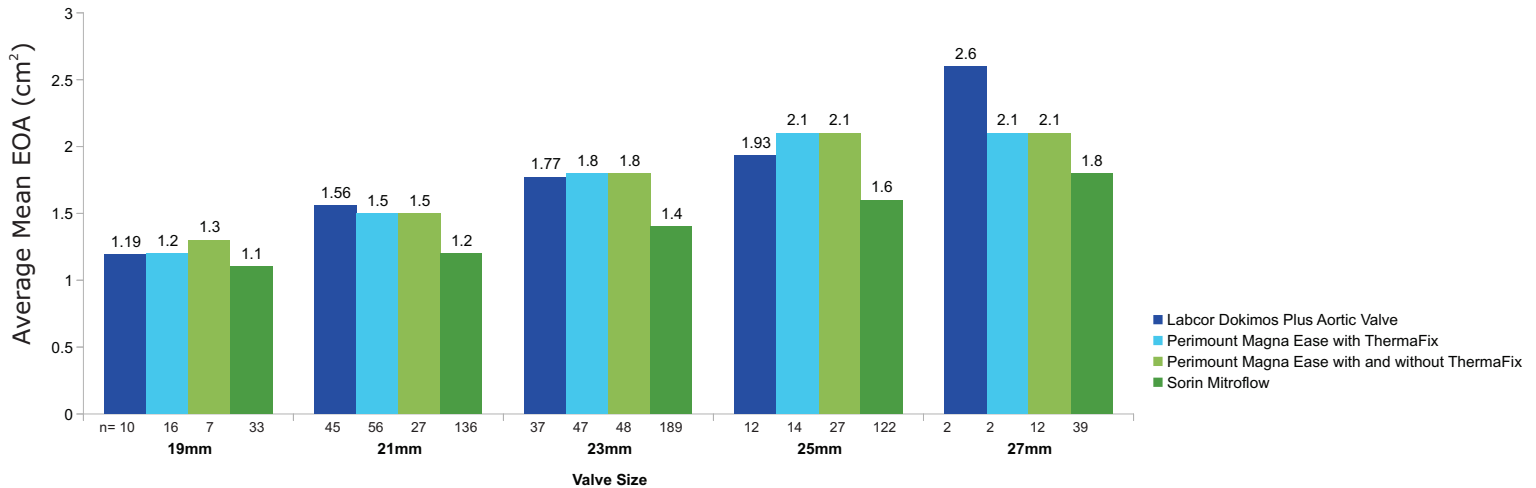


Comparative Hemodynamics

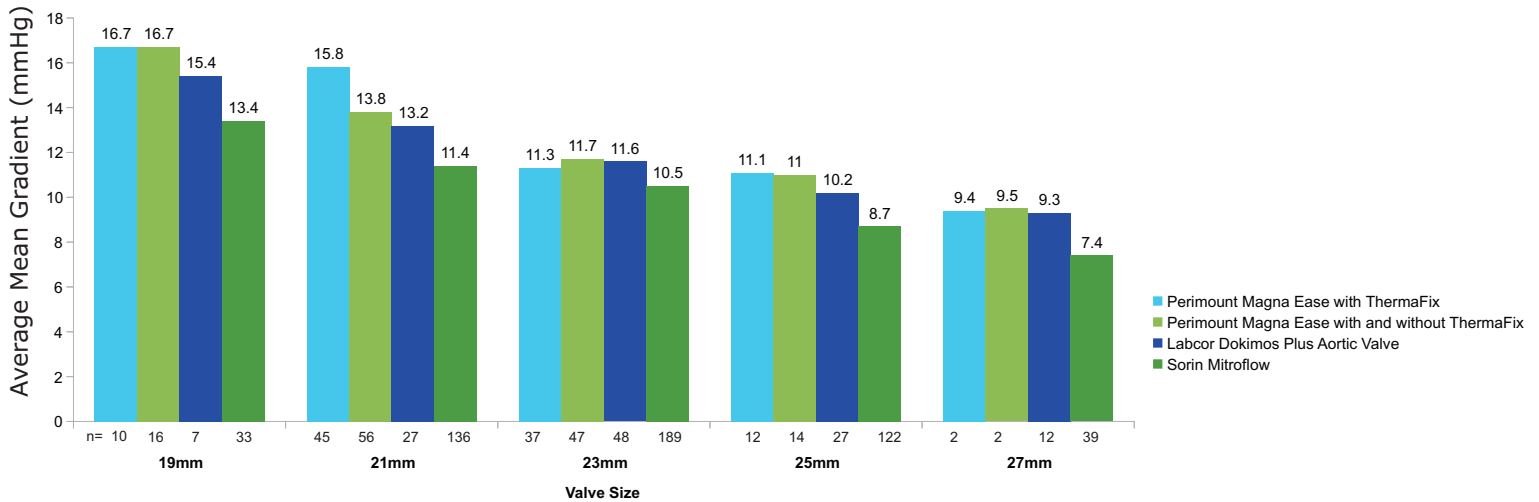
Sorin Mitroflow, Edwards Perimount Magna and Edwards Perimount Magna Ease

Hemodynamic data obtained from multicenter study from 6 clinical sites. Data analyzed by independent echocardiography laboratory.

Effective Orifice Area (EOA)



Mean Gradient



Implant data

Patients implanted valve from Jan/2009 to Nov/2011. Echo performed after 6 months.

Total of Patients: 121

Mean age: 63 +/- 13 years

Male: 57% / Female: 43%

Average Mean EOA: 1.80 cm²

Average Mean Gradient: 11.74mmHg / Average Max Gradient: 22.06mmHg

EOA Index: ≥0.85cm²/m² total:76% / <0.85cm²/m² total:24%

References:

- Edwards Lifesciences Corporation, Carpentier-Edwards Magna Ease Pericardial Aortic Bioprosthesis Model 3300TFX, Instructions for use, 2009. Echo follow-up at one year.
- CarboMedics, Inc., A Sorin Group Company. Mitroflow Aortic Pericardial Heart Valve, Pre-Market Approval Application Summary of Safety and Effectiveness Data, P060038, 2007. Echo follow-up at one year.
- Conte J. Weissman N, Dearani JA, et al. A North American, prospective, multicenter assessment of Mitroflow aortic pericardial prosthesis. Ann Thorac. Surg. 2010;90(1)144-152.e1-3