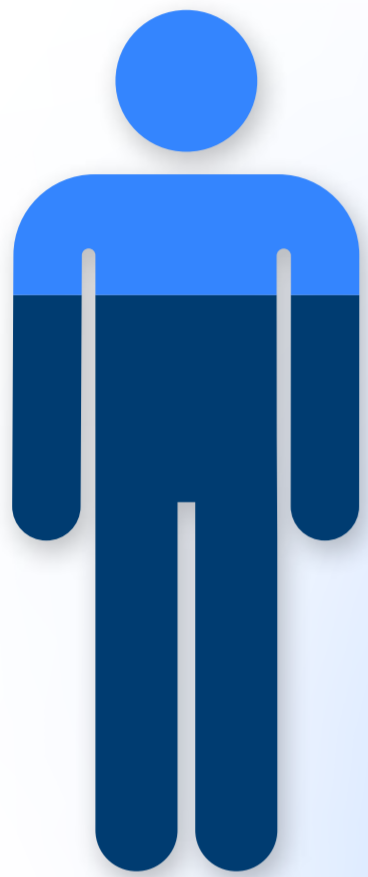




IVUS Guidance Optimizes Coronary Outcomes¹⁻⁵



IVUS use led to a change in treatment plan for

74%
of patients¹

IVUS usage post stent implantation led to further optimization of the stented lesion, in

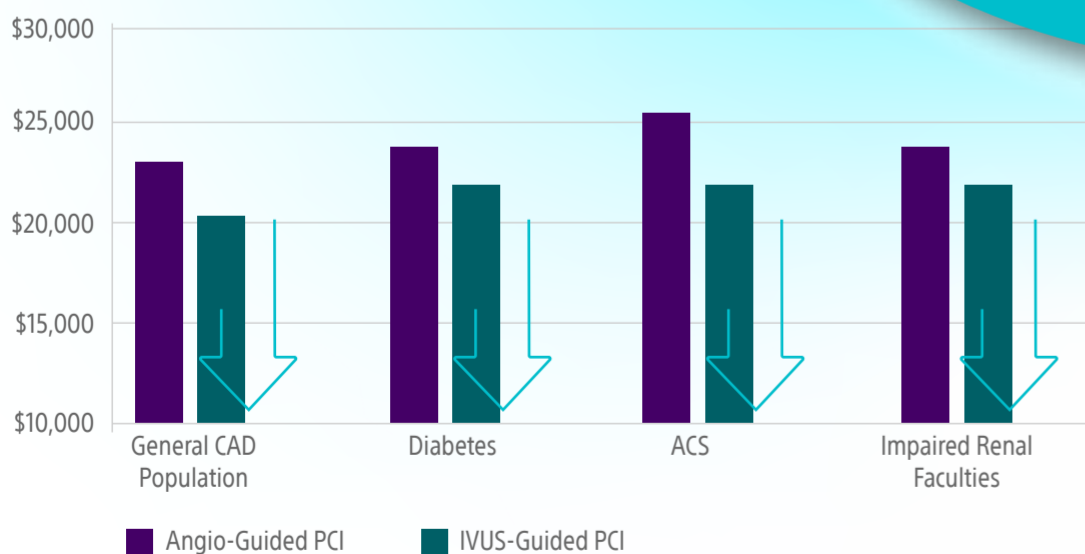
30.2%
of lesions³

Learn more, visit our webpage:



Studies show that IVUS-guided PCI is more cost-effective than angio-guided PCI^{4,5}

Cost Incurred to Treat a Patient (Lifetime)



... during the procedure

IVUS utilization versus angiography alone lead to significantly[§] lower TVF at 3 years²

Target Vessel Failure (TVF[§])

10,7%

Angiography

6,6%

IVUS

IVUS, Intravascular ultrasound; PCI, percutaneous coronary intervention.
§ At 3 years, TVF occurred in 47 patients (6.6%) in the IVUS-guided group and in 76 patients (10.7%) in the angiography-guided group (p = 0.01)

1. Fujimura T, et al. Stent Expansion Indexes to Predict Clinical Outcomes: An IVUS Substudy From ADAPT-DES. JACC Cardiovasc Interv. 2021;14(15): 1639-50.
2. Gao XF, et al. 3-Year Outcomes of the ULTIMATE Trial Comparing Intravascular Ultrasound Versus Angiography-Guided Drug-Eluting Stent Implantation. JACC Cardiovasc Interv. 2021;14(3): 247-57.
3. Banning A, et al. Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with de novo three-vessel disease: final results of the SYNTAX II study. Eur Heart J. 2022;43(13): 1307-16.
4. Albertini A, et al. Understanding the economic impact of intravascular ultrasound (IVUS). Eur J Health Econ. 2016;17, 185-93.
5. Ahn JM, et al. Meta-analysis of outcomes after intravascular ultrasound-guided versus angiography-guided drug-eluting stent implantation in 26,503 patients enrolled in three randomized trials and 14 observational studies. Am J Cardiol. 2014 ;15;113(8): 1338-47.

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