



IVUS Saves Lives¹⁻⁵

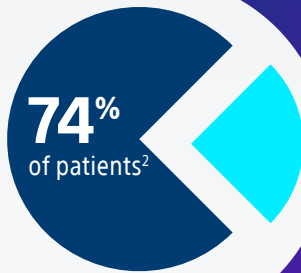
Class **I** **A** recommendation for guidance of PCI on anatomically complex lesions.¹



1

Pre-PCI Procedure

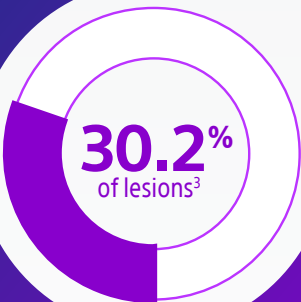
IVUS use leads to a change in treatment plan for 74% of patients².



2

PCI optimization

IVUS usage post stent implantation led to further optimization of the stented lesion, in 30.2% of lesions³.

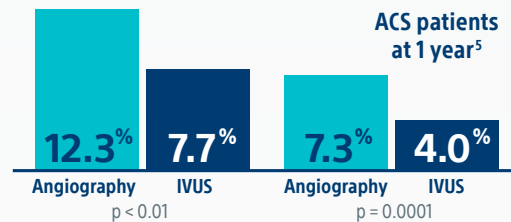


Patient Outcomes

Using IVUS vs using angiography alone yields lower TVF outcomes both in chronic⁴ and acute patients⁵

3

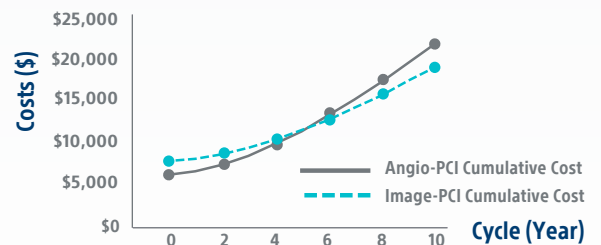
Complex patients at 3 years⁴



4

Cost-efficiently

IVUS use leads to reduced costs vs angiography alone over a patient's lifetime⁶



IVUS, Intravascular ultrasound; PCI, percutaneous coronary intervention; TVF, Target Vessel Failure; ACS, Acute Coronary Syndrome.

1. Vrints C, et al, 2024 ESC Guidelines for the management of chronic coronary syndromes. European Heart Journal (2024) 00, 1-123 <https://doi.org/10.1093/eurheartj/ehae177>. 2. 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. 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. Joo Myung Lee et al, Intravascular Imaging-Guided or Angiography-Guided Complex PCI, the RENOVATE COMPLEX PCI Study, N Engl J Med 2023;388:1668-1679; DOI: 10.1056/NEJMoa2216607. 5. Li X, et al. Intravascular ultrasound-guided versus angiography-guided percutaneous coronary intervention in acute coronary syndromes (IVUS-ACS): a two-stage, multicentre, randomised trial. Lancet. 2024; 403(10439): 1855-65. 6. Hong D, et al. Cost-Effectiveness of Intravascular Imaging-Guided Complex PCI: Prespecified Analysis of RENOVATE-COMPLEX-PCI Trial. Circ Cardiovasc Quality and Outcomes. 2024;17(3): <https://doi.org/10.1161/CIRCOUTCOMES.123.010230>.

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