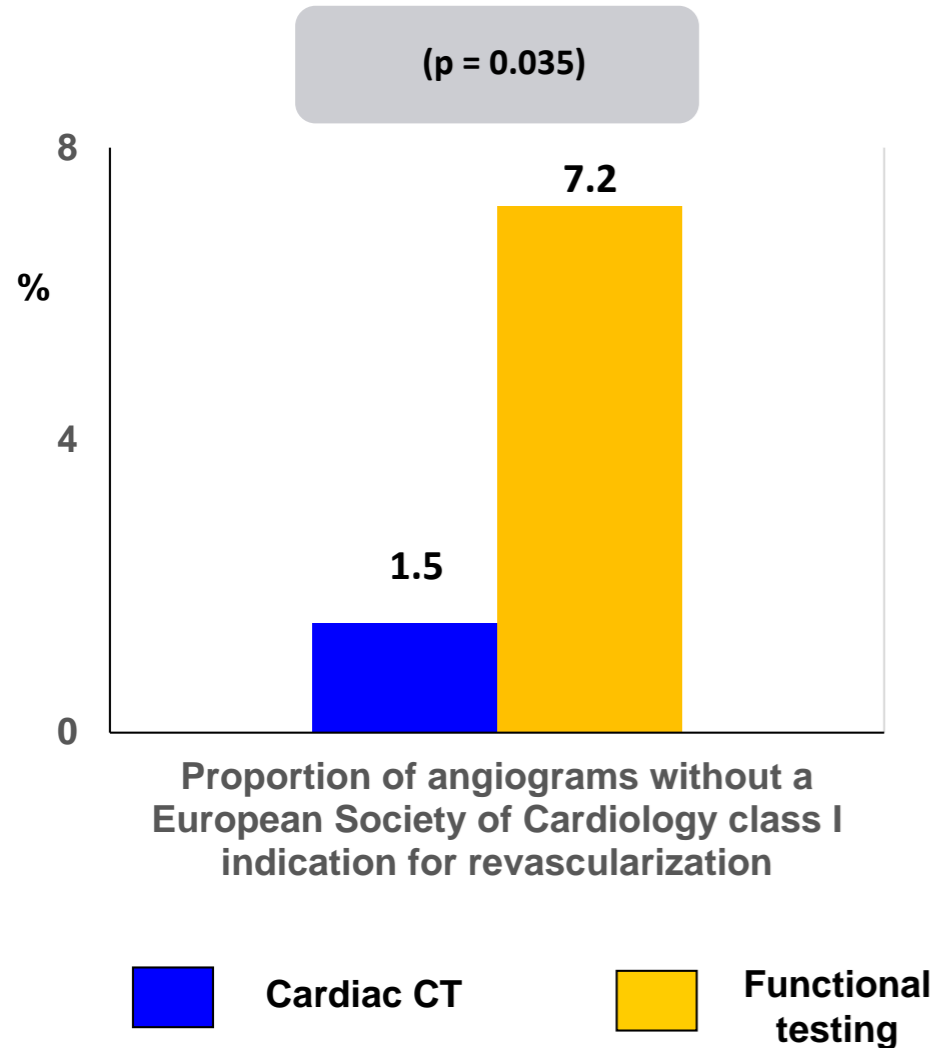


CRESCENT-II

Trial description: Patients with stable angina were randomized to cardiac CT (n = 130) vs. functional testing (n = 138). In the cardiac CT group, testing began with calcium scoring, followed by CT angiography if calcium was detected, followed by CT perfusion imaging if $\geq 50\%$ stenosis was detected.



RESULTS

- Primary outcome, proportion of angiograms without a European Society of Cardiology class I indication for revascularization: 1.5% in the cardiac CT group vs. 7.2% in the functional testing group (p = 0.035)
- Positive diagnostic yield of invasive angiography: 88.2% in the cardiac CT group vs. 50.0% in the functional testing group (p = 0.017)

CONCLUSIONS

- Among patients with stable angina symptoms, tiered cardiac CT was a safe and efficient strategy compared to functional testing

Lubbers M, et al. JACC Cardiovasc Imaging 2018;11:1625-36



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