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### DISCLOSURES

Abbott (consultant, advisory board), CathWorks (consultant, speaker), Cleerly (speaker), GE Healthcare (consultant, advisory board), HeartFlow (consultant, speaker), Medtronic (speaker), Philips (consultant, advisory board, speaker), Roche Diagnostics (consultant, advisory board, speaker), and Zoll (advisory board); owner, Systole LLC. He is an Associate Editor for JACC Advances. He and others hold patent 20210401347.

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# Coronary angiography 2.0: angiography-based physiology

Software	Study	Trial Design	Study Question/Topic	Estimated Sample Size	Control	Intervention	Endpoint	Estimated completion
caFFR	The Flash FFR II study	Randomized controlled trial	caFFR guided PCI strategy vs FFR guided PCI strategy	2132	FFR	caFFR	MACE and cost data at 2 years	12/2025
vFFR	FAST STEMI II study	Prospective cohort study	Validation of vFFR compared to FFR guided revascularization of non-culprit lesions in STEMI	111	FFR	vFFR	Diagnostic performance of vFFR	06/2023
	LIPSIASTRATEGY	Randomized controlled trial	Comparison of vFFR vs FFR in intermediate coronary stenoses	1926	FFR	vFFR	MACE at 1 year	11/2026
	FAST III	Randomized controlled trial	Comparison of vFFR vs FFR guided PCI strategy	2228	FFR	vFFR	MACE at 1 year	05/2025
QFR	FAVOR III Europe Japan Study	Randomized controlled trial	Is QFR vs FFR in intermediate lesions: Noninferiority	2001	FFR	QFR	MACE at 1 year	12/2025
	CONFIDENT	controlled trial	QFR in stable angina	4648	QFR	CT-FFR	MACE at 1 year	05/2028
FFRangio	All-RISE	Randomized control trial	Clinical outcomes of pressure wire-based assessment vs FFRangio	1924	Pressure Wire- Based Physiology	FFRangio	MACE at 1 year	12/2024

Advancements and future perspectives in coronary angiography-derived fractional flow reserve. Prog Cardiovasc Dis. 2024 Aug 8:S0033-0620(24)00111-7. doi: 10.1016/j.pcad.2024.08.002. Epub ahead of print. PMID: 39122203.

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