



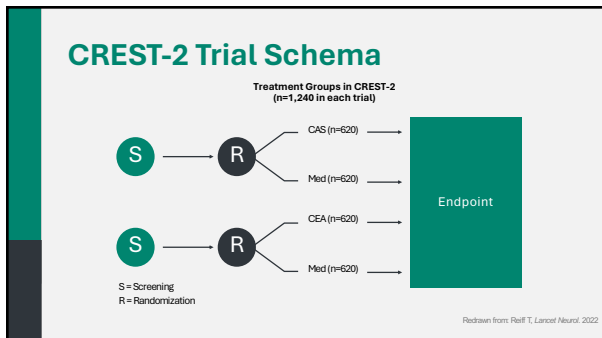
### Update On CREST 2: CEA Versus Best Medical Treatment (BMT) And CAS Versus BMT For Asymptomatic Carotid Stenosis (ACS): Recruitment And Findings To Date

VEITH Symposium 51st Annual Symposium on Vascular and Endovascular Issues  
 Thomas G. Brott, MD; Brajesh K. Lal, MD  
 Friday, November 22<sup>nd</sup>, 2024



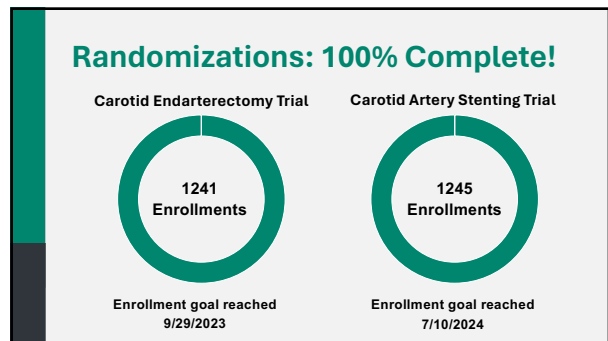
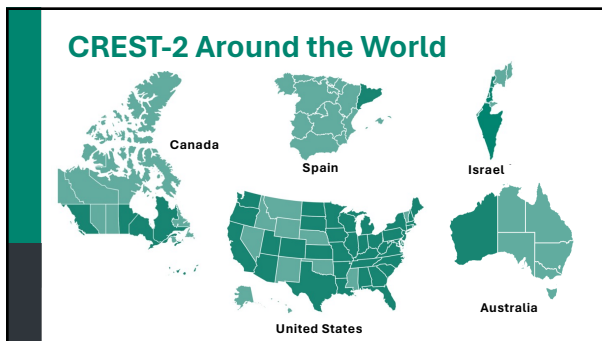
## Disclosures

None.




### CREST-2 Primary Endpoint

- The composite of any stroke or death within 44 days of randomization **plus** any ipsilateral stroke thereafter out to 4-years



### Top Enrolling CREST-2 Surgeon



**Matthew C. Koopmann, M.D., F.A.C.S., R.P.V.I.**  
Associate Professor of Surgery, Division of Vascular Surgery, School of Medicine

### REVIEW ARTICLES

Kakra Hughes, MD, PhD, SECTION EDITOR

**An international, multispecialty, expert-based Delphi Consensus document on controversial issues in the management of patients with asymptomatic and symptomatic carotid stenosis**

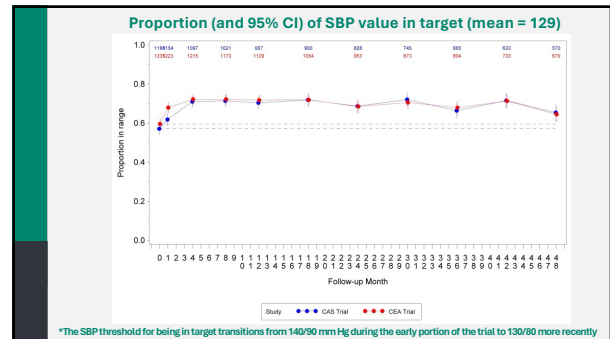
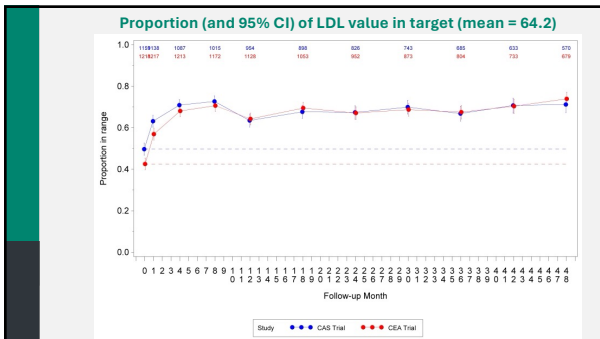
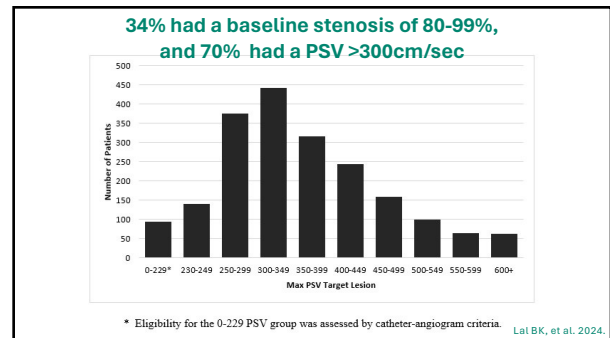
Kosmas I. Paraskevas, MD,\* Dimitri P. Mikhailidis, MD, FPM, FRCP, FRCPath,<sup>†</sup> Peter Arthur Ringleb, MD

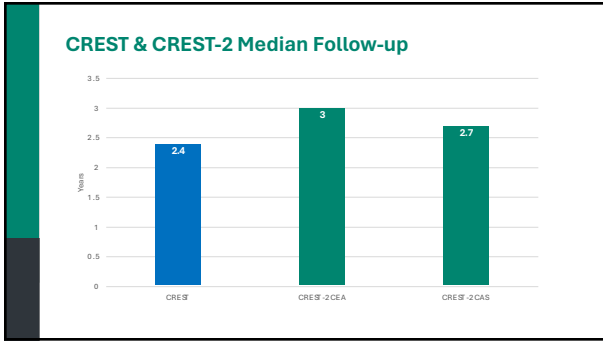
Paraskevas, KI, et al. *J Vasc Surg*, 2024.

**Table VII.** Responses after Rounds 1, 2, and 3 to the question: "Is 80% to 99% asymptomatic carotid stenosis (AsxCS) associated with a higher risk of future ipsilateral ischemic stroke compared with 60% to 79% AsxCS?"

	Rounds 1 & 2, Round 3, No. (%)	Round 3, No. (%)
Yes	47 (77.1)	47 (77.1)
Probably yes	6 (9.8)	7 (11.4)
Possibly yes	1 (1.6)	2 (3.3)
Uncertain/unknown/unproven/no opinion	2 (3.3)	1 (1.6)
Probably no	2 (3.3)	2 (3.3)
Possibly no	1 (1.6)	—
No	2 (3.3)	2 (3.3)
Total	61 (100)	61 (100)

Paraskevas, KI, et al. *J Vasc Surg*, 2024.



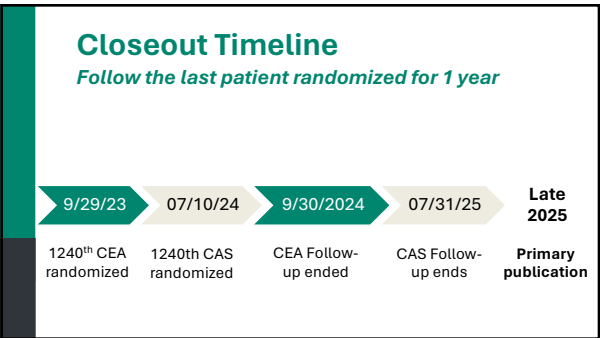


### More thanks to the 143 CREST-2 Sites

- >17,000 patient visits
- >8,000 cognitive exams

### All strokes are not the same!

- Brain imaging, appropriately timed, of patients with a primary endpoint:
  - 100% with an official Radiology report.
  - **>90% with the MRI or CT images** at the Endpoint Adjudication Committee (we plan to publish these endpoint images).



### ...plus:

- BK Lal and team studies of plaque high-risk features
  - US
  - MRI
- CREST-H: *do patients with ipsilateral hemodynamic compromise do better with revascularization?*
- C2LOE (CREST-2 Longterm Observational Extension)

### Thanks for your attention!

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