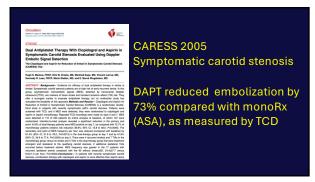
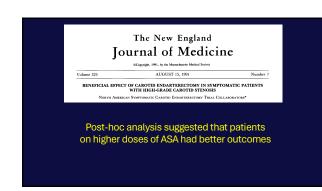
What should best medical therapy be for patients having CEA?
Should it include clopidogrel?

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Outcomes Related to Antiplatelet or Anticogulation Use in Patients Undergoing Carolid Endateratecroomy

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Clinical trials comparing CEA and CAS have not utilized equivalent optimal medical therapy
due to a perceived risk of increased bleeding with
DAPT in CEA



## Study design

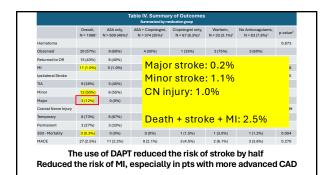
- 1066 consecutive patients having CEA 2010-2017
- Retrospective review of a prospective database
- All patients were evaluated with NIH stroke scale pre- and post-operatively

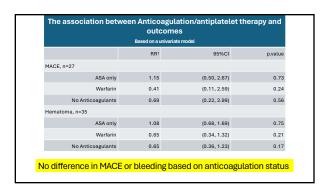
## Study design

- Primary endpoints:Postop stroke, MI, death
- Secondary endpoints:
  - Postoperative bleedingCranial nerve injury

Table III. Carotid artery disease Summary Santaniento genter						
	Overall, N = 1096 <sup>1</sup>	Female, N = 264 (24%) <sup>5</sup>	Maio, N = 702 (66%) <sup>1</sup>	p-value <sup>2</sup>		
Symptomatology				.281		
Asymptomatic	458 (42%)	159 (64%)	299 (42%)			
Stroke	294 (28%)	107 (29%)	187 (27%)			
TM/amaurosis fugax	214 (29%)	98 (27%)	216 (21%)			
57% operated for symptomatic carotid artery stenosis 28% prior CVA 29% TIA / amaurosis fugax						

Summarized by clopidogrel use							
	Overall, N = 1066 <sup>1</sup>	Clopidogrel, N = 441 (41%) <sup>1</sup>	No Clopidogrel, N = 625 (59%) <sup>1</sup>	p-value <sup>2</sup>			
CAD Grade				0.002			
Grade 1	458 (43%)	165 (37%)	293 (47%)				
Grade 2	<mark>294 (28%)</mark>	144 (33%)	150 (24%)				
Grade 3	314 (29%)	132 (30%)	182 (29%)				





## Conclusions

- The use of DAPT did not increase the risk of bleeding or CN injury following CEA
  Clopidogrel (Rx 30) + 81 mg ASA
  Begin 7 d prior to CEA, complete P/O, then ASA alone
- Reduced the risk of stroke by half in our series
- Reduced the risk of MI in patients with advanced CAD

## Conclusions

- DAPT with ASA and clopidogrel should be considered 'best medical therapy' in patients having CEA
- Future trials comparing CEA and CAS should employ identical adjuvant medical therapies, including DAPT

