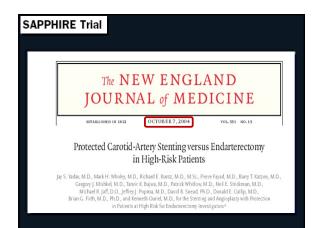


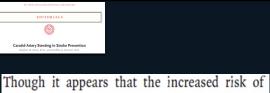
<u>eliminate</u> the need for thousands of operations and cut the rate of potentially deadly complications in half. The technique is a new form of angioplasty, now commonly used instead of bypass surgery to clear arteries supplying the heart. The new procedure applies similar techniques in the neck. It is designed to be used in place of a risky operation called carotid endarterectomy, which requires doctors to make a 6-inch incision in the neck and carve out two inner layers of the carotid artery supplying the bran.



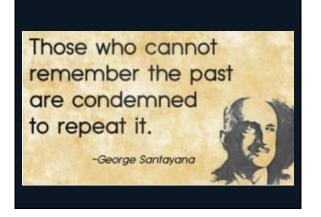




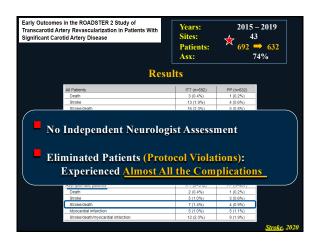
The NEW ENGLAND JOURNAL & MEDICINE		•	CREST	
Start Mark, Barra Sangara, Sangara Sangara, S Sangara, Sangara, S	Periprocedural			
	CAS	CEA		
Composite Outcome CVA/Death/MI **	5.2%	4.5%	.38	
CVA	4.1%	2.3%	.01	
MI	1.1%	2.3%	.03	
Death	0.7%	0.3%	.18	
CVA/Death	4.8%	2.6%	.005	

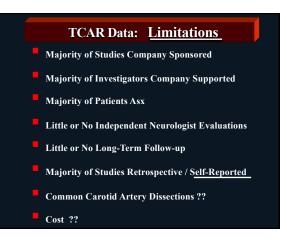


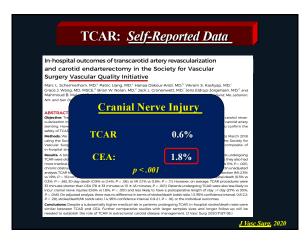
stroke with carotid-artery stenting is offset by an increased risk of myocardial infarction with carotid endarterectomy, <u>stroke has greater long-</u> term health consequences than myocardial infarction. The risk-benefit issue is complex and

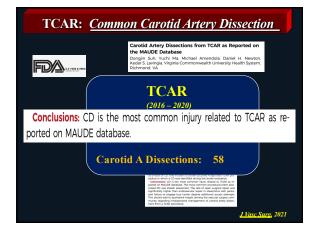












Carotid Endarterectomy is the Nost Cost-effective Treatment Modality for Nenemergent Significant Carotid Artery Stenosis Deale N. Coogan, "Amandis Erreson," Humais Sadad, "Charles C. Wile", "Woldmer Medical School and Urboatan and Memorial Wile", "Woldmer Medical School and Urboatan and Memorial	TCAR: <u>Cost</u>		
Hermann Hospital, Houston, Tox, "Vermonial Hermann Hospital, Houstan, Tox: "University of Toxar Hwath Science Center, Houston, Tet	Patients: Years:	1,143 2017-2020	
	No. (%)	CVA/TIA	Cost
CEA	798 (69.8)	1.1%	\$7,787
TFCAS	168 (14.7%	4.2%	\$12,528
TCAR	177 (15.5%)	1.7%	\$14,125
		p < .03	p < .05
U Tex Houston, Hermann M	Memorial Hosp. Houston		<u>J Vasc Surg</u> , 2021

