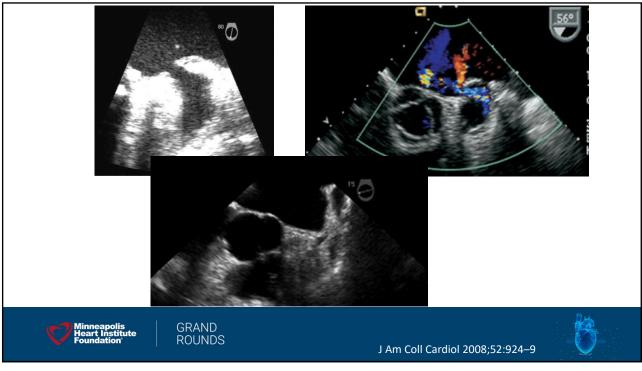
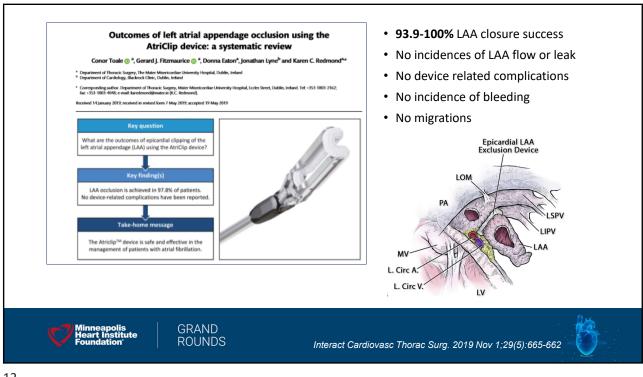
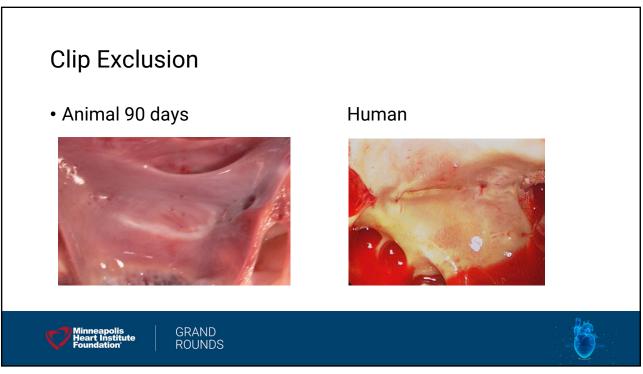


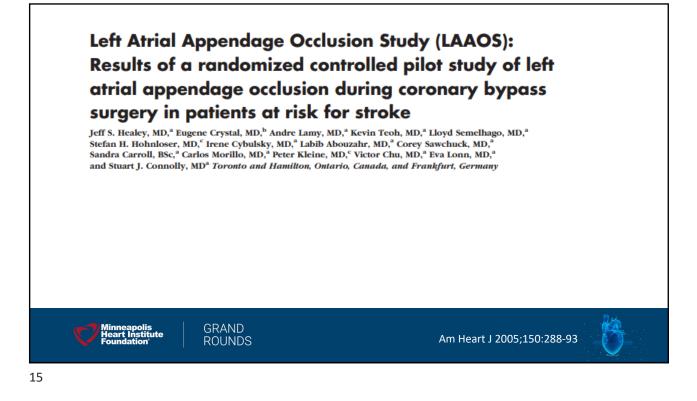
Assessment l	ov Tra	nsesophag	eal Echocard	liography					
	ian, MI	D,* A. Marc	Gillinov, MD,†	Gosta B. Petterss	on, MD, PHD,	100			_
Cleveland, Ohio	inc, mil	, , , , , , , , , , , , , , , , , , ,	Kieli, MD, 17			with Thrombus	_	with persistent flow into the LA	
Table 2 Success of Type of Closure	n Differen	nt Techniques Patent LAA	of LAA Closure	Excluded LAA With Persistent Flow	Successful LAA Closure	50- 25-			
Excision	52	0	14 (27%)	0	38 (73%)*	Perce			
Suture exclusion, n (%)	73	6 (8)	6 (8)	44 (61)	17 (23)*				
Stapler exclusion, n (%) Total, n (%)	12	2 (17) 8 (6)	7 (58) 27 (20)	3 (25) 47 (34)	0 (%)† 55 (40)	0.1	Excision	Suture Exclusion	Stapler Excl
*p < 0.001, †p = 0.002. Abbreviations as in Table 1.						Figure 4		of LAA Thrombus sful Surgical Closure	
						surgical lef	t atrial appendage	atrial appendage thrombu closure by the 3 technique on, LAA = left atrial appendix	es: excision, su

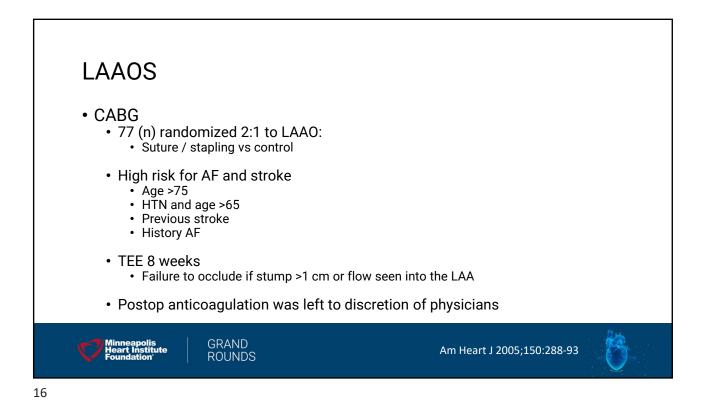


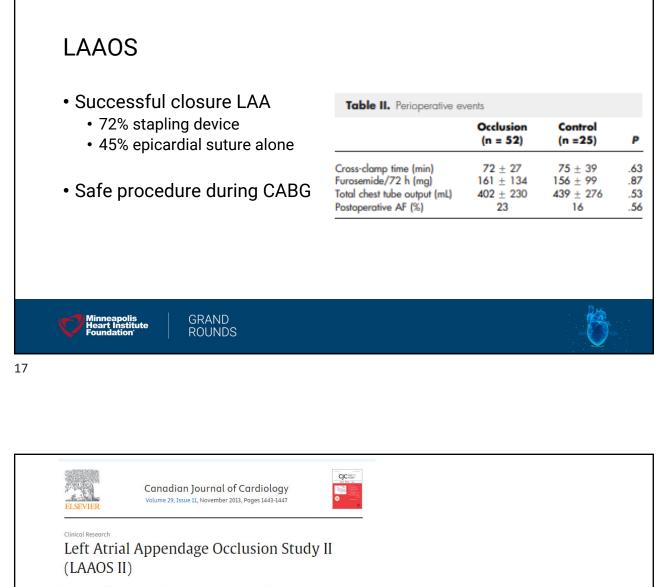












Richard P. Whitlock MD, PhD[°] ♀ ☞, Jessica Vincent MSC[°], Mary Helen Blackall BSCN[°], Jack Hirsh MD[°], Stephen Fremes MD^b, Richard Novick MD[°], PJ. Devereaux MD, PhD[°], Kevin Teoh MD[°], Andre Lamy MD[°], Stuart J. Connolly MD[°], Salim Yusuf DPhil[°], Michel Carrier MD^d, Jeff S. Healey MD[°]

• Pilot trial of AF and increased risk of stroke

• Randomized LAAOS 26 vs 25 no occlusion and anticoagulation

• Procedure was safe

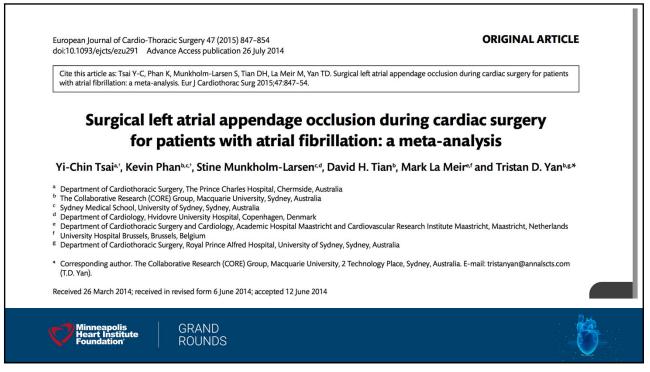
At 1 year:

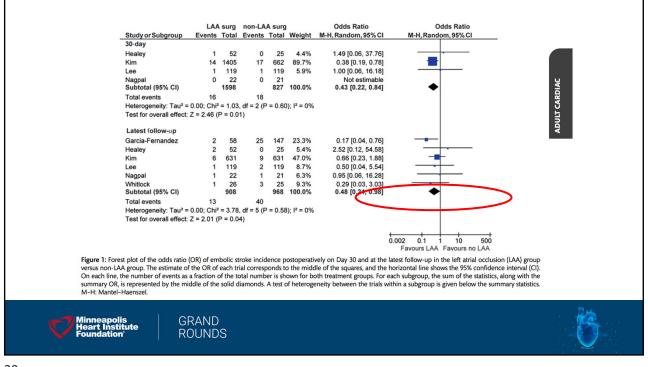
- 15.4% vs. 20.0%
 - Composite endpoint of death, MI, stroke, noncerebral systemic emboli, or major bleeding (RR, 0.71; 954

GRAND ROUNDS

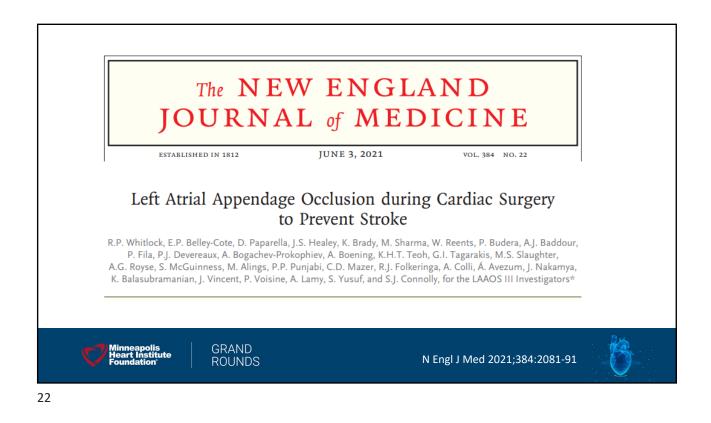
CI, 0.19-2.66; P = 0.61)

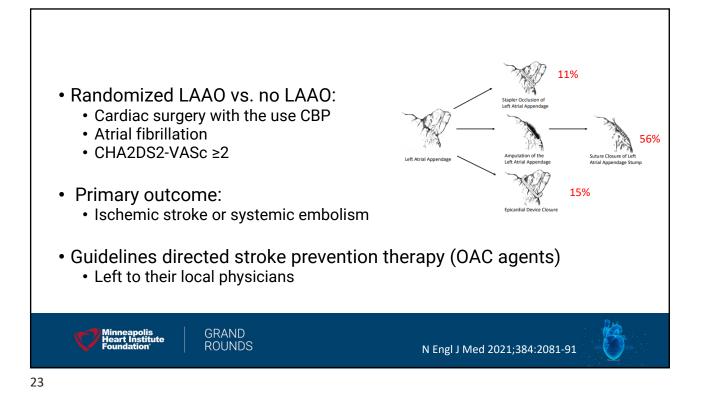
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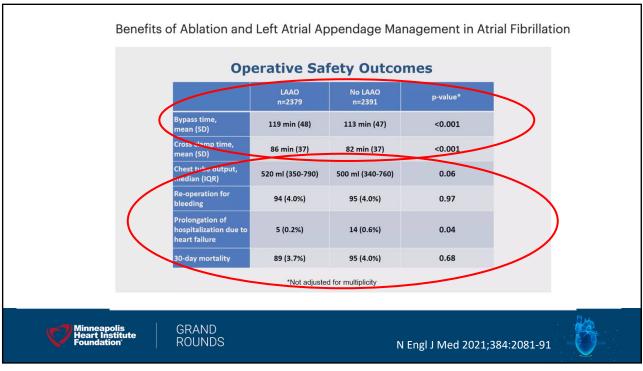


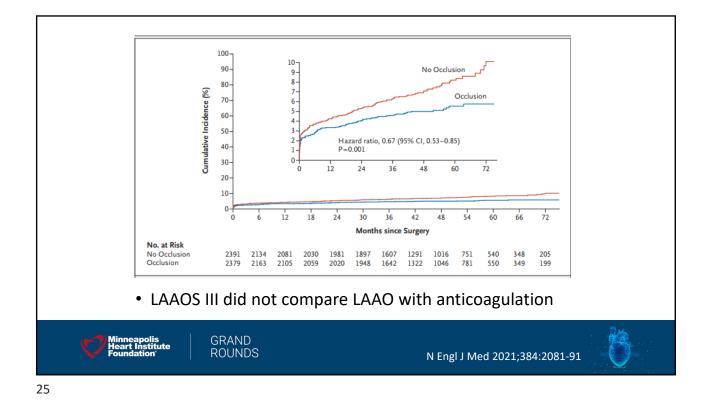


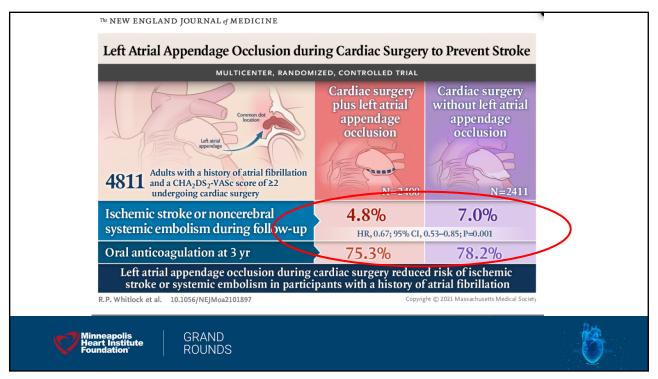




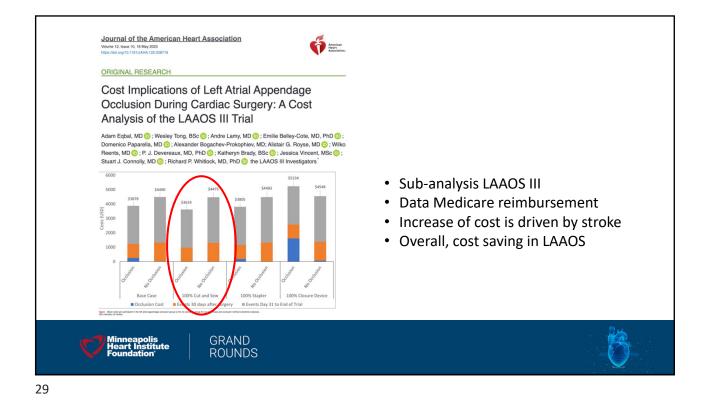


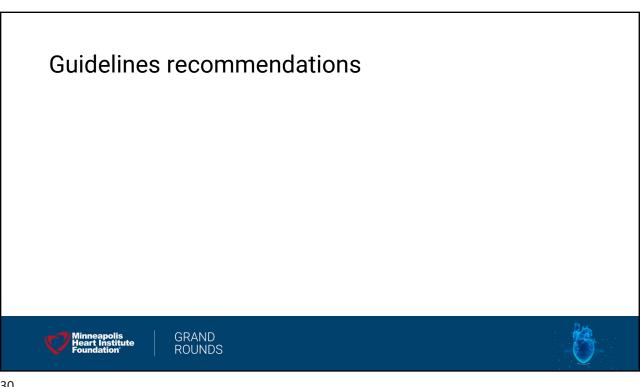


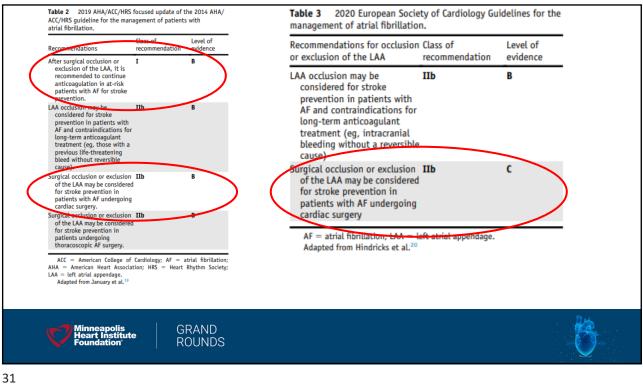




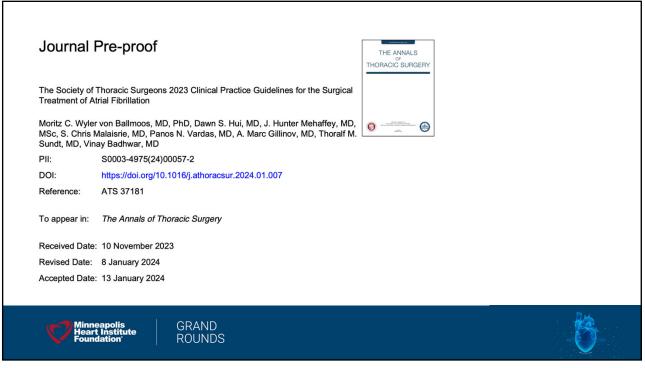




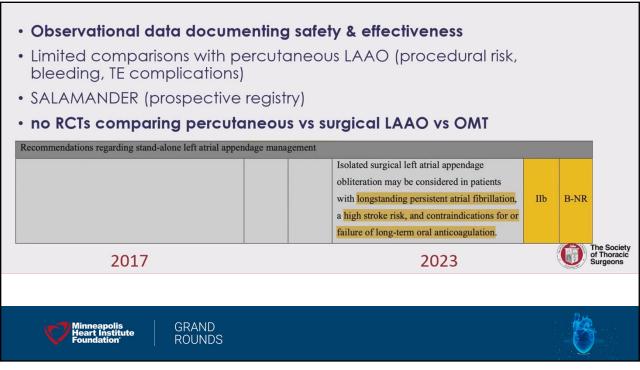


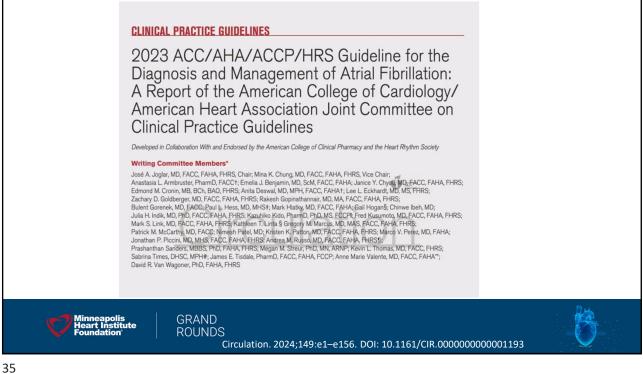


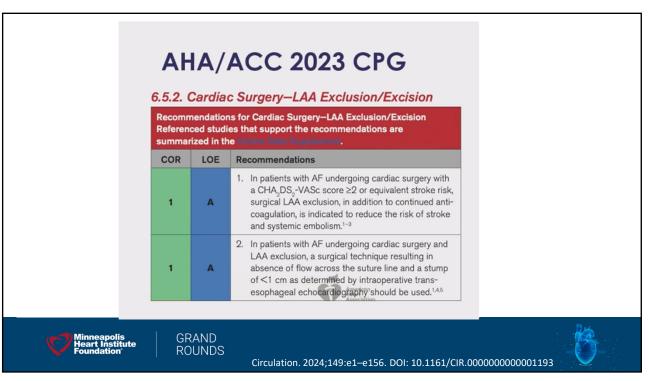


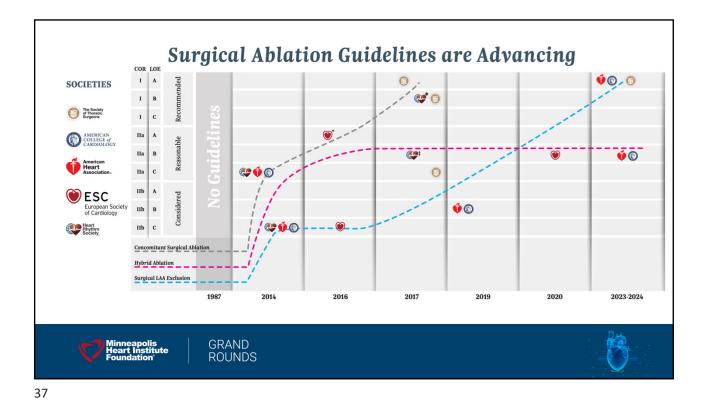


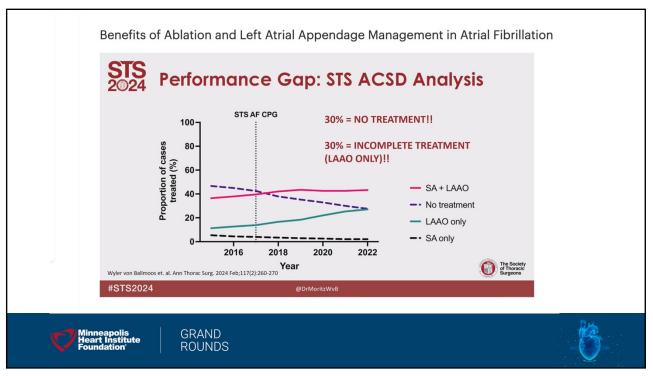


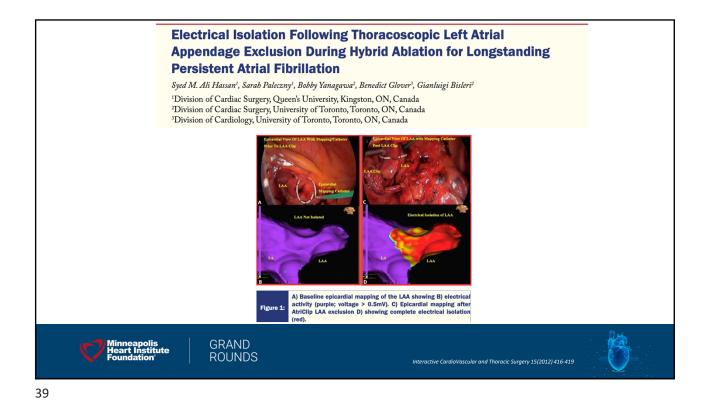


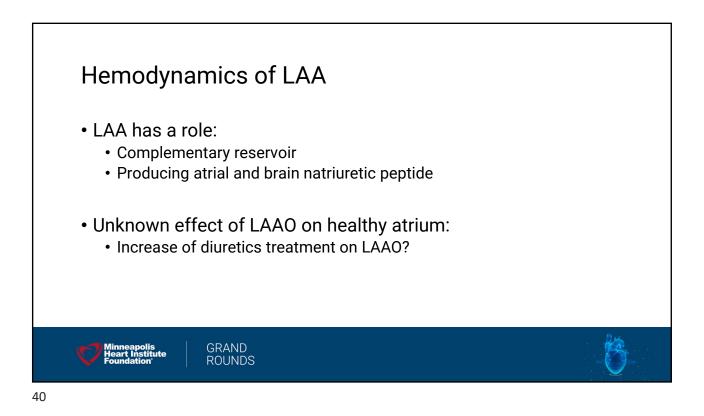


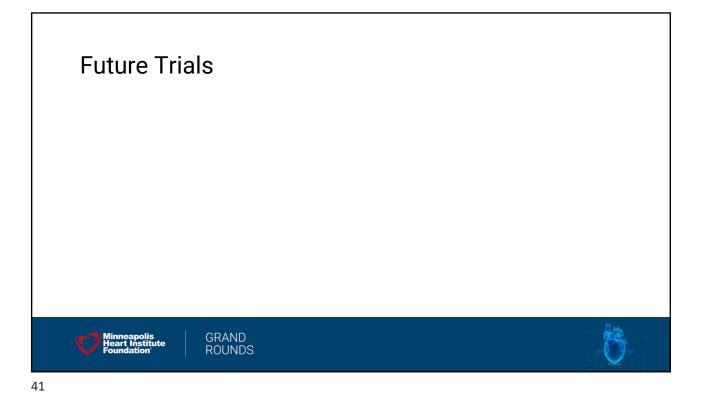


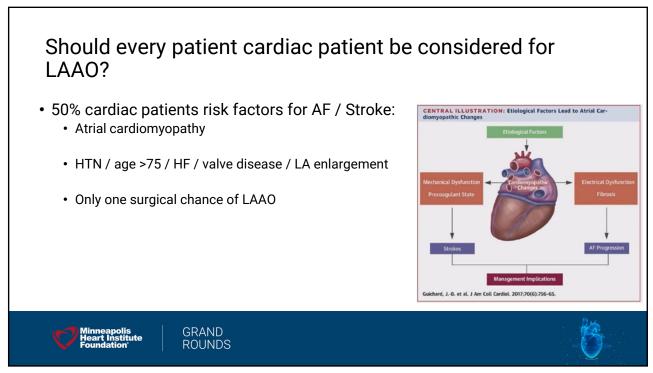




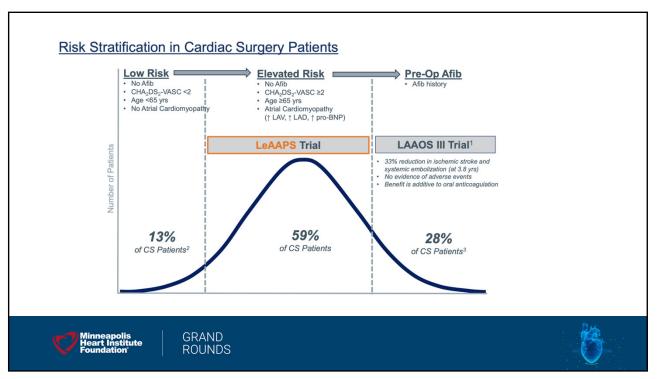




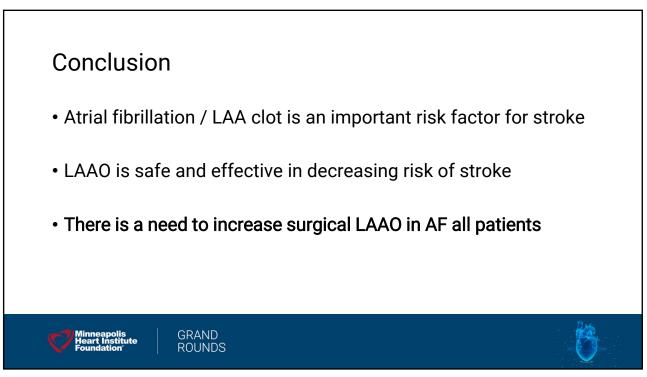


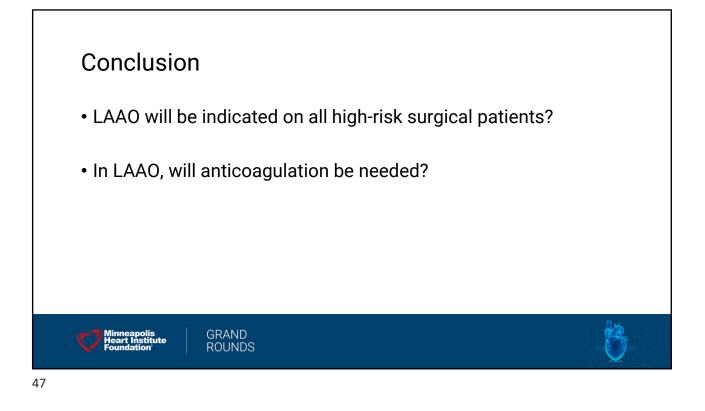


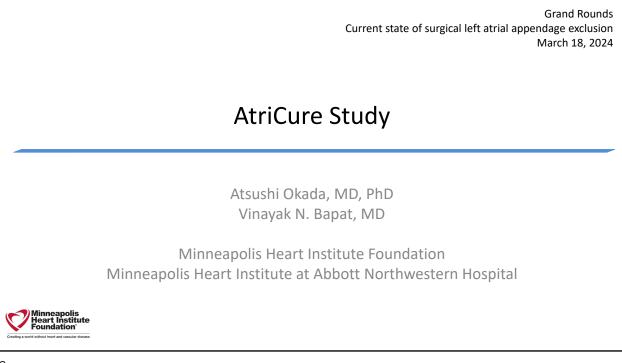


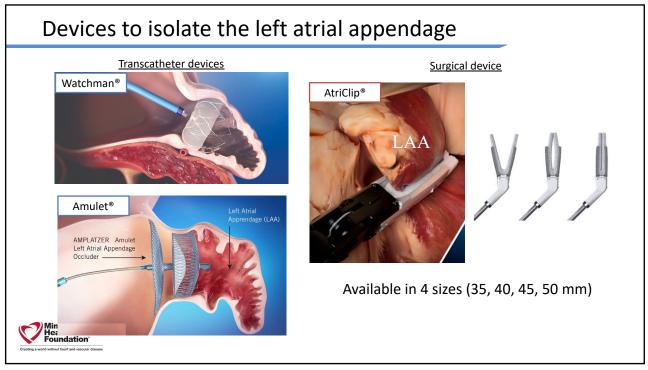


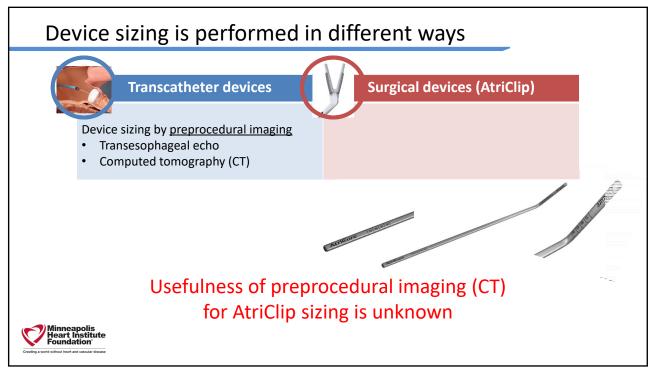
ATLAAC Trial	
Can patients with atrial fibrillation safely discontinue anticoagulant therapy after cardiac surgery? Kristina Gosvig, Resident in Cardiac Surgery Odense University Hospital	Anticoagulant Therapy after Left Atrial Appendage Closure (ATLAAC) NUTICENTER RANDOMIZED CONTROLLED TRIAL Nationwide inclusion Cardiac CT-scan Anticoagulart Therapy after Left Atrial Appendage Closure (ATLAAC) Vality of life Vality of life
Minneapolis Heart Institute Foundation ROUNDS	6

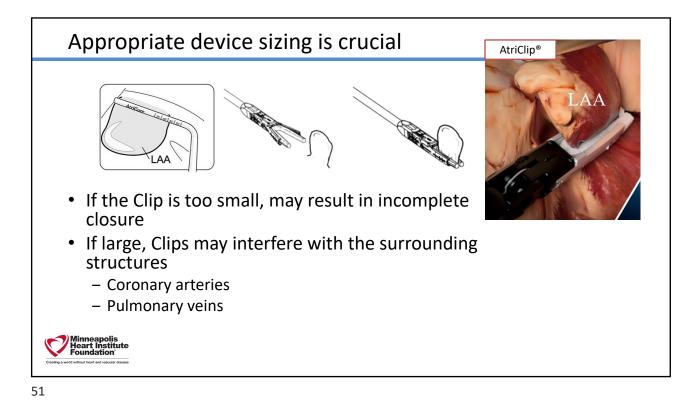








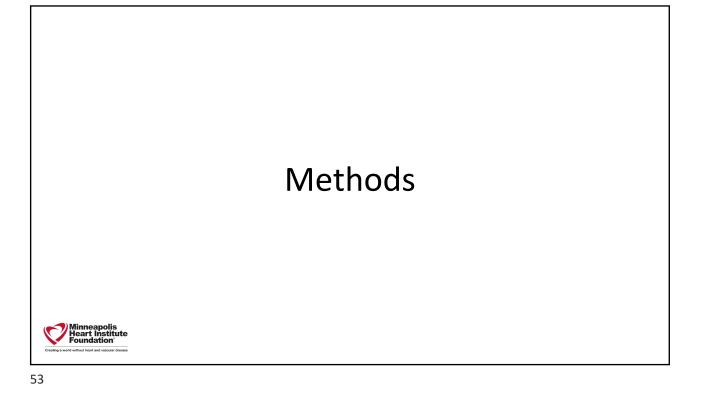


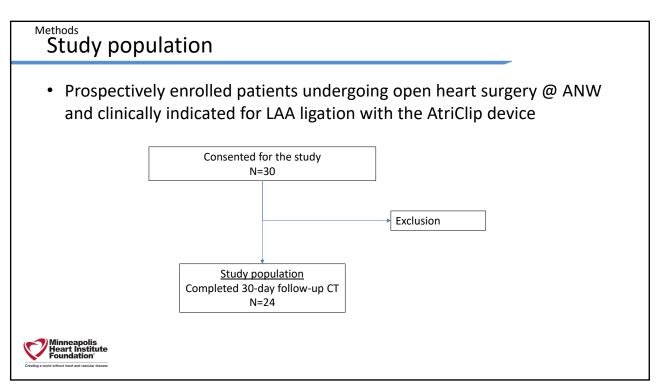


Aim of this study
We sought to investigate
1. Association between <u>theroretical CT-predicted size</u> and <u>implanted size</u> during surgery
2. Their association with imaging outcomes

findings on prospectively conducted post-AtriClip CTs

in patients undergoing AtriClip placement

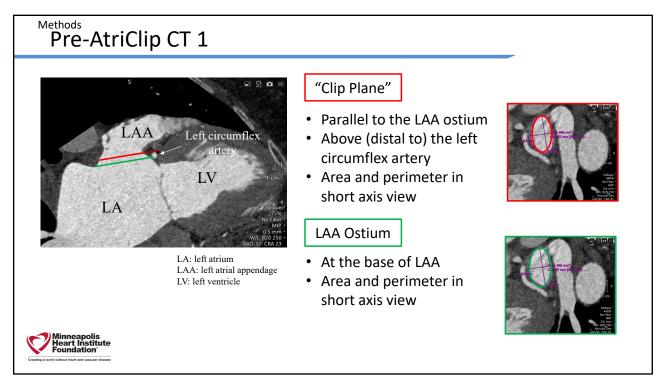


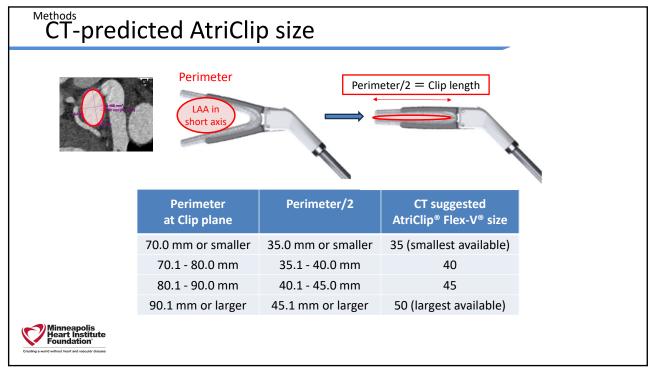


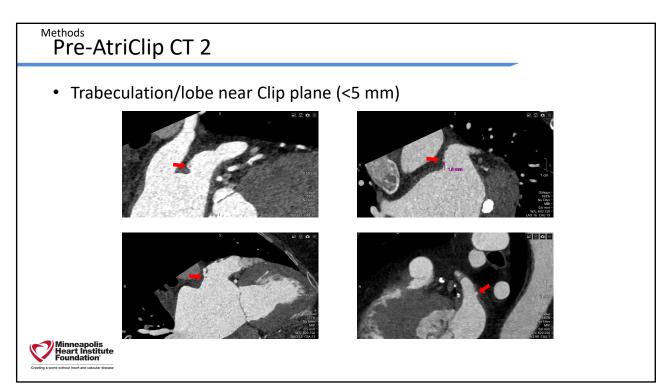
Evaluations

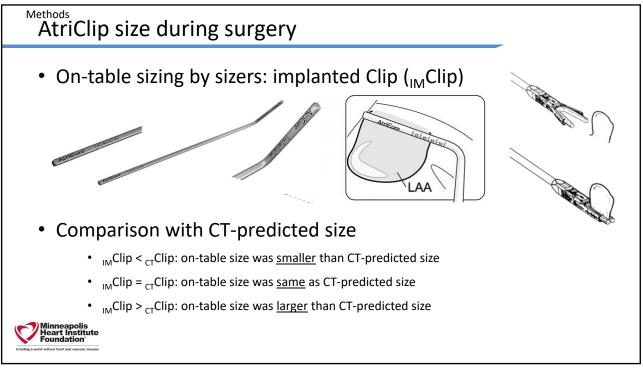
- Baseline characteristics
- Pre-AtriClip CT
- AtriClip sizing during surgery (on-table sizing)
- Post-AtriClip CT
 - at 90 days after surgery

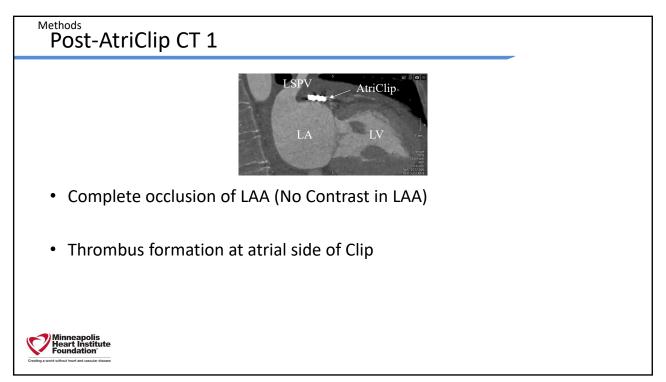


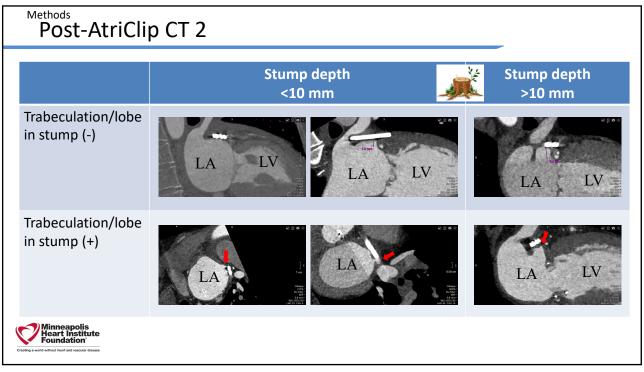


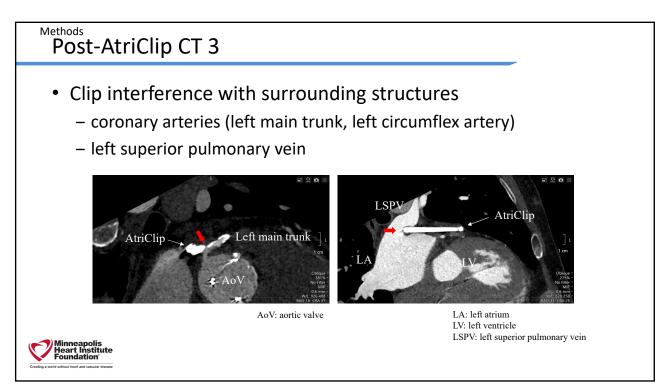














Patient Charac	cteristics	
		N=24
	Age, years	69 (61-77)
	Male	15 (63%)
	Body surface area, m ²	2.02 (1.81-2.17)
	Atrial fibrillation	9 (38%)
	Surgical data	
	AtriClip size, mm	
	35	6 (25%)
	40	9 (38%)
	45	4 (17%)
	50	5 (21%)
	Procedures*	
	Aortic valve surgery	11 (46%)
	Mitral valve surgery	10 (42%)
	Tricuspid valve surgery	3 (13%)
Minneapolis	Coronary artery bypass grafting	7 (29%)
Heart Institute Foundation	Ascending aorta replacement	1 (4%)

	lip CT		
		N=24	
	LAA shapes		Substantial Variations in LAA Shape
	Chicken wing	9 (38%)	A · R
	Cactus	3 (13%)	12 53 183
	Windsock	9 (38%)	011471148
	Cauliflower	3 (13%)	Chicken wing Cactus Windsock Cauliflowe
	Ostium		JACC Cardiovasc Imaging 2015; 8: 472-
	Area, mm²	519 (423-676)	
	Perimeter, mm	87 (79-103)	
	Clip plane		s start s
	Area, mm²	449 (384-613)	Ber Bigman
	Perimeter, mm	80 (72-92)	
	Trabeculation/lobe near Clip plane	12 (50%)	
7 Minneapolis Heart Institute			

	N=24				
Complete occlusion of LAA	24 (100%)		La	24	
Thrombus formation at Clip	0 (0%)		-		
Residual stump			Stump depth	Stump dept	
depth >10mm	6 (25%)		>10 mm	<10 mm	
depth <10mm	18 (75%)	Trak coulotion /labo	N=6	N=18	
Trabeculation/lobe in stump		 Trabeculation/lobe in stump (-) 	3 (50%)	9 (50%)	
Yes	12 (50%)	Trabeculation/lobe	3 (50%)	9 (50%)	
No	12 (50%)	in stump (+)			

