

What is **EIA** endofibrosis?

- 1986: Chevalier et al (Annals Vasc Surg)
 - 7 patients p/w intermittent claudication
 ABI decreased, symptoms + after exercise

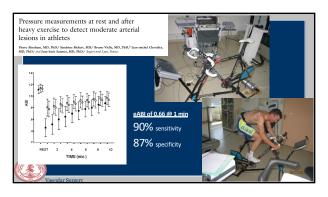
 - Arteriography: stenosis of Iliac artery
 - Rx: endarterectomy, shortening of artery
- 1990: Rousselet et al (Hum Pathol)
 - 23 cyclists, same symptoms and test results
 Pathology: stenotic intimal thickening

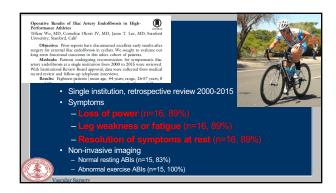
Epidemiology

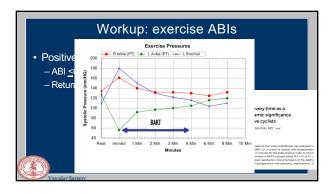
- Most commonly associated with cyclists
 Most cycle 8000-30000 km/year
 Avg 150,000 km

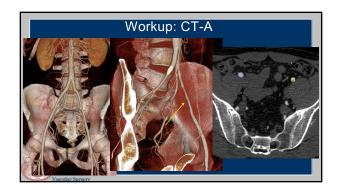
 - Avg age at onset of sx: 25Avg age started cycling: 17
 - M>F
 - Avg time sx → dx: 3 years
- Also seen in speed-skaters, runners, soccer players

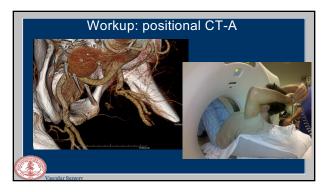












		Results		
	1 Year	Latest Follow Up (mean: 72 months)		
Overall	17 (94%)	15 (83%)		
Patch Angioplasty (n=9)	9	9		
Shortening (n=4)	4	3		
Bypass (n=5)	4	3		
Inguinal Ligament Release (n=13)	13	13		
Occluded at Presentation (n=3)	2	Activity level		(n=18
		Return to prior elite per	formance level	56%
		Return to "high" performance level		89%
		Currently active (6 year	follow-up)	89%
		Currently active in same sport		78%
		Currently competing		33%
Vascular Surgery	_	Currently symptom free		56%



