FEAToolbox	EAToolbox setup variables for Blood Flow Simulation		
Select space Dimensions - 2D Space Dimension Names - \times y Select Physics - Namer-Stokes Equations Namer-Stokes Equations $\rho(u' + (u \cdot \nabla h) = -\nabla \rho + \nabla \cdot (\mu(\nabla u + \nabla u')) + F \nabla \cdot u = 0$			
		Depandent Variable Warnes -	
		Geometry details (Artay)	* For Athenoscensis add on
type: rectangle	ellipse outo the artery.		
tag: RI	ow be		
ocmin: 0	· allipse gesmetry		
mes 2.2	cents - 0.2274 ().1		
Ymin; O	*radius - 0.10423		
ymax 0.41	9 radius - 0.1		
Grid size	Geometry details (Veins)		
grid size = 0.02			
5 0 0 0 0	duin: 0		
Equation settings	x mox 2.2		
(p) density: 1	ymus: 0		
(m) uscosity: 0.001	9mox '0.82		
Boundary settings			
barndan ? Najon stokes a	oton (Outlook) (000)		
Coundary 4 Navior Andres	ation (Outflow/pressure) p=p (p=0)		
7 100 25 25	resident frequency u=v		
FEM Discetization: second order	u = 4°0.3° (y °(0.41-y)/0.41		
conforming stokes Clement	V _O = O		