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ramazani@sharif.edu

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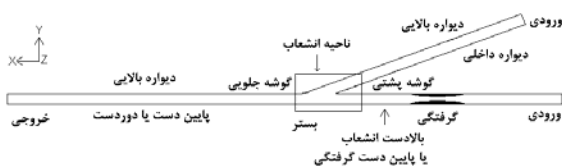
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¹ Arthrosclerosis
⁵ Hemodynamical Factors
⁹ Hughes and How
¹³ Proximal
¹⁷ Bypass

² Coronary
⁶ Inzoli
¹⁰ End-to-Side
¹⁴ Toe
¹⁸ Gambit

³ Carotid
⁷ Fei
¹¹ Gideon
¹⁵ Heel
¹⁹ Left Anterior Descending

⁴ Femoral
⁸ Grafting Angle
¹² Ethier and Steinman
¹⁶ Distal
²⁰ Graft

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$$\frac{\partial}{\partial t}(\rho u_i) + \frac{\partial}{\partial x_j}(\rho u_i u_j) = -\frac{\partial p}{\partial x_i} + \frac{\partial \tau_{ij}}{\partial x_j} \quad ()$$

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$$\tau_{ij} = \left[\mu \left(\frac{\partial u_i}{\partial x_j} + \frac{\partial u_j}{\partial x_i} \right) \right] \quad ()$$

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$$\frac{\partial}{\partial x_i}(\rho u_i) = \frac{\partial}{\partial t} \rho \quad ()$$

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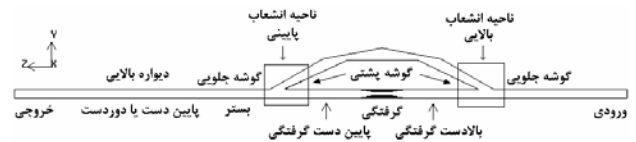
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□

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$$(U_y \ U_x) \ y \ x$$

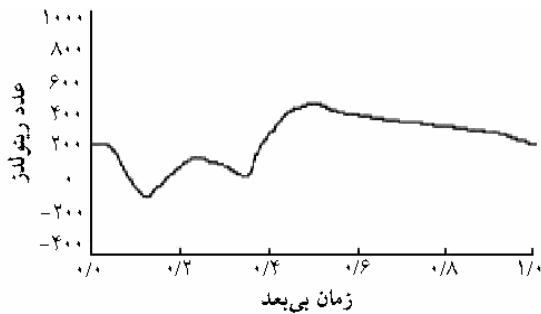
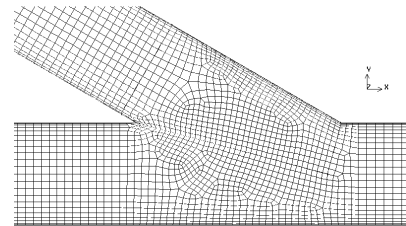
z

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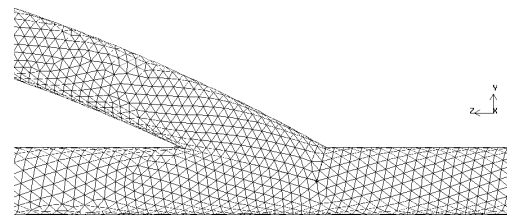
C

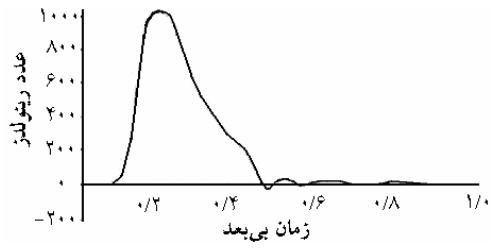
$$U_x = U_y = 0,$$

$$U = U_z$$



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 (U_n)

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$$U_t = 0$$

$$U_x = U_y = U_z = 0$$

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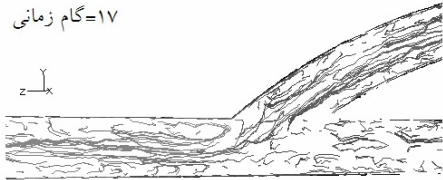
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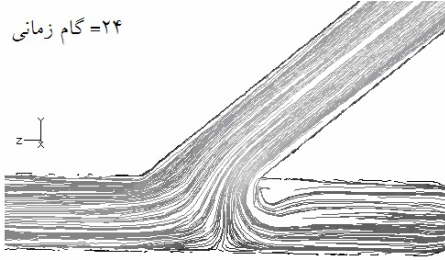
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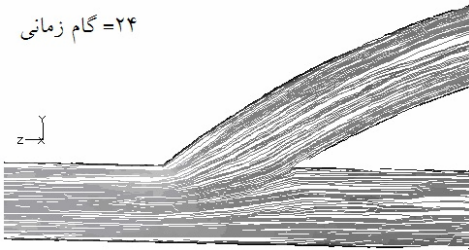
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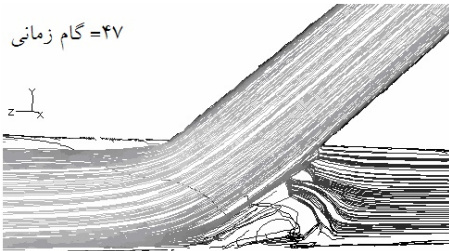
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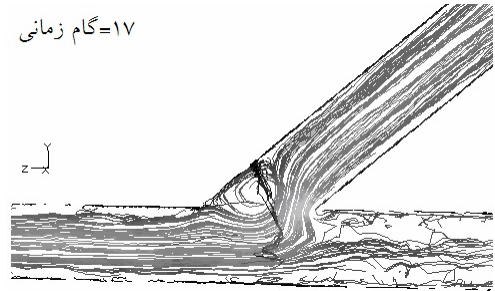
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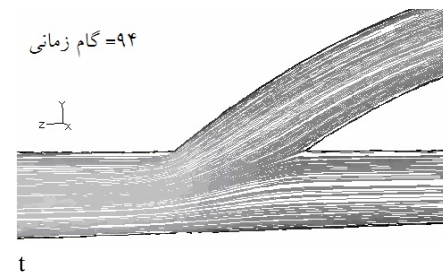
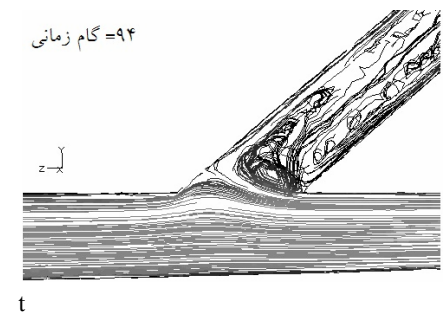
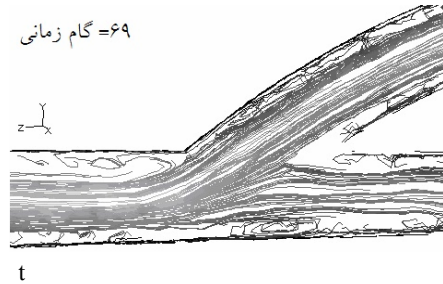
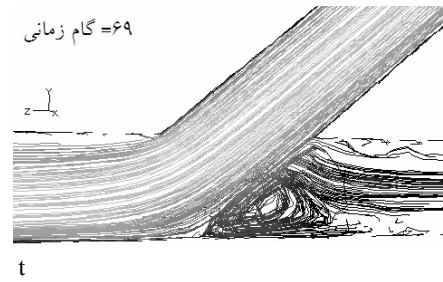
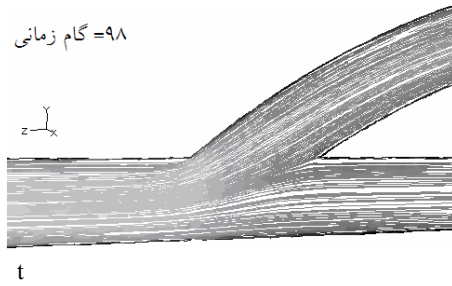
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