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Flow Simulation of L-Coronary Artery

Division: Life Sciences

Category: Senior

Region: Toronto

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Abstract: A computational fluid dynamic simulation was performed to establish significant flow differences between atherosclerotic and normal coronary artery models. This simulation examines biological implications and looks at clot formation in block model. After considering current procedures, non-invasive strategies, such as targeted drug delivery and interactions with pulsatile flow were modeled.