







Brian Le

A Bloody Network: Traffic Control for the Arteries

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Division:	Life Sciences
Category:	Intermediate
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Abstract:	The purpose of this project is to develop a computerized system which determines the optimal way to relieve arterial clogging using patient-specific information. This system will integrate information of the main arteries into Microsoft Excel and simulate blood flow. I hope to provide doctors with an effective way to determine optimal procedures by using this system to perform train-and-error and, sensitivity analysis prior to surgery.



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