



Dynamic Agent Injection For Cardiovascular Characterization

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The Invention

Aspects of the disclosure are directed to methods and/or apparatuses involving modifying flow and/or concentration of an agent being injected for characterizing a vascular system. As may be implemented in accordance with one or more embodiments, a liquid including an agent is injected into a vascular system, by dynamically modulating a flow rate of the agent being injected over a range of flow rates. The vascular system is characterized based on a response of the vascular system to the dynamic modulation. In some implementations, such an approach involves using an injector that operates to separately control the rate at which an agent and other liquid such as saline are injected. These approaches can be implemented with modulation schemes using one or more of a variety of functions.

Additional Information

For More Information About the Inventors

- [Michael Speidel](#)

Tech Fields

- [Medical Imaging : X-ray](#)

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846