

Technology: [System for analysis of complex rhythm disorders](#)

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Inventor: Sanjiv Narayan

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Contact

Lee Sylvers, PhD

lee.sylvers@va.gov

202-443-5646

Abstract

A system to detect a cause of a complex rhythm disorder in a human heart includes a plurality of sensors disposed spatially in relation to the heart, where the signals generated by the sensors are associated with activations of the heart. A processor collects and analyzes the signals to identify a region of the heart having an activation trail that is rotational or radially emanating, where the activation trail is indicative of the complex rhythm disorder and is based on activation times associated with the activations of the heart.