Magnetic Resonance Innovations

"Your Partner in brain image analysis"

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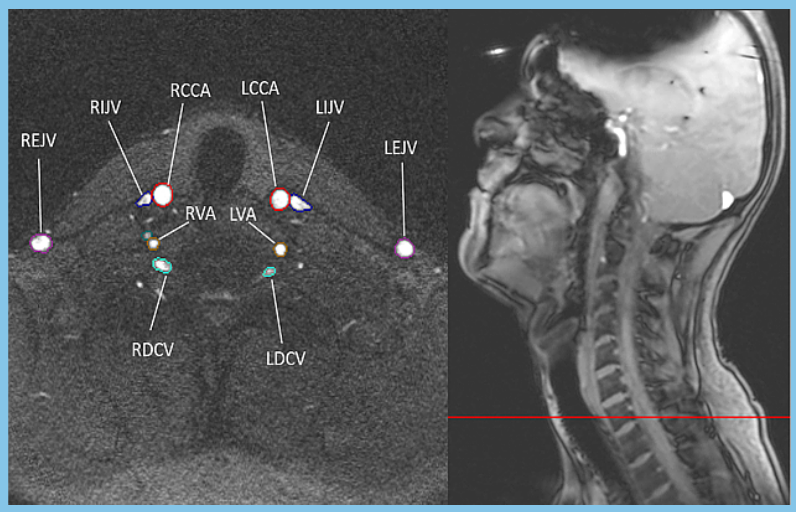
FLOW Quantification

SPIN FLOW is our advanced flow quantification module for processing phase-contrast MRI data. SPIN FLOW provides fully automatic segmentation & labeling of all major vessels in the neck and generates corresponding flow measurements. With a single click of the button, SPIN FLOW creates a comprehensive flow report including plots for individual vessels and their corresponding error analysis information.

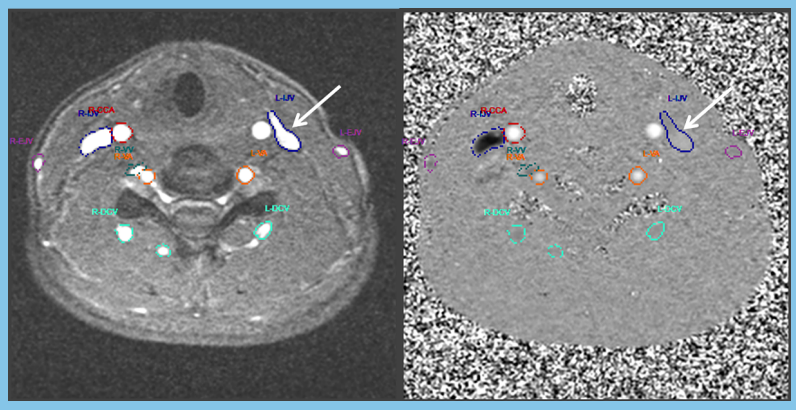
The whole process takes less than five minutes on a regular standalone workstation.



Features and Clinical Use

FEATURES:

* Fast (<5 minutes), objective, and accurate results
* Automatic vessel labeling
* Automatic segmentation of the lumen of the vessel
* Vessels' cross sectional area (CSA) mapping
* Automatic aliasing correction
* Flow error analysis for each vessel
* Standalone or plug-in tool on various workstations



CLINICAL USE:

Stroke, Atherosclerosis, and Cardiovascular diseases