

AngioViz

Visualize Vascular Flow

A Digital Subtraction Angiography (DSA) generates an array of vascular flow data. Comparing and synthesizing information contained from different sequences to arrive at a confident diagnosis may be difficult and time consuming.

What's new

- Displays a DSA series in one color image.
- Automatically synchronizes different DSA series for flow comparison
- Analyze complex flow pattern of several anatomical regions



Overview

AngioViz summarizes in a single image critical information contained in a DSA time series facilitating understanding of vascular flow.

With AngioViz, you can easily compare different DSA series with just a glance.



Visit us:

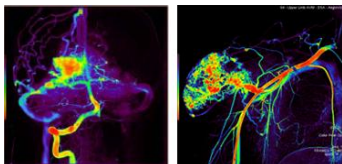
www.gehealthcare.com/aw/applications/angioviz/



Features

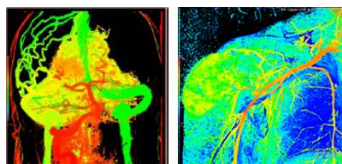
AngioViz facilitates understanding of vascular flow by displaying a DSA series in a single color-coded image of :

- **Peak opacification:** Shows the peak intensity reached by each pixel over time. Shows arterial and venous anatomy and flow together or separately.



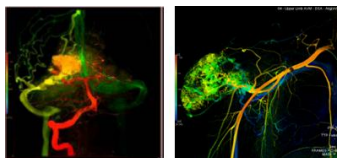
Cerebral AVM (left), Shoulder AVM (right).

- **Time to peak:** Displays the time at which each pixel reaches its peak intensity.



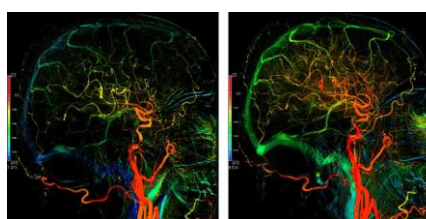
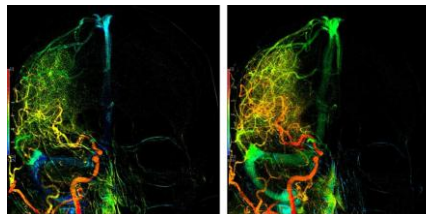
Cerebral AVM (left), Shoulder AVM (right).

- **Time to peak fusion:** Combines time to peak and peak opacification parameters. Colors indicate time to peak; intensity indicates peak opacification. Demonstrates both vascular flow and opacification level in a single image.



Cerebral AVM (left), Shoulder AVM (right).

AngioViz automatically synchronizes different DSA series for flow comparison of pre- and post-interventional runs.



Pre-stent images (left).
Post-stent images (right).

AngioViz's intuitive interface lets you analyze complex flow patterns of several anatomical regions in a single click.

System Requirements

- AW VolumeShare 5 or higher

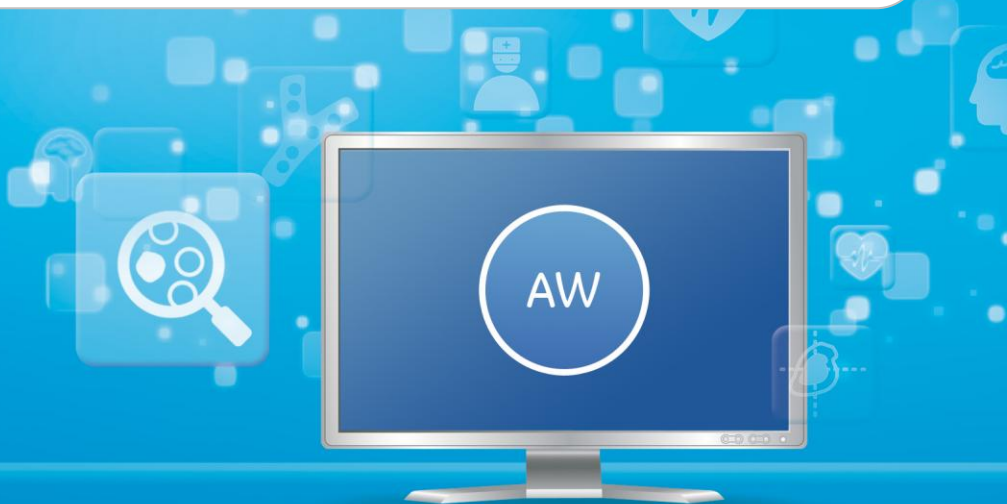
Indications for Use

AngioViz is an application which produces from a DSA series parametric images representing maximum opacification, time to peak and combinations of those, to enable the user to more easily visualize characteristics related to vascular flow.

The AngioViz application can be used to process DSA image data from any location in the human body for which DSA imaging is used.

Regulatory Compliance

This product complies with the European Council Directive 93/42/EEC Medical Device Directive as amended by European Council Directive 2007/47/EC.



GE imagination at work