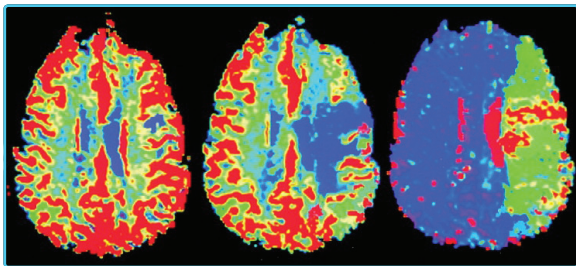


*Imaging based eligibility, safety, and efficacy endpoints play a key role in the design of stroke clinical trials. Furthermore, the introduction of quantitative imaging endpoints and automated image processing enables high throughput analysis and adds valuable data in support of faster registrations.*



Perfusion maps

Visit [bioclinica.com](http://bioclinica.com) to learn more.

### Expert Independent Image Review

Board-certified Neuroradiologists assess image data for eligibility criteria, safety findings, and efficacy endpoints. Centralized image review can significantly increase trial efficiency and minimize costs. Data are made available to sponsors in real-time enabling faster patient monitoring and trial decisions.

### Site Standardization and Image QC

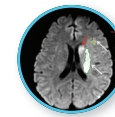
Bioclinica ensures high quality, reproducible imaging data by minimizing site variability, providing vendor and model specific acquisition parameters, and applying rigorous quality control measures.

### Tissue injury: Computed Tomography (CT) / Magnetic Resonance Imaging (MRI)



#### • Qualitative Image Analysis

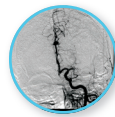
- inclusion/exclusion criteria confirmation
- hemorrhage
- ischemic changes
- ASPECTS rating
- swirl sign/spot sign



#### • Quantitative Image Analysis

- infarct volume
- hypo-perfusion volume
- edema volume
- hemorrhage volume
- diffusion tensor imaging
- magnetization transfer

### Vessel injury: CT Angiography (CTA) / MR Angiography (MRA) / X-ray Angiography



#### • Qualitative Image Analysis

- inclusion/exclusion criteria confirmation
- clot location, clot properties (length, density)
- degree of stenosis
- modified TICl scale

- collateral flow
- AOL scale
- vasospasm