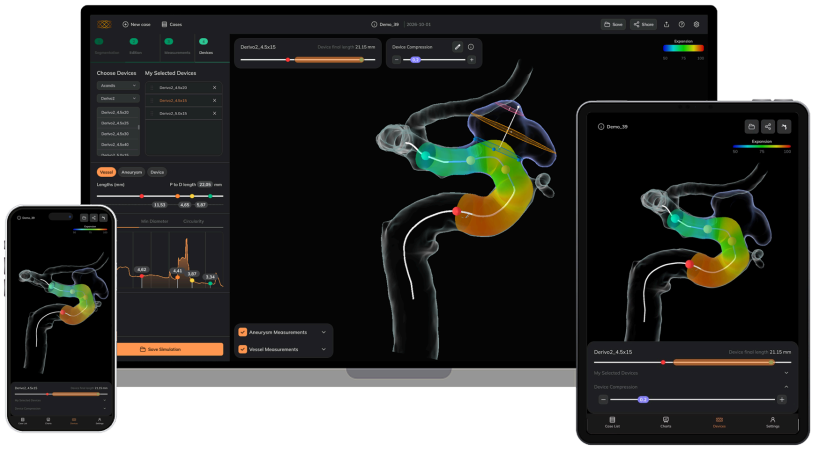
CLINICAL DECISION SUPPORT SOFTWARE

Ankyras®

Peace of mind when planning aneurysm treatments.

Flow diverter planning rarely comes down to a single measurement. In tortuous anatomy, foreshortening and landing can stay uncertain until you are at the table. Ankyras® simulates flow diverter deployment on the patient's 3DRA so you can compare devices, explore scenarios, and align your team before the procedure. Step into the angio suite with a more precise plan and peace of mind.



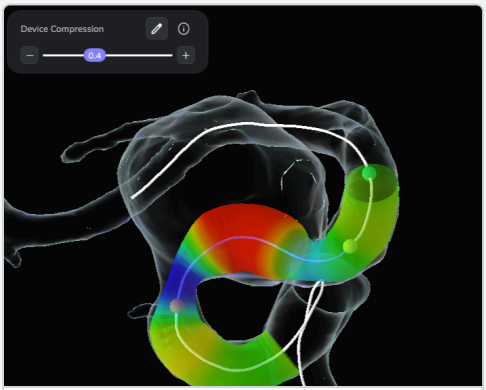
Key benefits

- **Plan in patient-specific anatomy**
  Simulate flow diverter deployment on patient 3DRA before the procedure for sizing, landing zone, and strategy.
- **Clinically validated simulation**
  Retrospective validation: 92% accuracy for final flow diverter length and proximal landing position.
- **Connected cath lab workflow**
  Transfer imaging easily with DICOM Node, and send simulation back to PACS for overlay on compatible angio suite systems.
- **Collaborate across the team**
  Share simulation with a link to open in web or mobile, so peers, fellows, and device specialists review the same plan.
- **Rehearse your deployment**
  Export the case to Mentice VIST® for virtual hands-on simulation, or download to build a flow model.

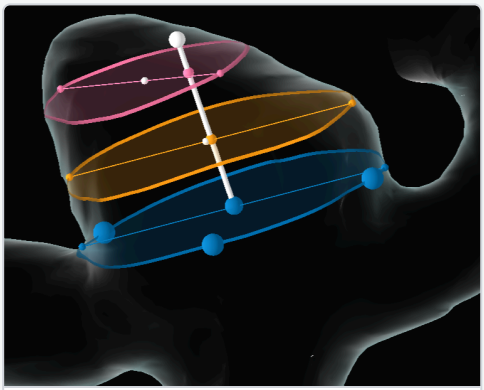
Features

- Interactive aneurysm and vessel morphology measurements
- Flow diverter sizing with validated foreshortening algorithm
- AI aneurysm detection and device compression scenarios
- Explore expansion, porosity, and telescoping scenarios
- DICOM Node and PACS export for compatible angio suite overlay
- Web, desktop (Windows & macOS), mobile, and case sharing

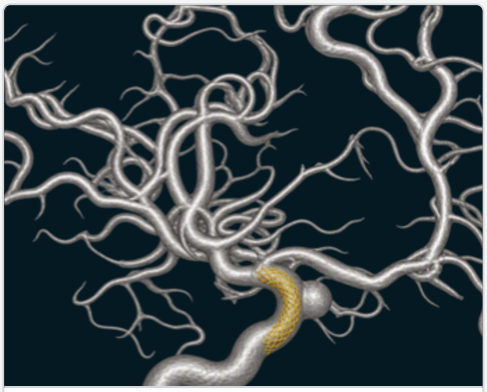
Highlights



Sizing & deployment scenarios
Compare device sizes with validated foreshortening and explore compression and deployment scenarios in patient anatomy.



Morphology measurements
Interactive aneurysm and vessel morphology measurements on patient 3DRA to support device selection and strategy.



Planning overlay
Send the simulation back to PACS for subsequent overlay visualization on compatible third-party angio suite systems.

Designed for

Interventional neuroradiologists & neurovascular teams · Medical device industry field & clinical education teams

Requirements

3DRA, MRA or VTK model · Network for web/mobile & DICOM Node (where used) · Windows, macOS, iOS, or Android

FDA 510(k) · CE (MDR) · UKCA · ANVISA. Mentice Spain S.L., ISO 13485. © Mentice AB · Ankyras® is a registered trademark. HCP use only; see IFU.