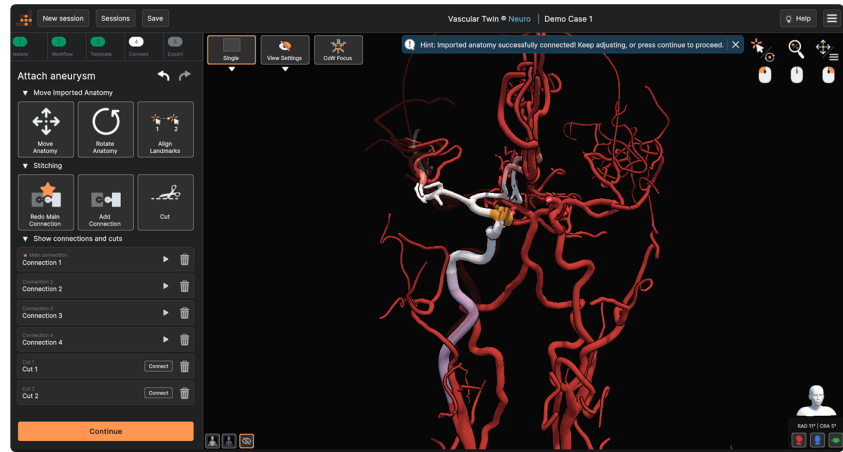


PATIENT-SPECIFIC SIMULATION

Vascular Twin® Neuro

Prepare for the Aneurysm in Front of You.

No two cerebral aneurysms are the same. Now, for the first time, you can practice the exact anatomy you are about to treat — before you ever enter the angio suite. Vascular Twin® Neuro converts real patient DICOM data into hands-on simulation cases on VIST®, building familiarity, reducing uncertainty, and helping your team step into complex procedures prepared.



Key Benefits

- > Train on real patient anatomy**
 Create simulation cases from real patient anatomies to make rehearsal and preparation more relevant to the actual anatomical variation.
- > Build experience beyond case volume**
 Import and share cases across institutions to expand exposure to rare anatomies and less frequent encountered case types.
- > Rehearse in a patient-free environment**
 Give junior physicians the opportunity to rehearse, refine technique, and build readiness in a safe, patient-free environment.
- > Prepare with confidence for complex procedures**
 Improve familiarity, reduce uncertainty, and strengthen team readiness for complex procedures before entering the angio suite.
- > Deliver more relevant physician training**
 Build sessions around patient anatomy to create training that is better aligned with case complexity, procedural variation, and real clinical practice.

Features

- 
Simulation case from real patient data, ready in 5 min
- 
Hands-on haptic rehearsal on the VIST® simulator
- 
Share cases with any VIST® user worldwide
- 
Coil embolization and flow diverter procedures supported
- 
Web-based — no software installation needed
- 
HIPAA & GDPR compliant data processing

How it works



01

Export DICOM from PACS
 Standard 3DRA DICOM export from your hospital PACS.



02

Create case in Vascular Twin
 Upload, segment, and build a simulation-ready case in the web app.



03

Run on VIST® or share
 Export to VIST® for hands-on rehearsal, or share instantly with any VIST® user worldwide via Mentice Live.

Designed for

Interventional neuroradiologists & fellows · Fellowship programs & teaching hospitals · Medical device industry training teams

Requirements

Active NV Connect subscription · VIST® G5 or G7 hardware · Standard DICOM / 3DRA export from PACS