SHELLEY MEDICAL IMAGING TECHNOLOGIES

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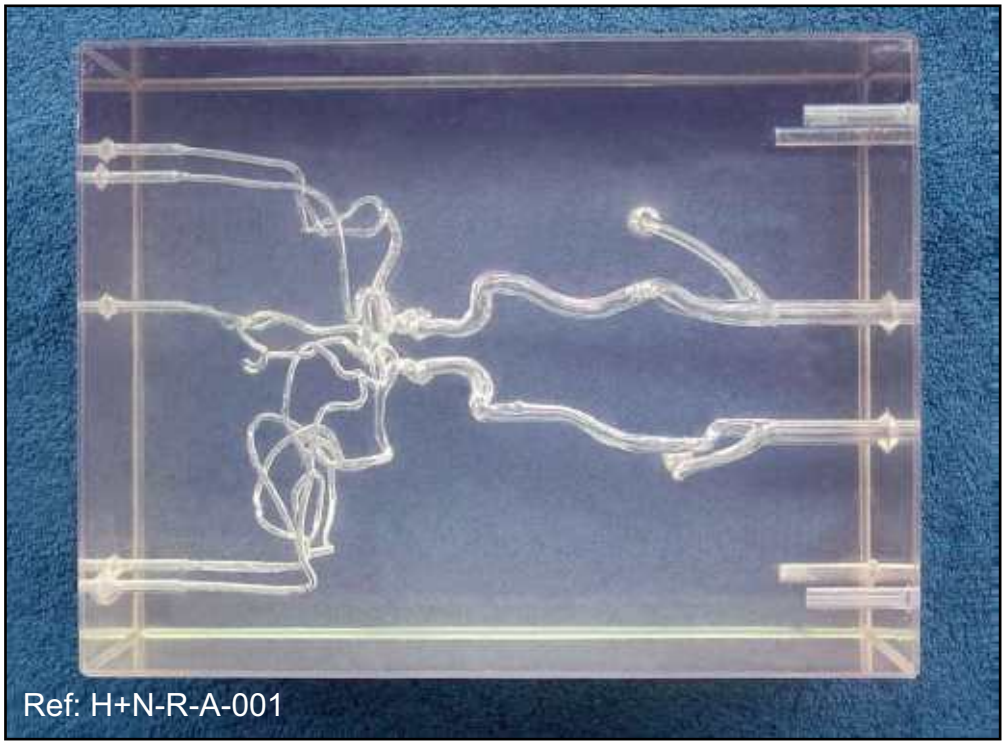
Anterior circulation with anterior communication aneurysm

Ref: H+N-R-A-001 or H+N-R-N-001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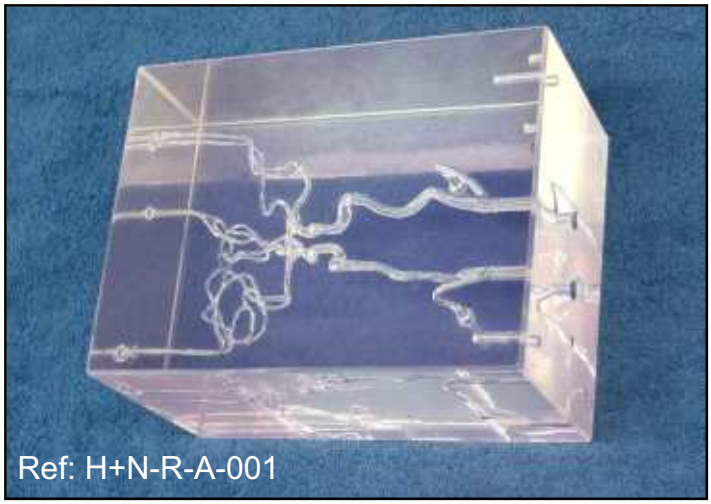
Anterior circulation model with an anterior communicating artery aneurysm. Presence of two large posterior communicating arteries, two posterior cerebral arteries and a large anterior communicating artery with right dominant A1 segment. A saccular aneurysm (neck size 3.5 mm – 4 mm max., aneurysm's diameter 13 mm max. and 11 mm mini.) has been added at the right A1 – anterior communicating artery junction.
The model without the aneurysm is exactly the same as the one pictured here, but without the aneurysm.

Asymmetry of A1 segments is known as a predisposing factor for the development of saccular aneurysms in clinical practice. The precence of this variant in the in vitro model adds to the realism of the aneurysmal disease simulation.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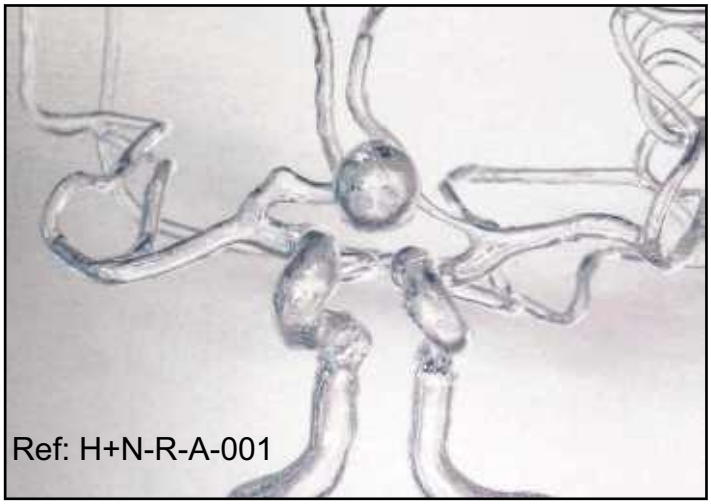
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Our in vitro models respect human anatomy and provide a realistic environment for the development of new products, the simulation of endovascular procedures, pre-surgery training, studies and teaching purposes.

These models are compatible with modern imaging modalities such as digital subtraction angiography, computed tomography and magnetic resonance imaging. Providing the use of an adequate circulating fluid, Doppler techniques can also be performed. The in vitro models transparency to light makes them suitable for video and photographic monitoring.