SHELLEY MEDICAL IMAGING TECHNOLOGIES

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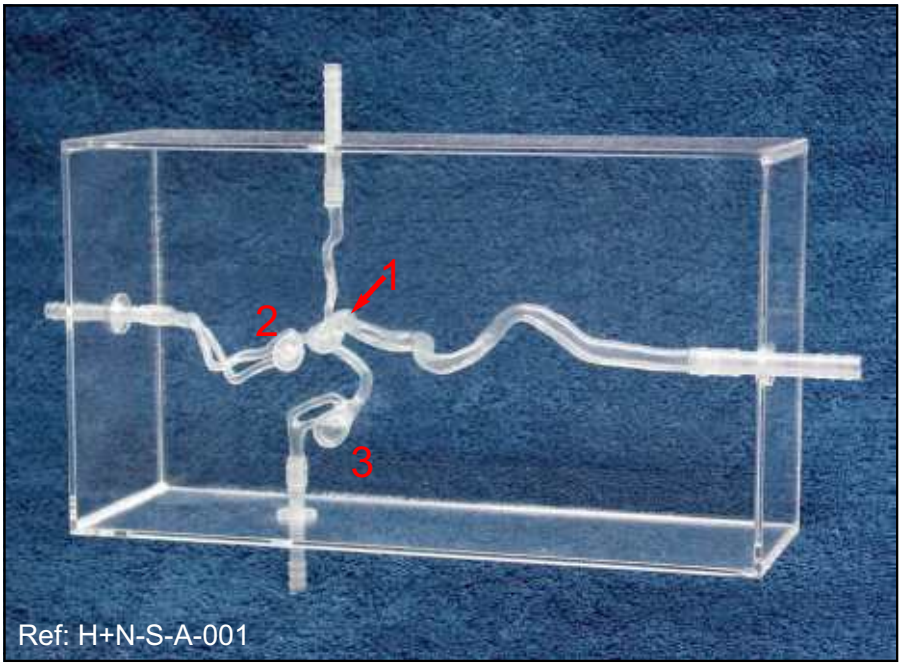
WORLD LEADER
IN ANATOMICAL HUMAN
VASUCULAR REPLICAS

REF: H+N-S-A-001

RIGHT INTERNAL CAROTID ARTERY MODEL WITH THREE ANEURYSMS



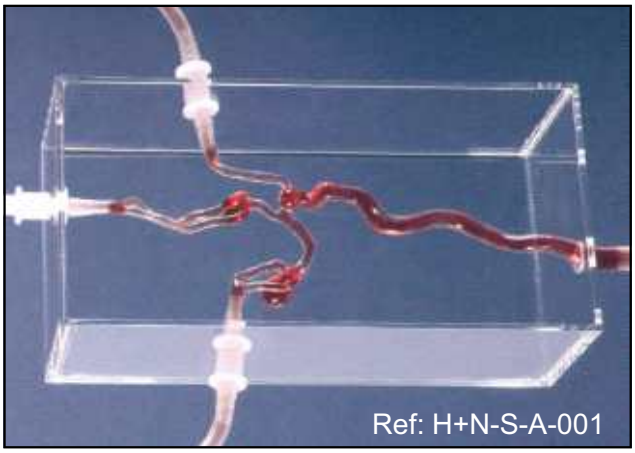
Right internal carotid artery model with three aneurysms.

Aneurysm #1
ø7.5mm, length 9mm, neck 3.5-4.5mm, ø artery 4mm

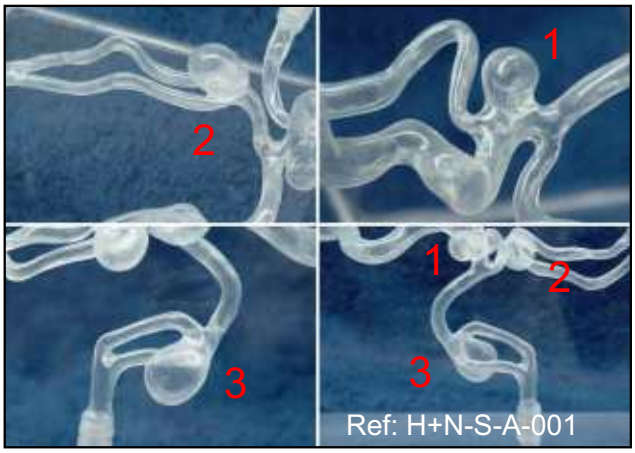
Aneurysm #2
ø10mm, length 12mm, neck 4-6mm, ø artery 3mm

Aneurysm #3
ø10x11.5mm, length 15mm, neck 4-6mm, ø artery 3mm

Our in vitro models respect human anatomy and are designed for the development and demonstration of stents, coils and catheters. They provide a realistic environment for the simulation of endovascular procedures, pre-surgery training, studies and teaching purposes for interventionists.



Example of hemodynamic tests.



The aneurysms one and two are quite round, while number three is almost 50% longer than its diameter.

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.