



SHELLEY
MEDICAL
IMAGING
TECHNOLOGIES

Sales Office

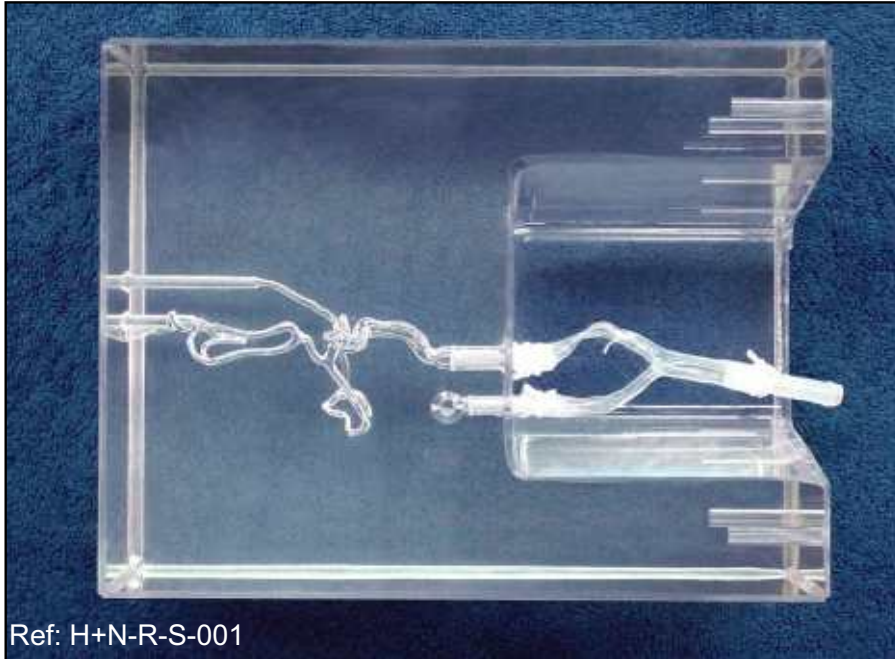
London, Ontario, Canada
Phone: 1 (519) 690-0874
Fax: 1 (519) 690-0875
Email: sales@simutec.com
Web: www.simutec.com

**WORLD LEADER
IN ANATOMICAL HUMAN
VASUCULAR REPLICAS**



REF: H+N-R-S-001

ANTERIOR CIRCULATION WITH ANTERIOR COMMUNICATION ANEURYSM



Ref: H+N-R-S-001

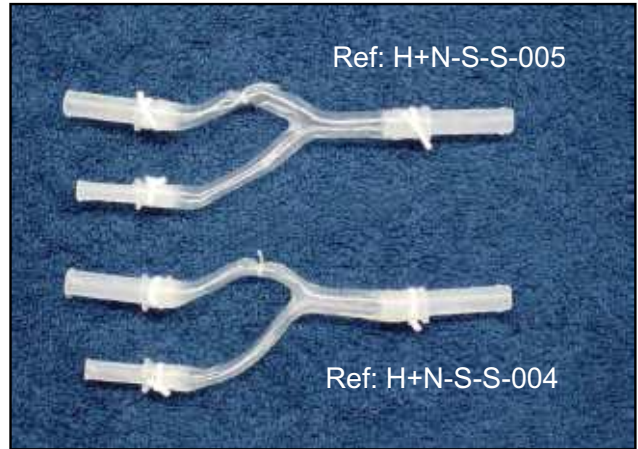
Right carotid artery model with a carotid bifurcation stenosis. This model requires the combined use of an aortic arch model (Ref. T-R-N-001 or T-R-N-002) and a model of the distal right internal and external carotid circulation (Ref. H+N-R-S-001). A segment of a thin-walled soft carotid bifurcation can be interposed in-between the two modules. The bifurcation segment is easily exchangeable and allows for modifications to simulate different degrees of atheromatous stenosis.

The model comes with a quantity of 3 exchangeable bifurcation segments. Refill is by sets of five units (Ref: H+N-S-S-004 or 005). This model satisfies the need for preclinical medical training and device evaluation for PTA and stent use at this level of the vascular tree.



Ref: H+N-R-S-001

Our in vitro models respect human cerebrovascular complexity and provide a realistic environment for the development of new products, the simulation of endovascular procedures, pre-surgery training, studies and teaching purposes.



Ref: H+N-S-S-005

Ref: H+N-S-S-004

The carotid bifurcation comes in two different diameters (4mm Ref: H+N-S-S-004, and 5mm Ref: H+N-S-S-005) on which you can place different stenosis.

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.