



S H E L L E Y  
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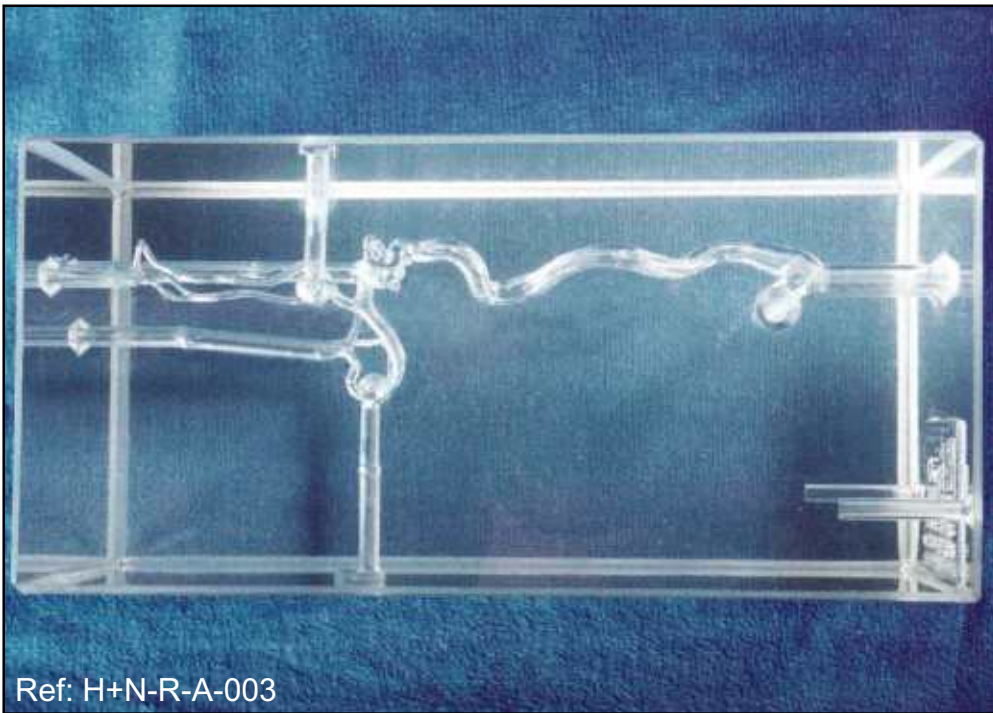
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## Right internal carotid artery with 3 reusable aneurysms

Ref: H+N-R-A-003



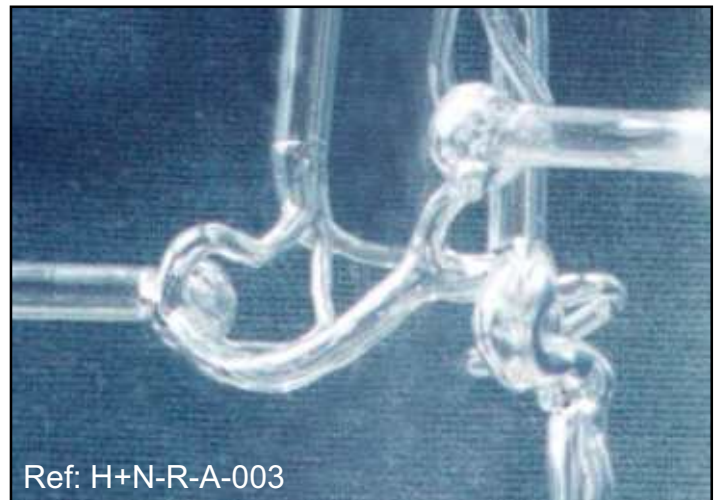
These aneurysms are located on the anterior communicating artery (max. diameter : 9 mm, max neck size : 4 mm), the posterior communicating artery (max. diameter : 8 mm, max neck size : 5 mm) and the bifurcation of the middle cerebral artery (max. diameter : 10 mm, max. neck size : 7 mm). The anterior communicating artery aneurysm presents a small bleb simulating the point of aneurysmal rupture.

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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.



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Direct access to each aneurysm can be obtained after removal of an obturator plugging the connection (2-4 mm funnel) to the model surface. This allows to clear easily the aneurysmal cavity from endovascular treatment devices (coils) after a teaching session.

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.