Comparison of Penumbra Coil 400™ with a 10-system coil in a 7.5 mm spherical glass aneurysm
The Penumbra Coil 400™ Embolization System

Case 1

- Bilateral ICA terminus aneurysms
- Right side: 7.3×7.5×8.3 mm
- Treated with 4 Penumbra Coils
  - 46% packing density
- Left: 6.5×8.6×5.5 mm
- Treated with 3 Penumbra Coils
  - 37% packing density
- Literature reports similar sized de-novo aneurysms treated with 7.6 conventional coils

Case 2

- 28×23×23 mm ICA aneurysm
- 14 Penumbra Coils used
- Physician noted: “This aneurysm would have used over 50 conventional coils”.
- Procedure time: 45 minutes, first to last coil


Images courtesy of Dr. Chavda, University of Birmingham, Birmingham, UK

Images courtesy of Prof. Dr. Doerfler and Dr. Struffert, University of Erlangen, Erlangen, Germany