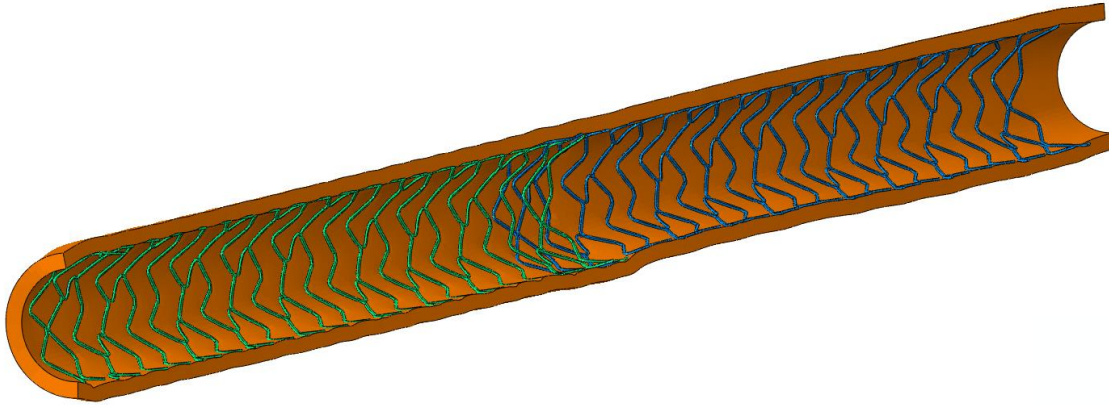
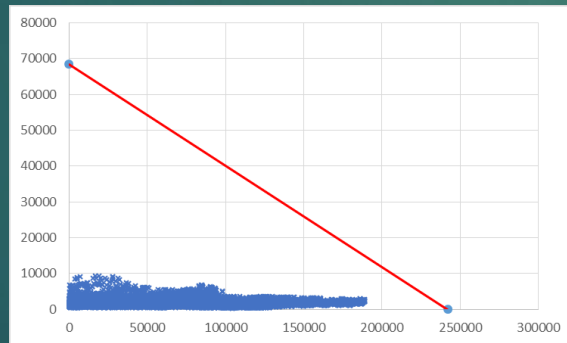


ABAQUS 6.13

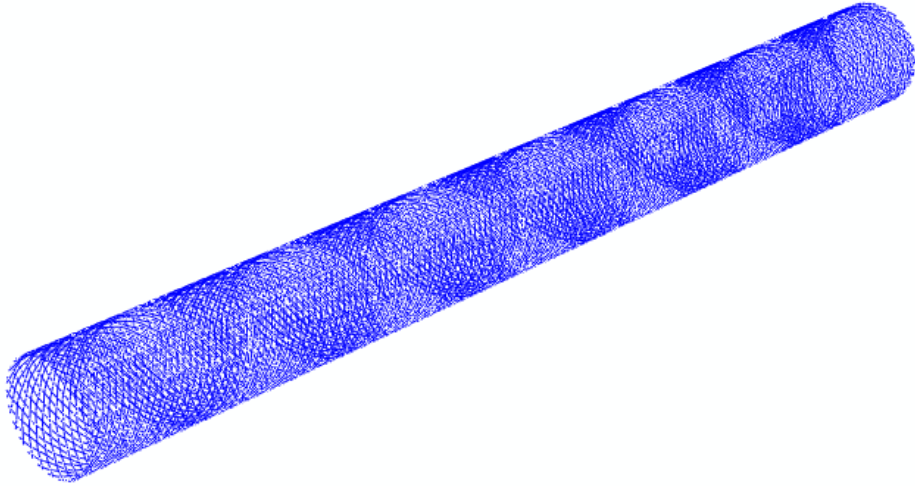


TWO OVER-LAPPED BX-STENTS IN
MOCK VESSEL

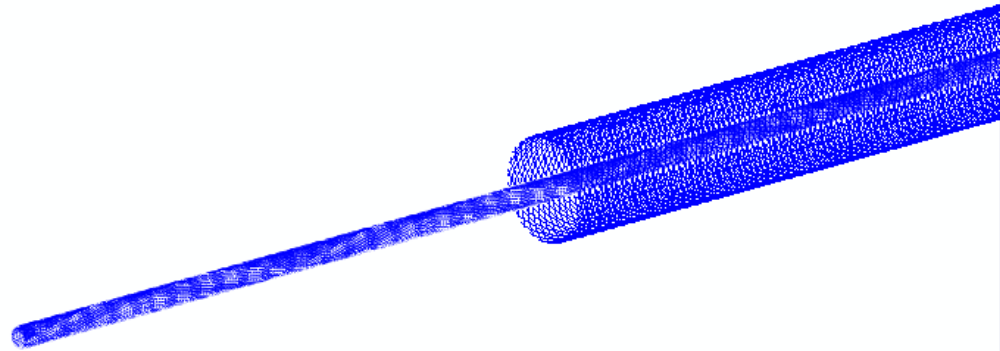


► SE nitinol braided stent - Fore-shortening simulation

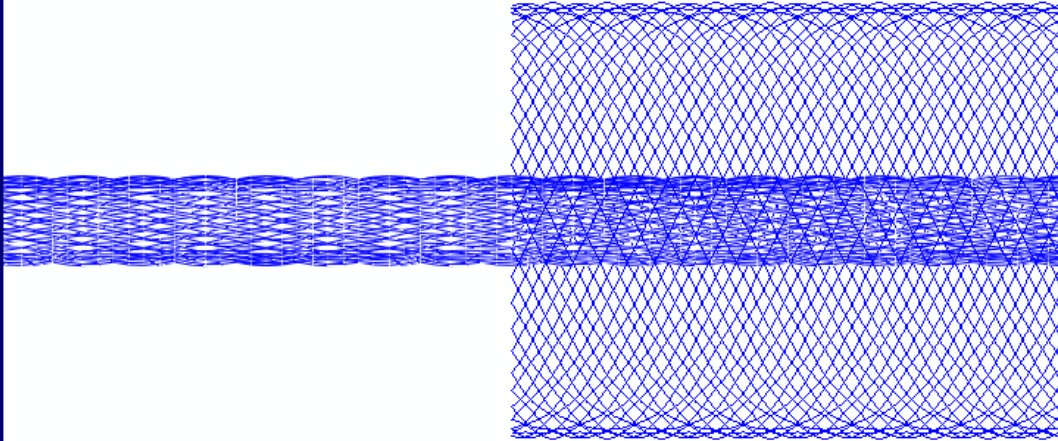
Viewport: 1 ODB: C:/Temp/micro/Previous geometries/rs-4x40mm.odb



Viewport: 5 ODB: C:/Temp/micro/Previous geometries/rs-4x40mm.odb



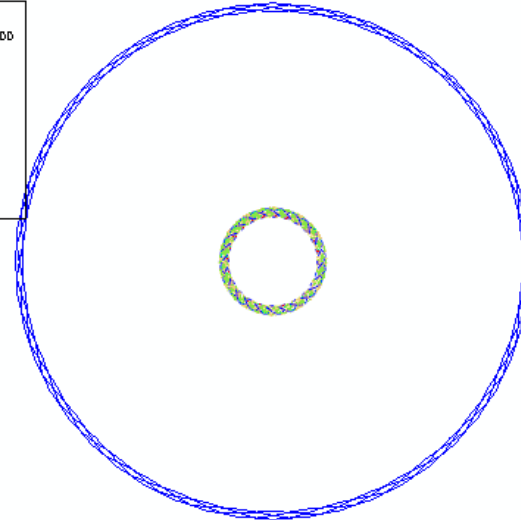
Viewport: 6 ODB: C:/Temp/micro/Previous geometries/rs-4x40mm.odb



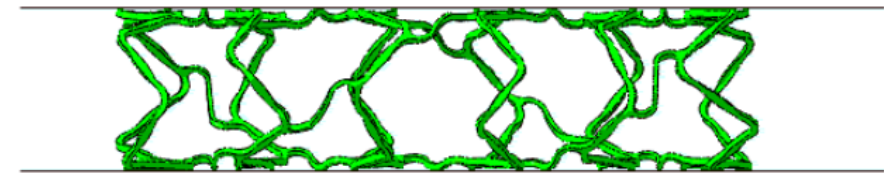
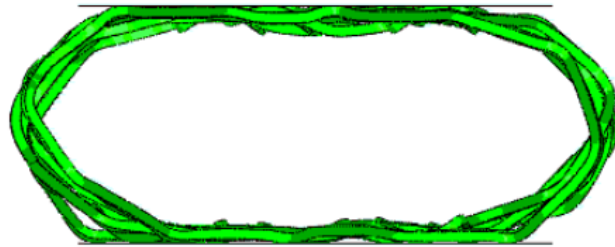
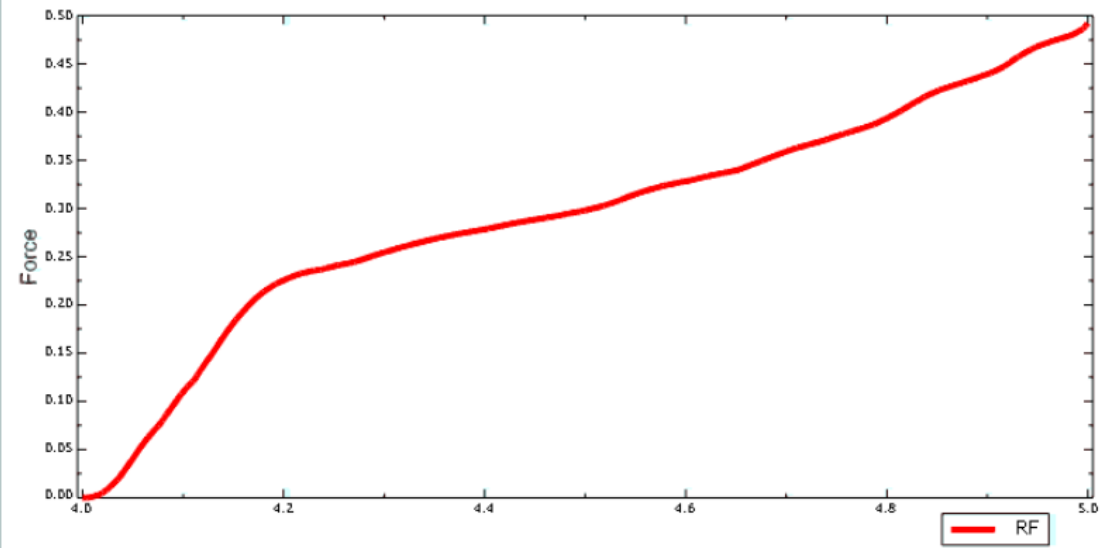
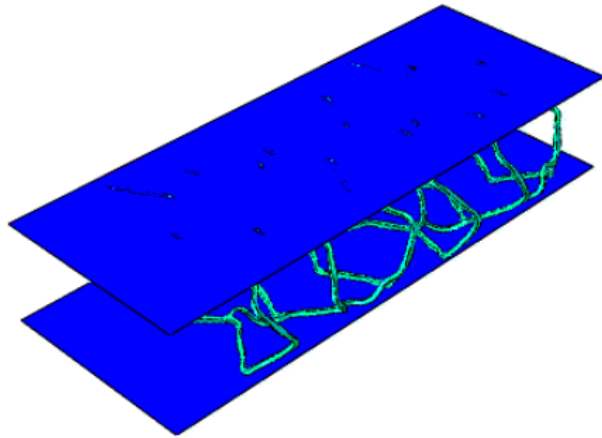
Viewport: 7 ODB: C:/Temp/micro/Previous geometries/rs-4x40mm.odb

S, Mises
Rel. radius = 1.0000, Angle = -90.0000
(Avg: 75%)

Red	+6.874e+D4
Orange	+6.101e+D4
Yellow	+5.728e+D4
Light Green	+5.155e+D4
Green	+4.583e+D4
Dark Green	+4.010e+D4
Teal	+3.437e+D4
Blue	+2.864e+D4
Dark Blue	+2.291e+D4
Very Dark Blue	+1.718e+D4
Black	+1.146e+D4
Black	+5.728e+D3
Black	+7.520e-D7



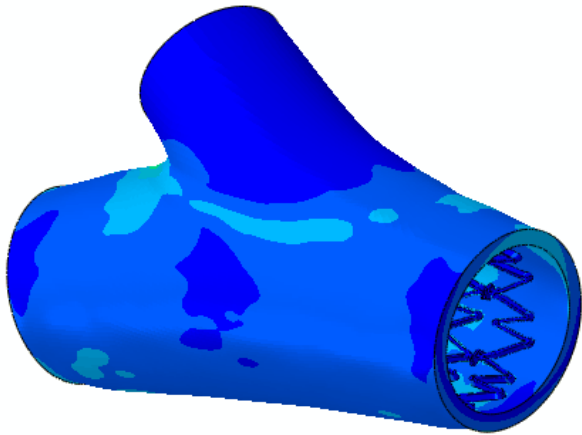
► BX stent - Crush resistance simulation



► SE nitinol stent - Stent-vessel interaction

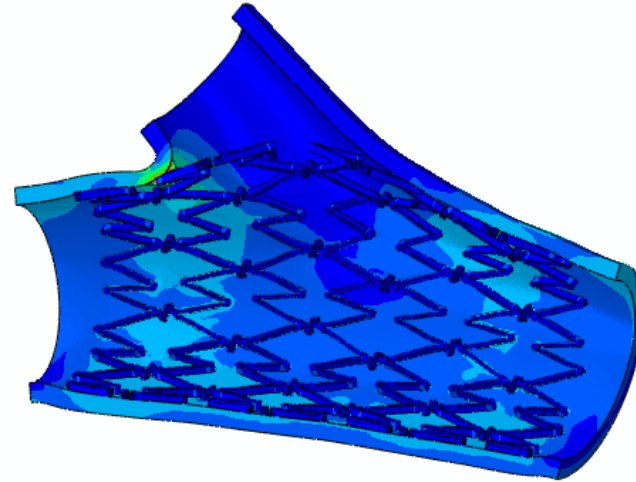
LE, Max. Principal
(Avg: 75%)

+	7.005e-01
+	6.421e-01
+	5.818e-01
+	5.254e-01
+	4.670e-01
+	4.087e-01
+	3.503e-01
+	2.919e-01
+	2.335e-01
+	1.752e-01
+	1.168e-01
+	5.842e-02
+	4.696e-05



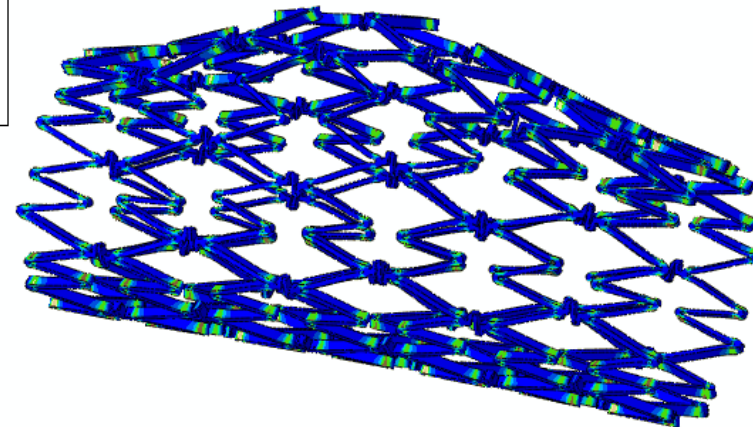
LE, Max. Principal
(Avg: 75%)

+	7.005e-01
+	6.421e-01
+	5.818e-01
+	5.254e-01
+	4.670e-01
+	4.087e-01
+	3.503e-01
+	2.919e-01
+	2.335e-01
+	1.752e-01
+	1.168e-01
+	5.842e-02
+	4.696e-05



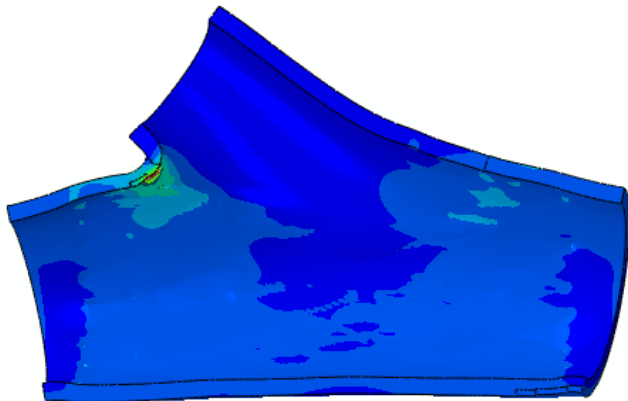
LE, Max. Principal
(Avg: 75%)

+	1.006e-01
+	9.234e-02
+	8.386e-02
+	7.548e-02
+	6.710e-02
+	5.871e-02
+	5.033e-02
+	4.195e-02
+	3.357e-02
+	2.519e-02
+	1.681e-02
+	8.428e-03
+	4.696e-05

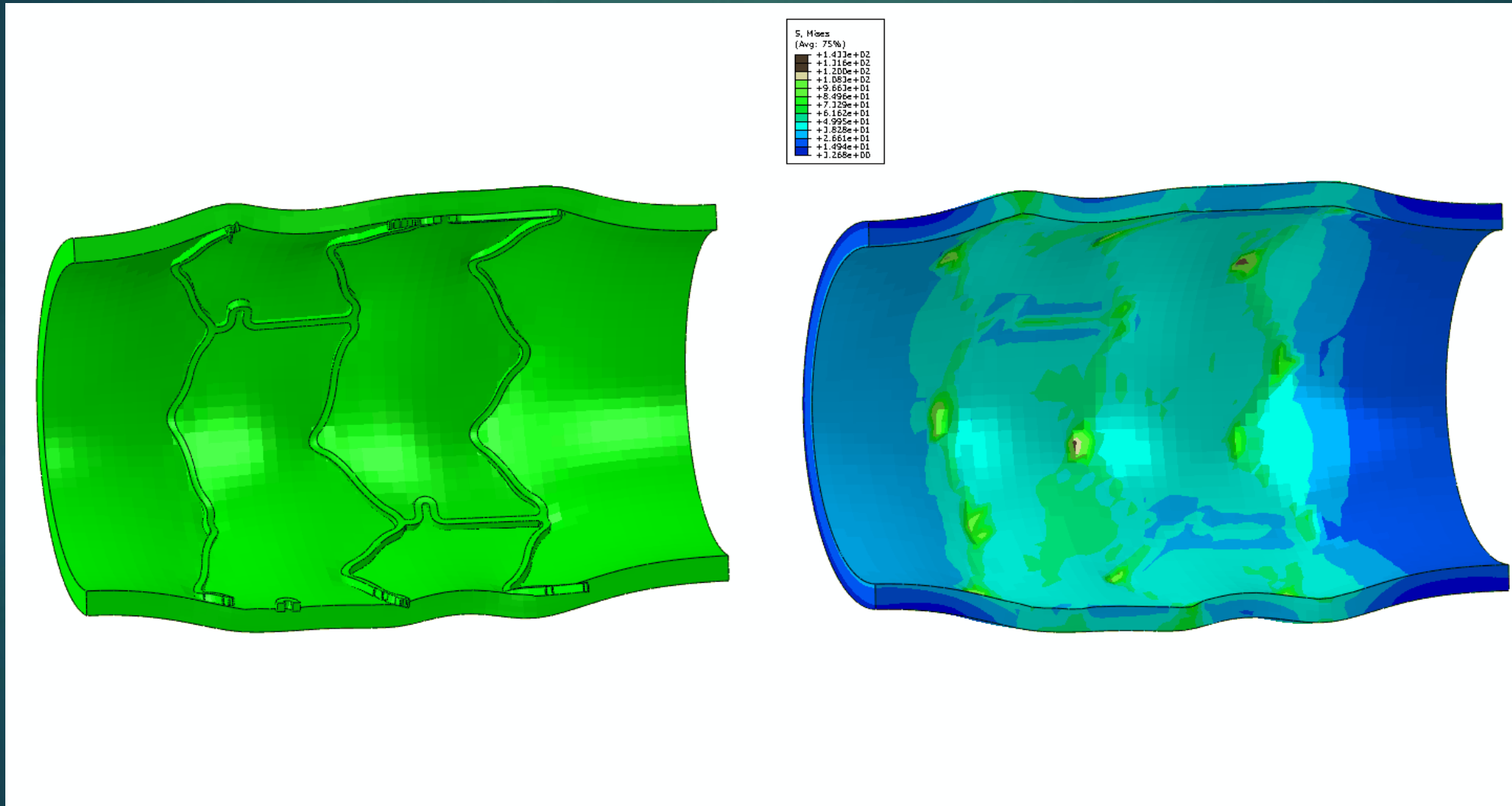


S, Mises
(Avg: 75%)

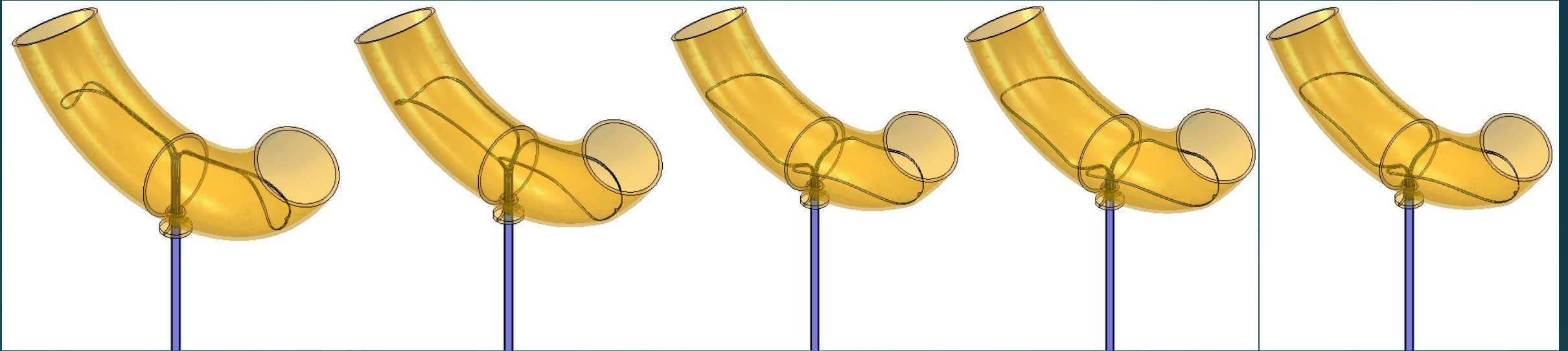
+	4.075e+02
+	3.716e+02
+	3.398e+02
+	3.059e+02
+	2.721e+02
+	2.382e+02
+	2.044e+02
+	1.705e+02
+	1.367e+02
+	1.028e+02
+	6.896e+01
+	3.511e+01
+	1.257e+00



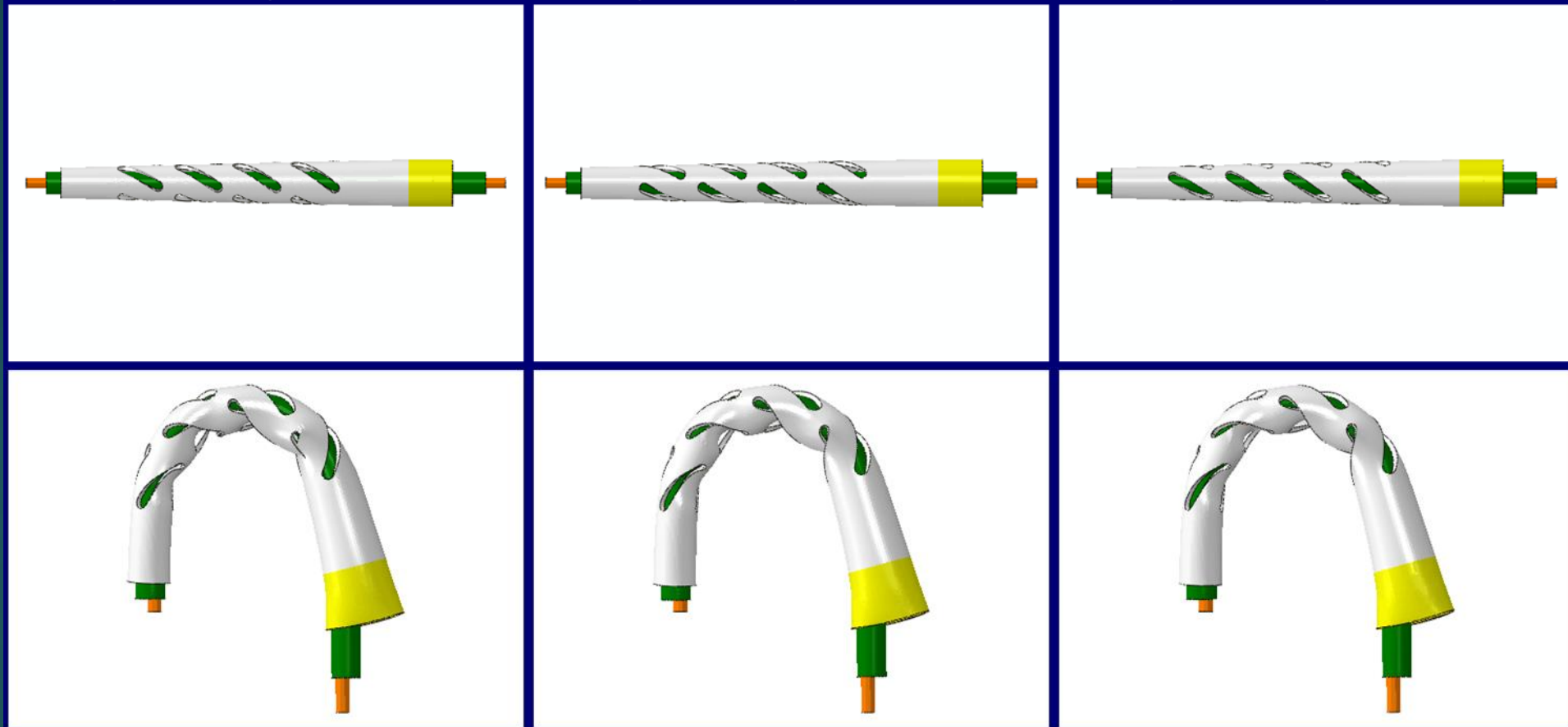
► BX stent - Stent-vessel interaction



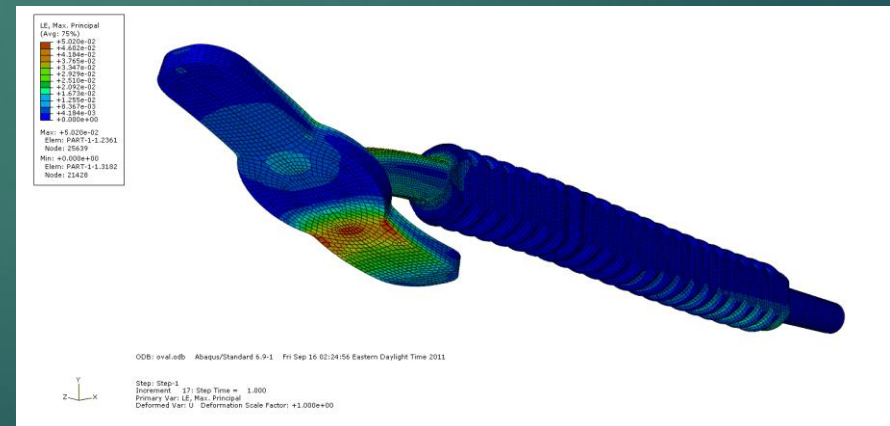
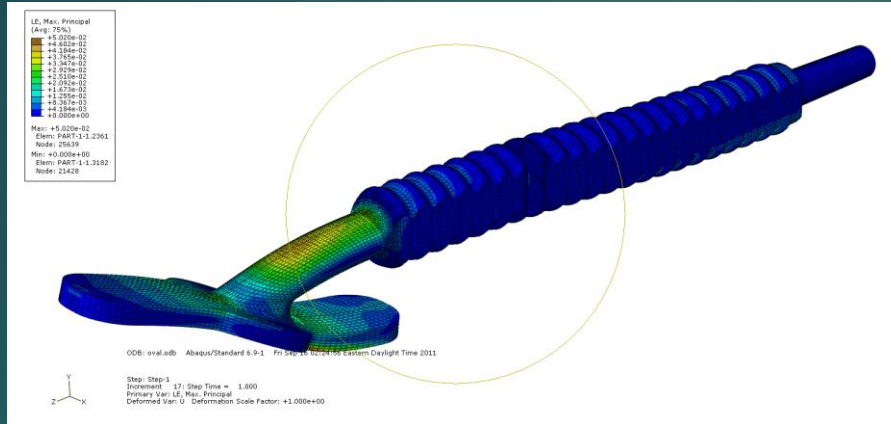
► Embolic protection device



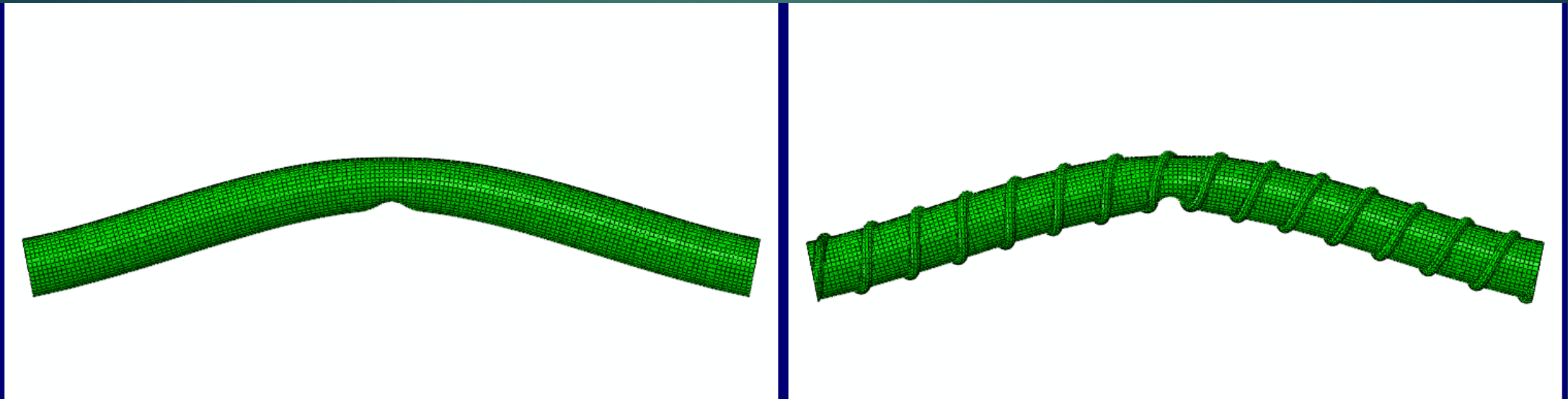
► Drug delivery system



► Bio-degradable Implant



► Synthetic Vessel simulation



► Flexible member Fatigue Simulation

