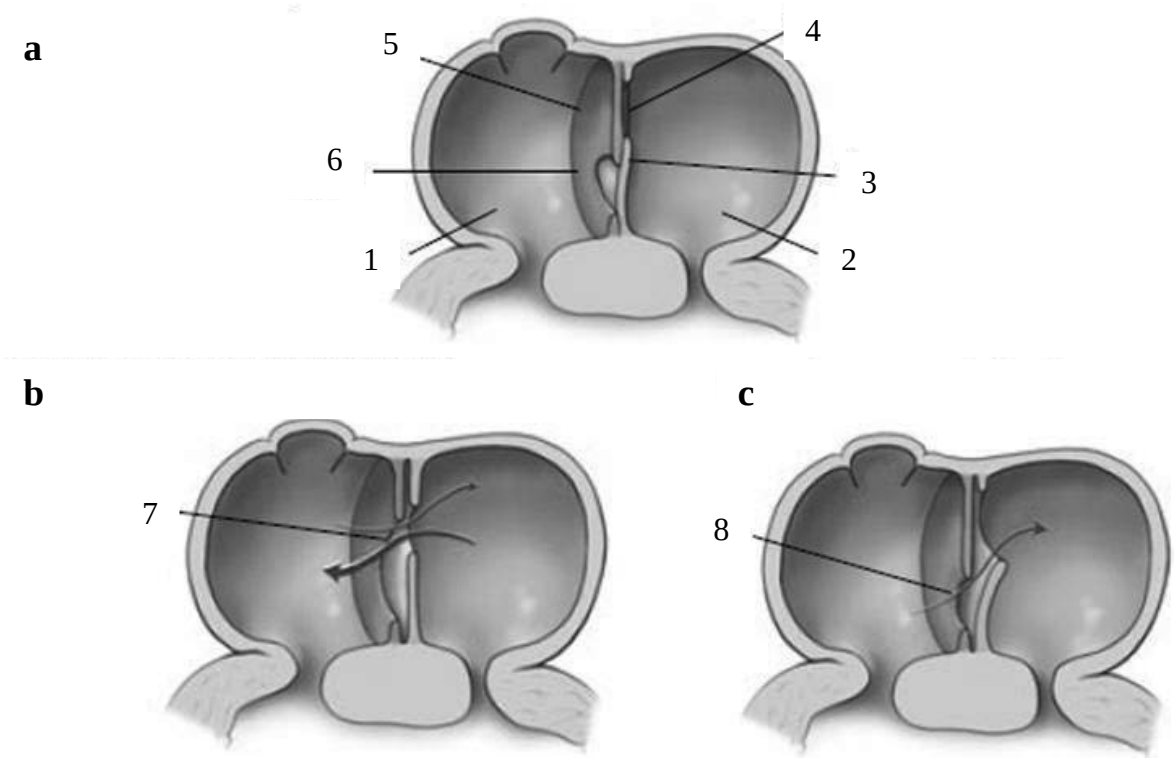


Figure 1

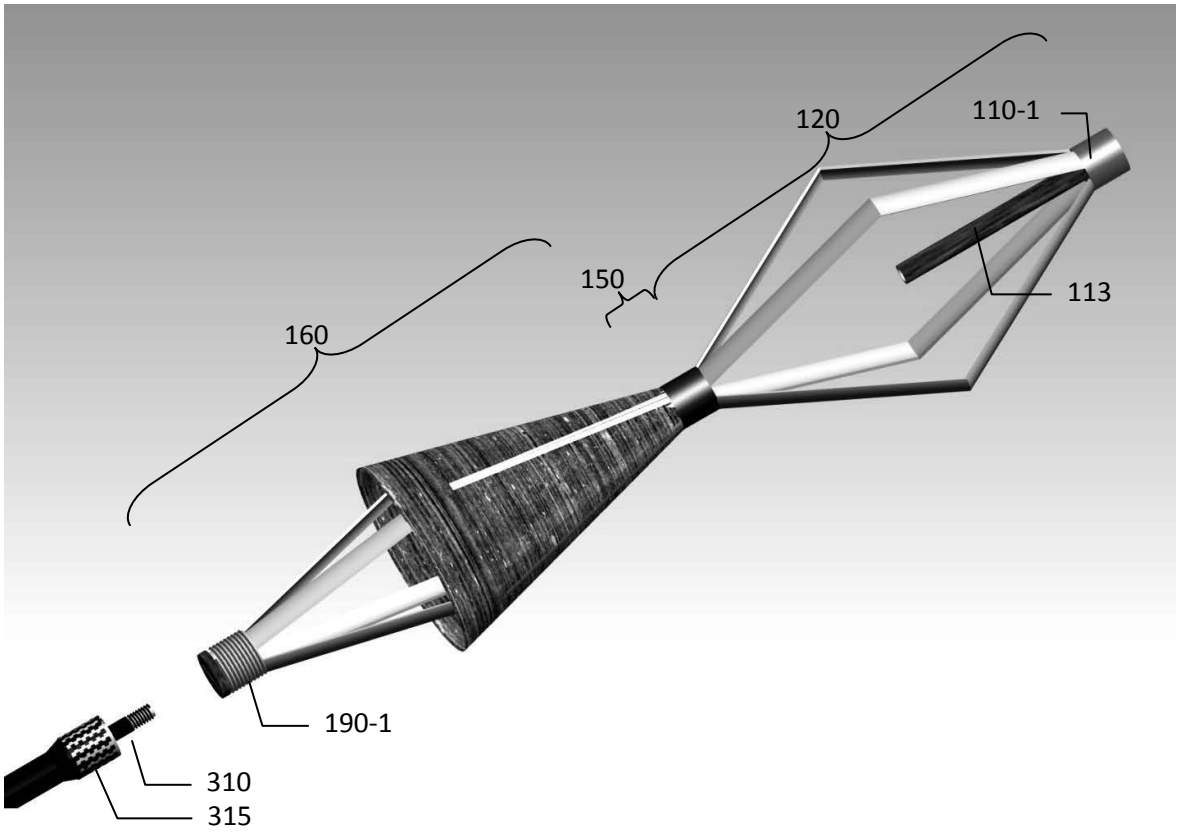


Figure 2

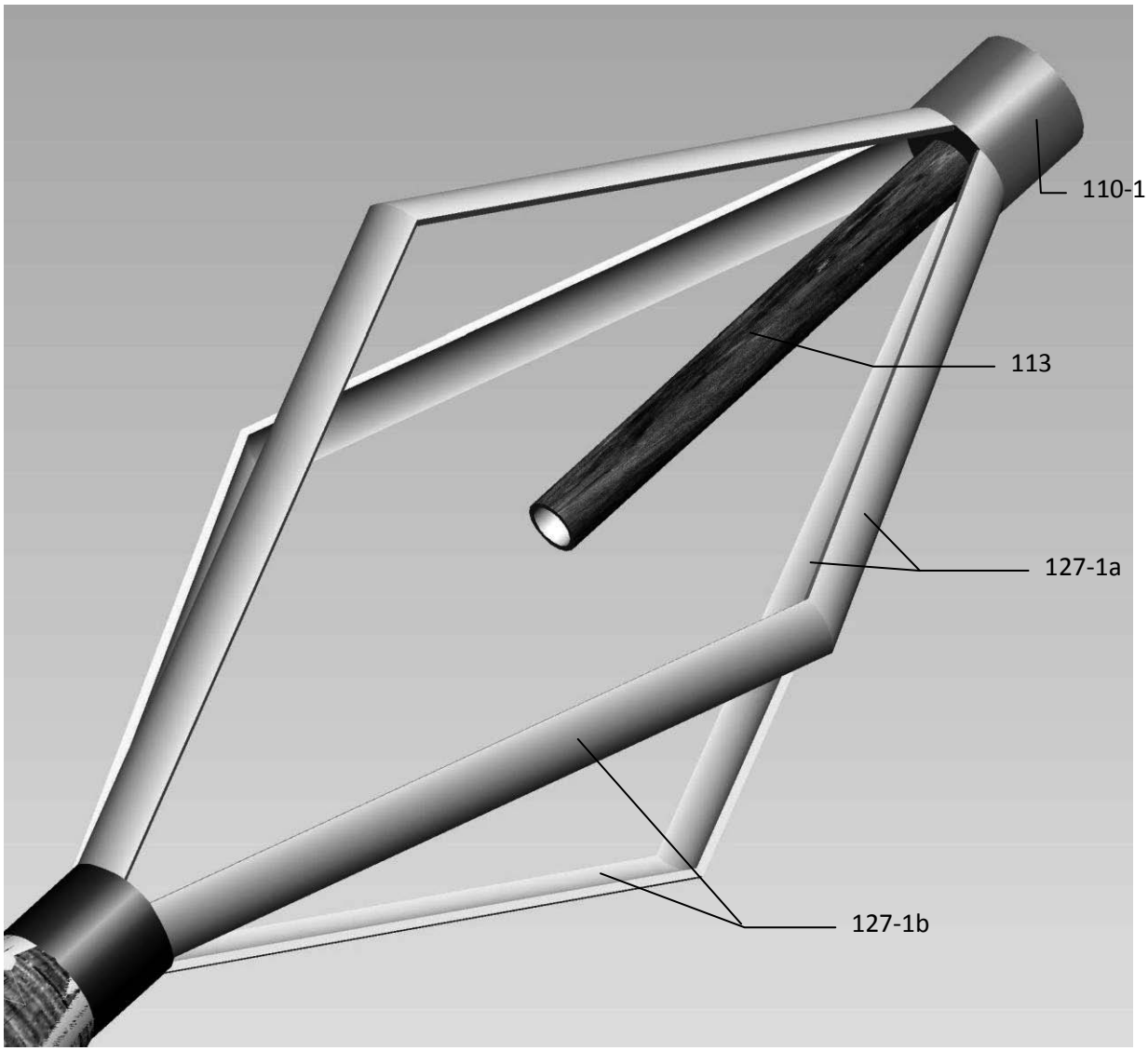
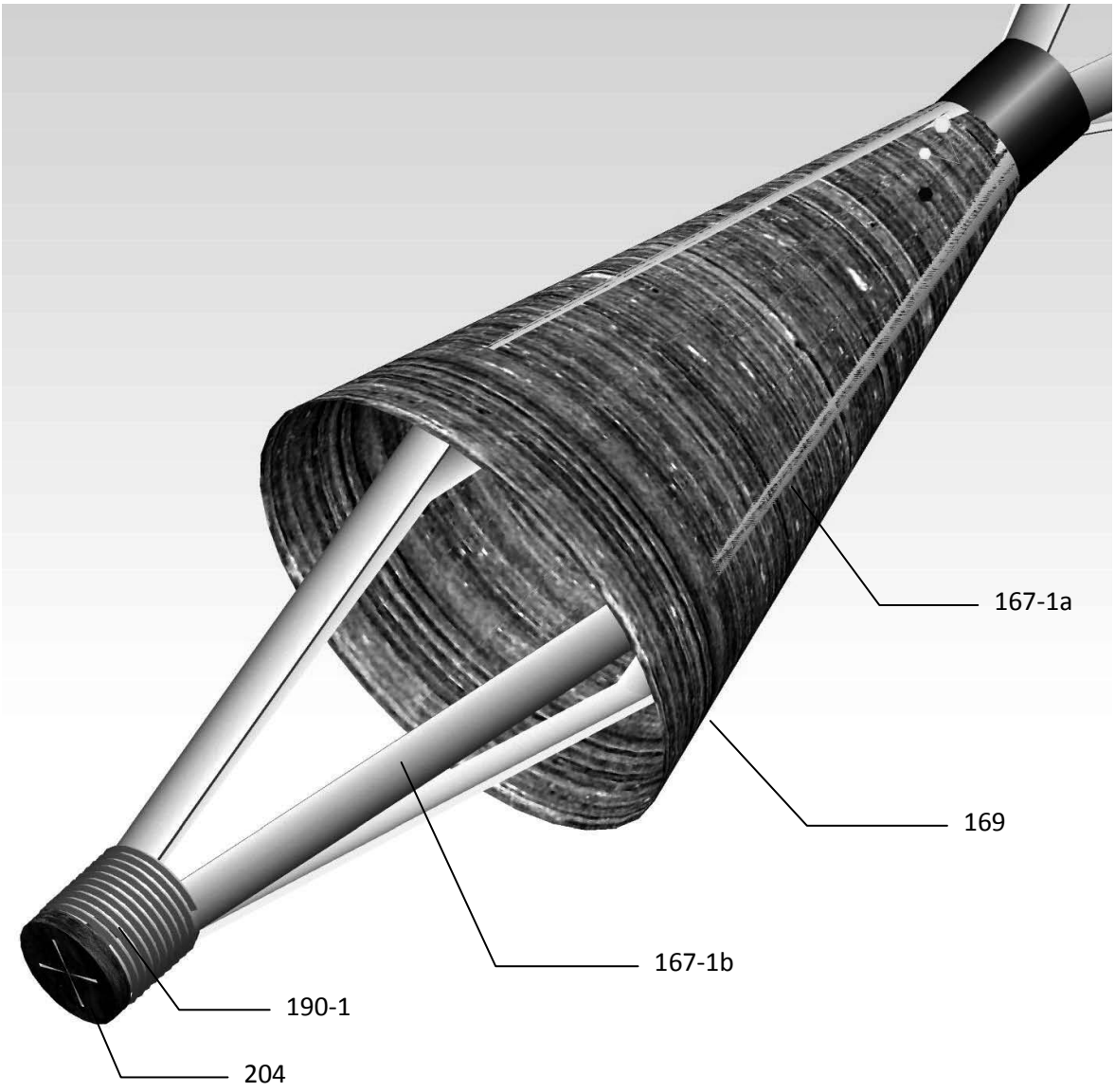


Figure 3



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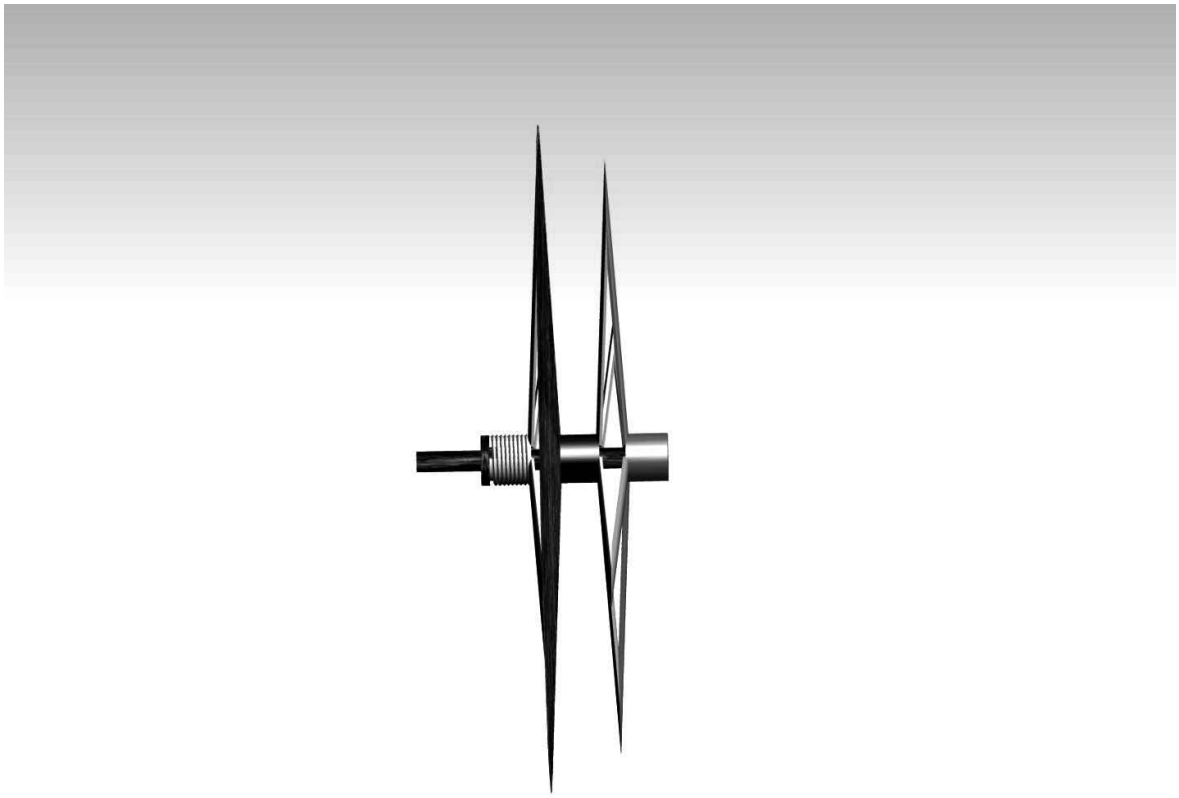


Figure 5

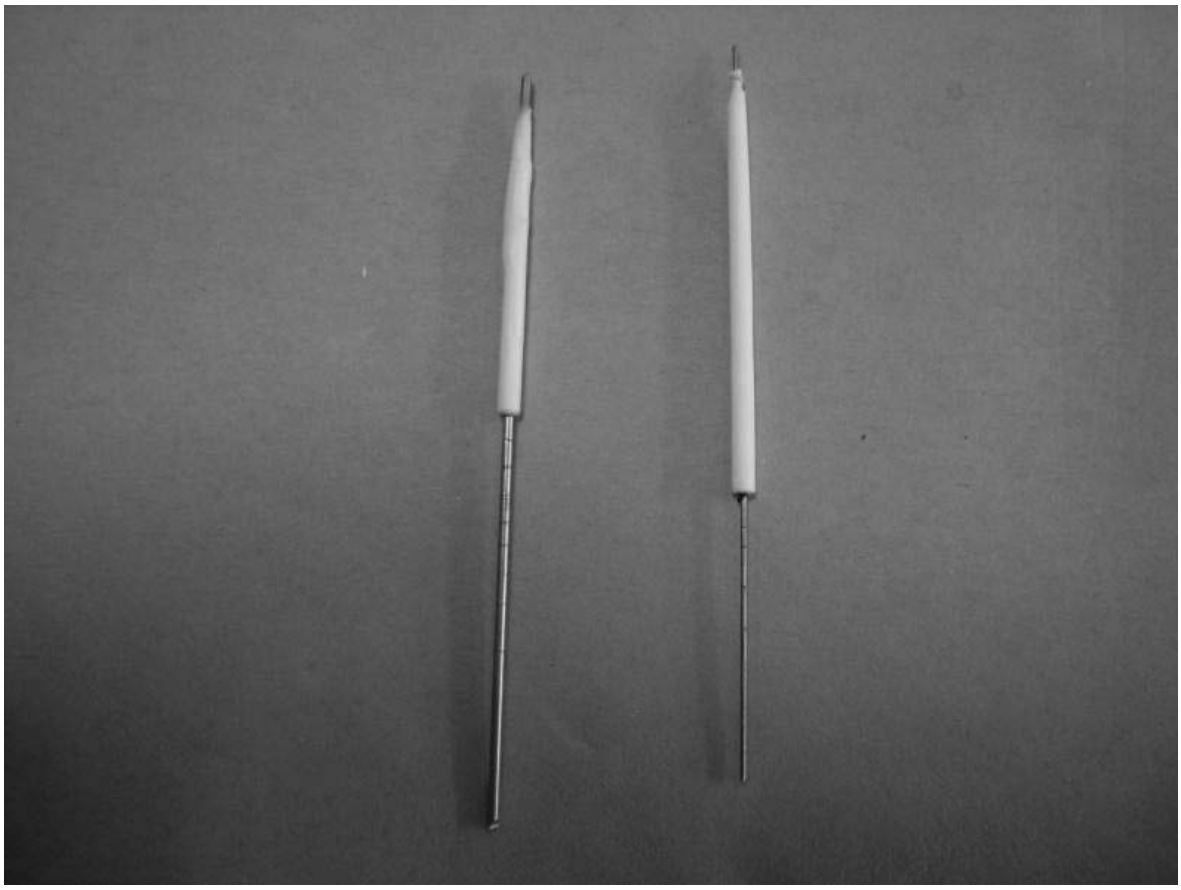


Figure 6

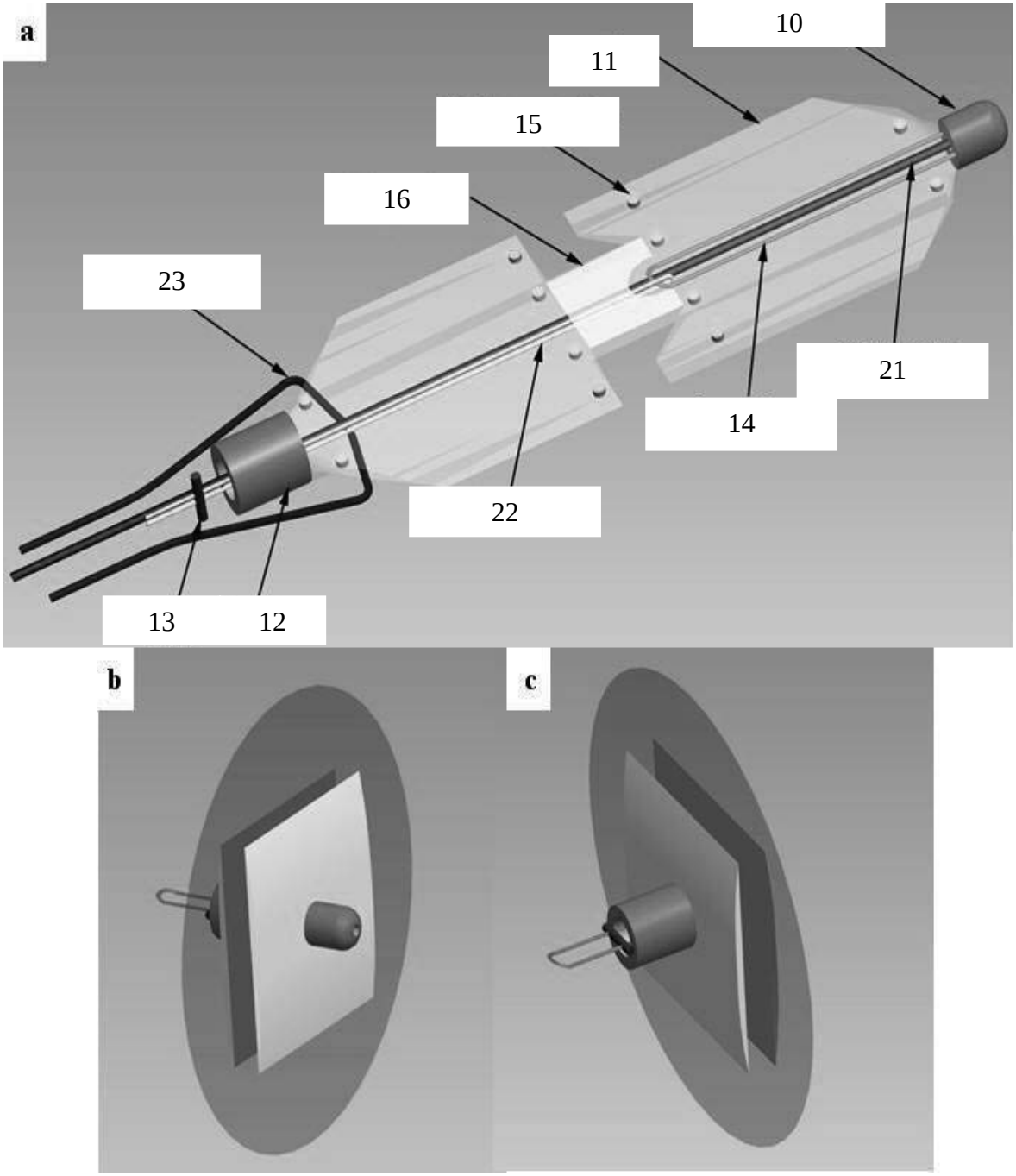


Figure 7

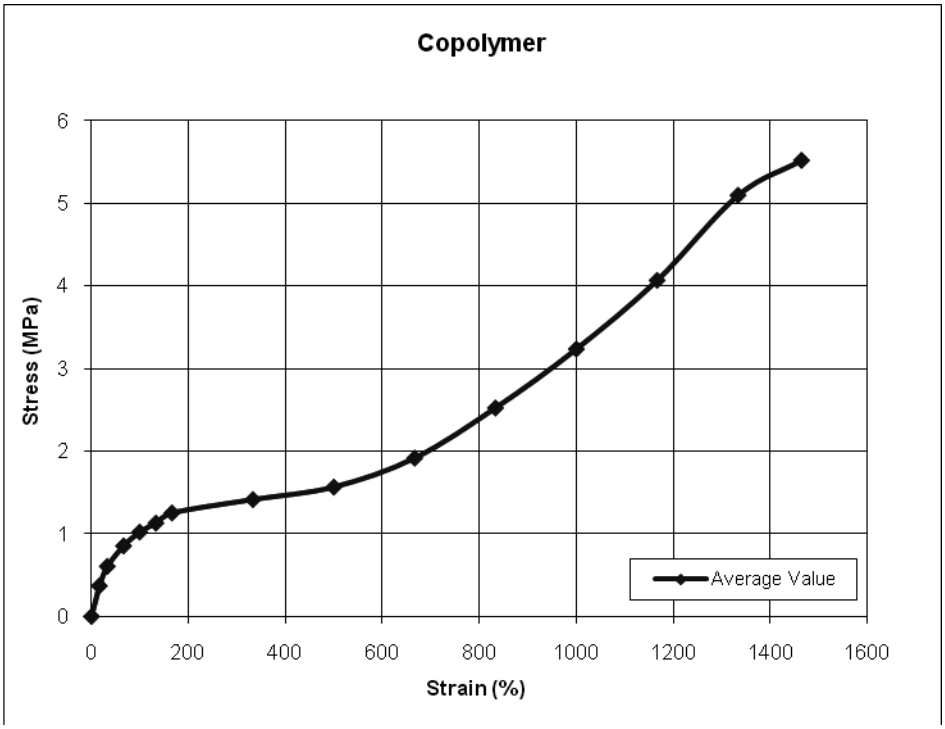

Copolymer
Stress (MPa)
Strain (%)
Average Value
0
1
2
3
4
5
6
0
200
400
600
800
1000
1200
1400
1600

Figure 8

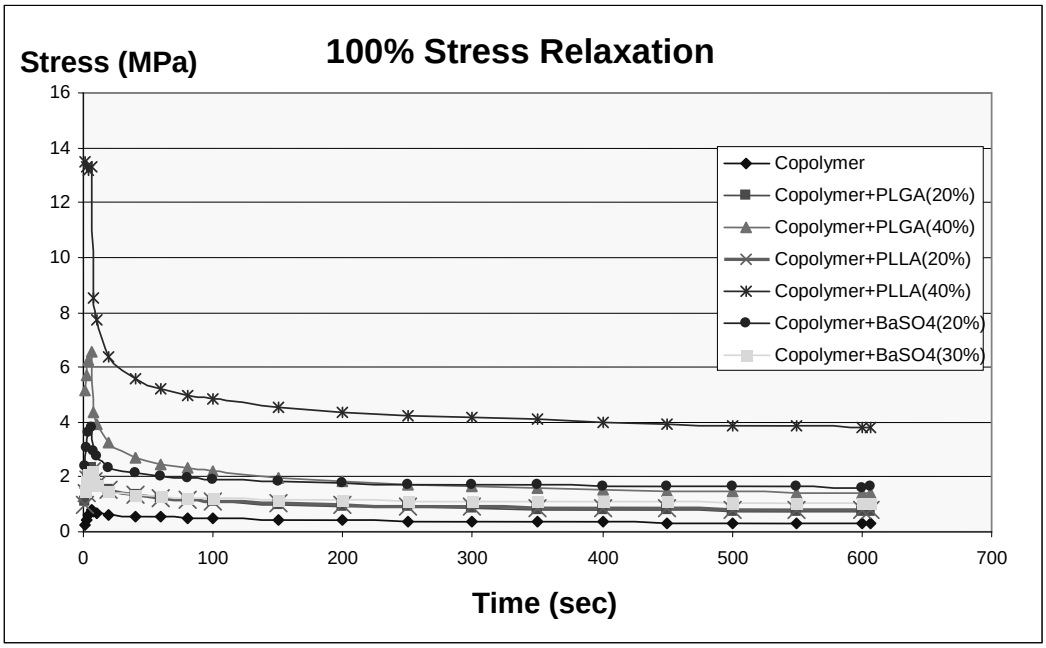


Figure 9a

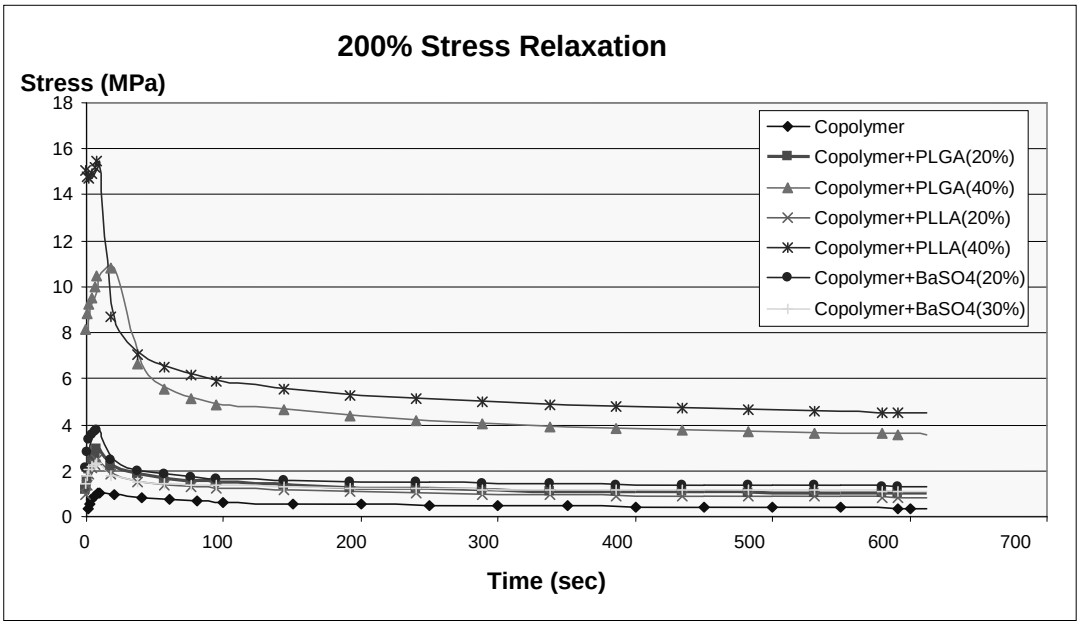


Figure 9b

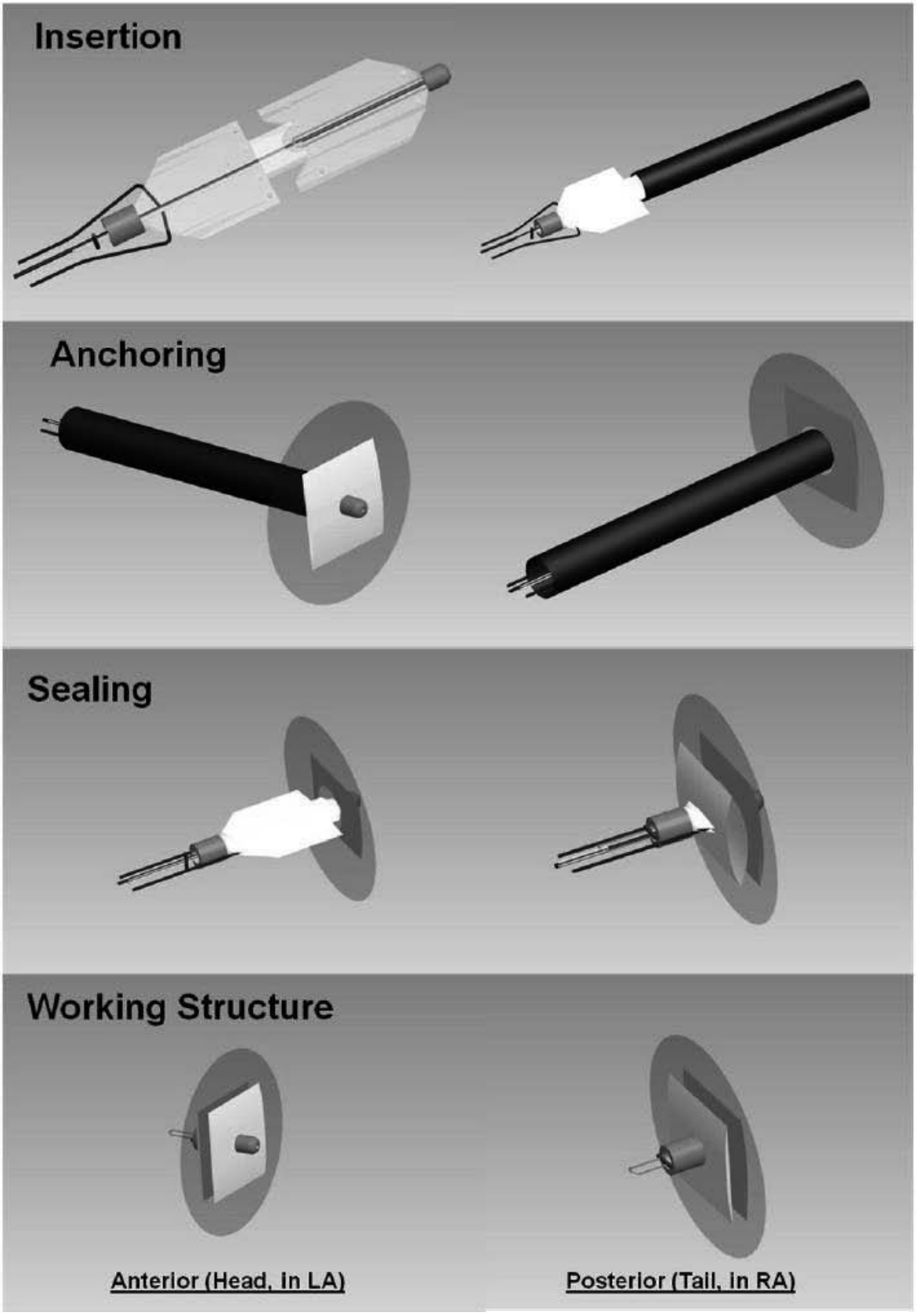

Insertion
Anchoring
Sealing
Working Structure
Anterior (Head, In LA)
Posterior (Tail, In RA)

Figure 10

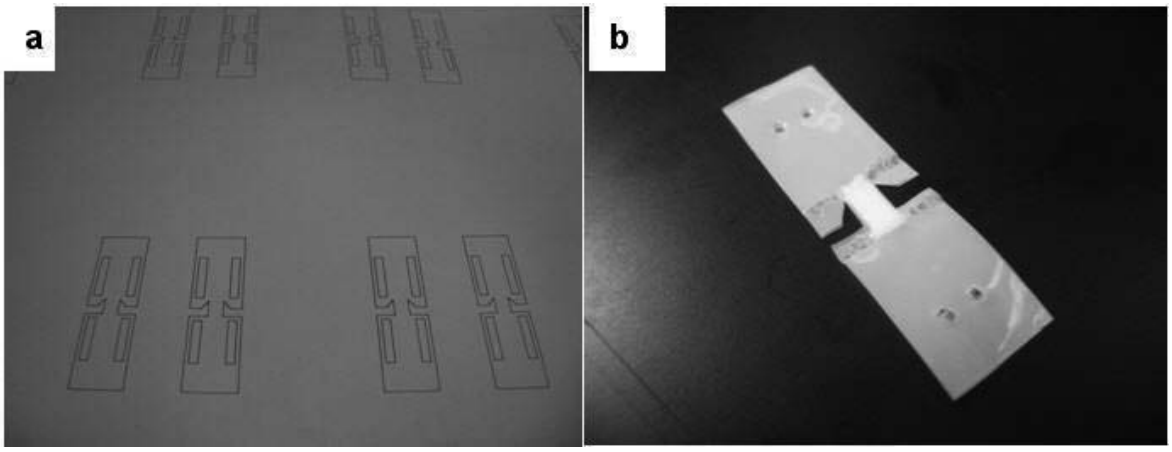


Figure 11

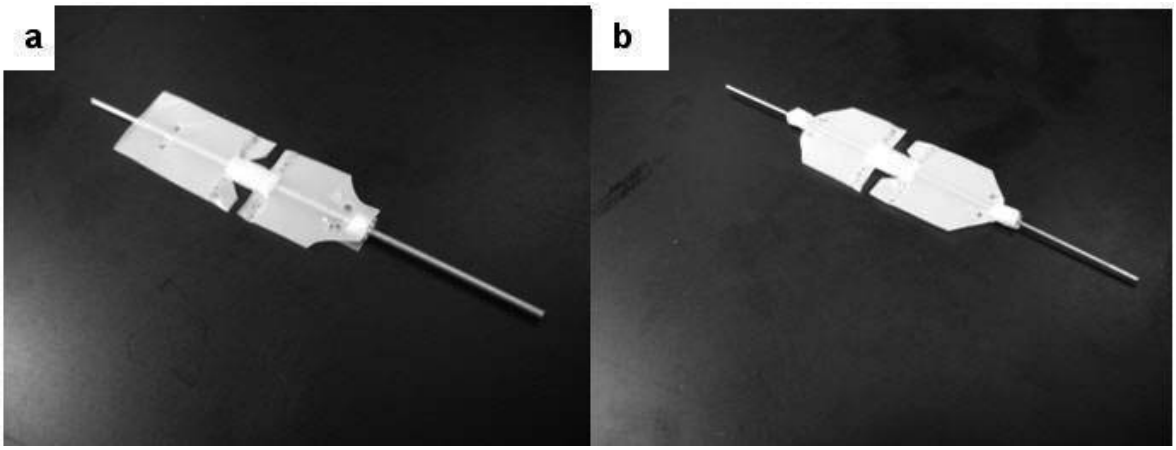


Figure 12

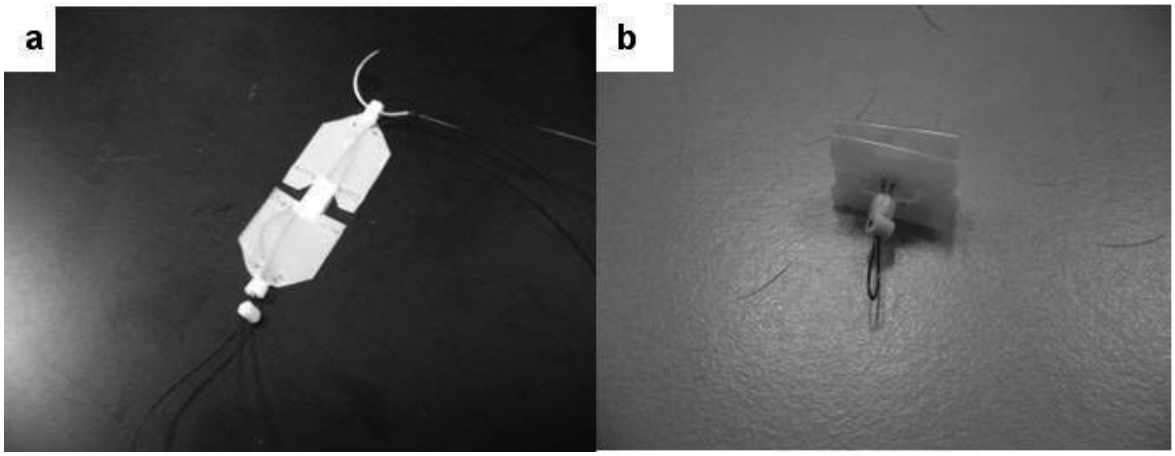


Figure 13

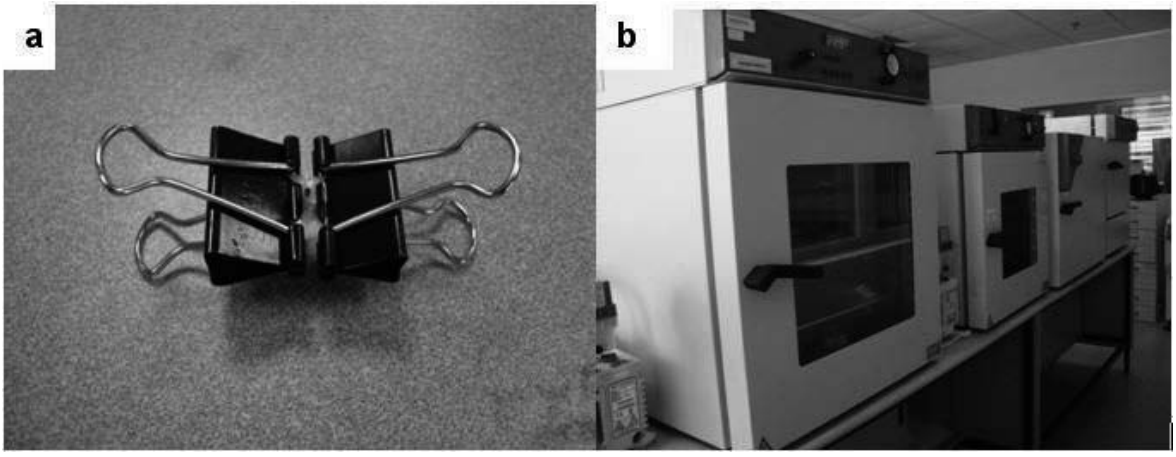


Figure 14

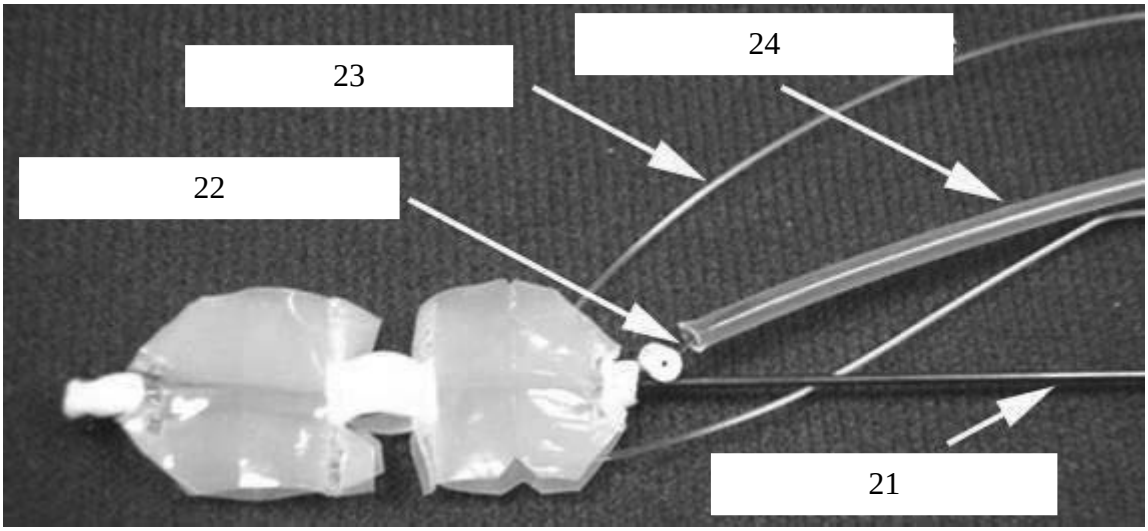


Figure 15

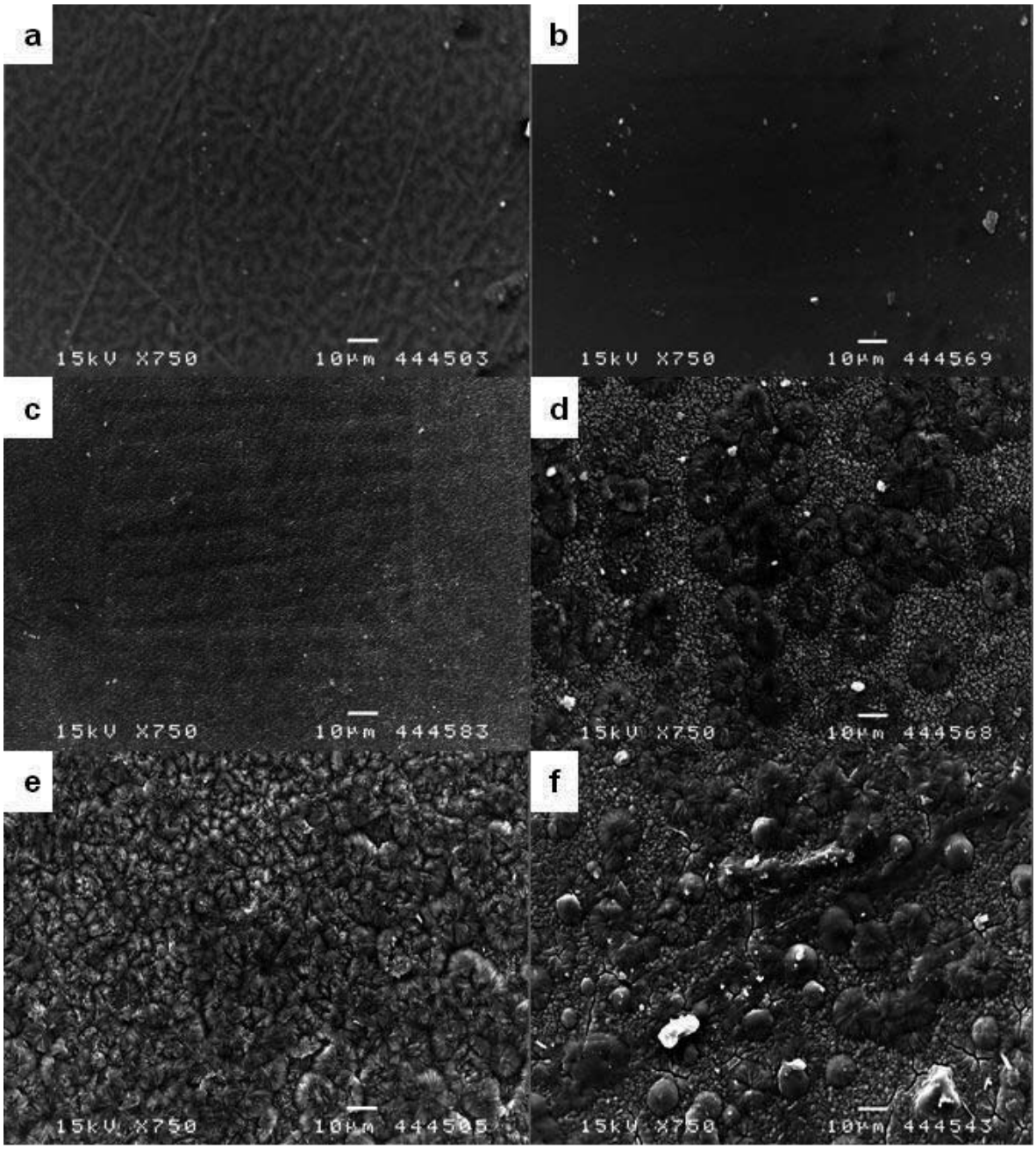

a
15kV X750 10µm 444503
b
15kV X750 10µm 444569
c
15kV X750 10µm 444583
d
15kV X750 10µm 444568
e
15kV X750 10µm 444505
f
15kV X750 10µm 444543

Figure 16

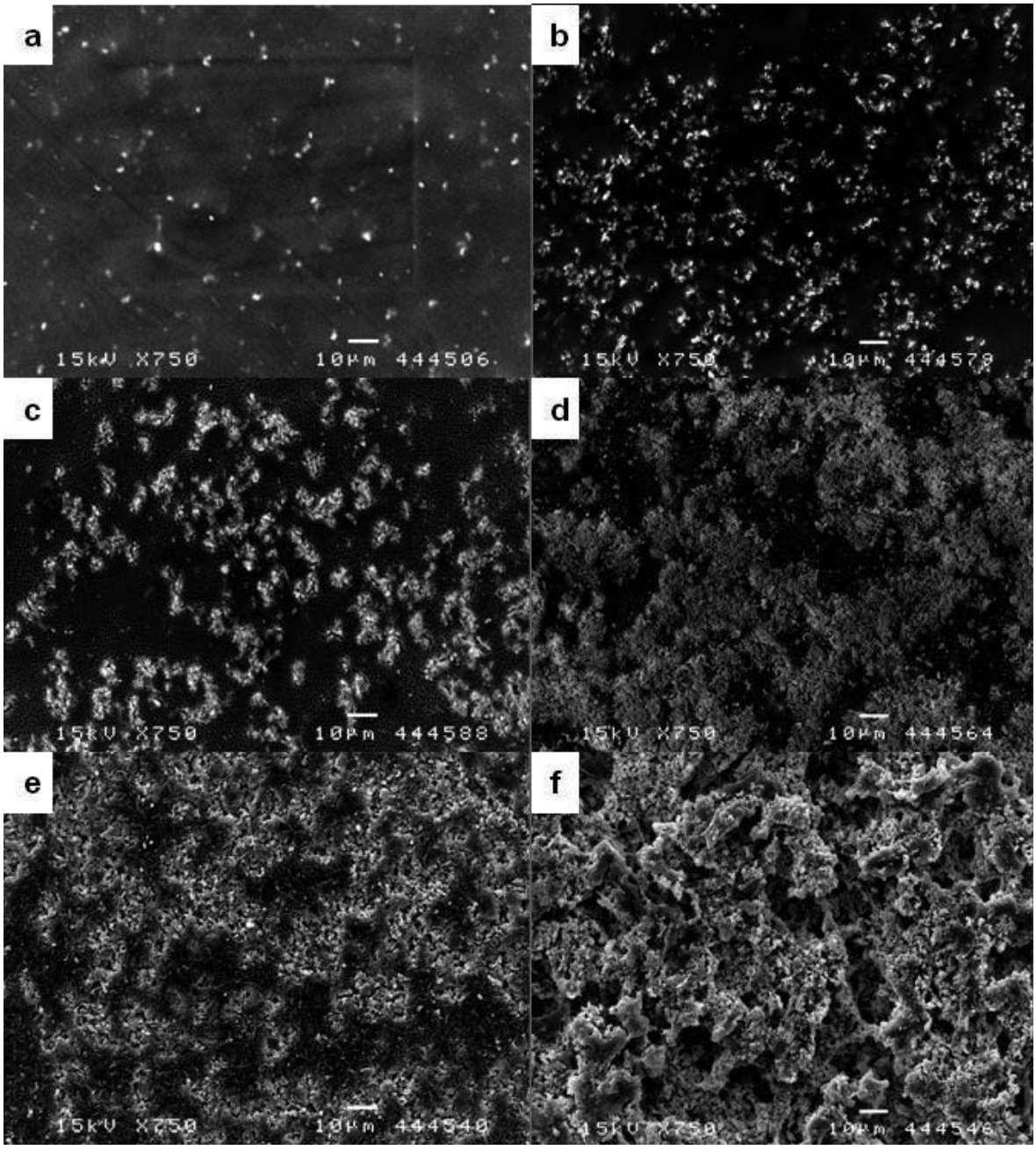

a
15kV X750 10µm 444506
b
15kV X750 10µm 444578
c
15kV X750 10µm 444588
d
15kV X750 10µm 444564
e
15kV X750 10µm 444540
f
15kV X750 10µm 444546

Figure 17

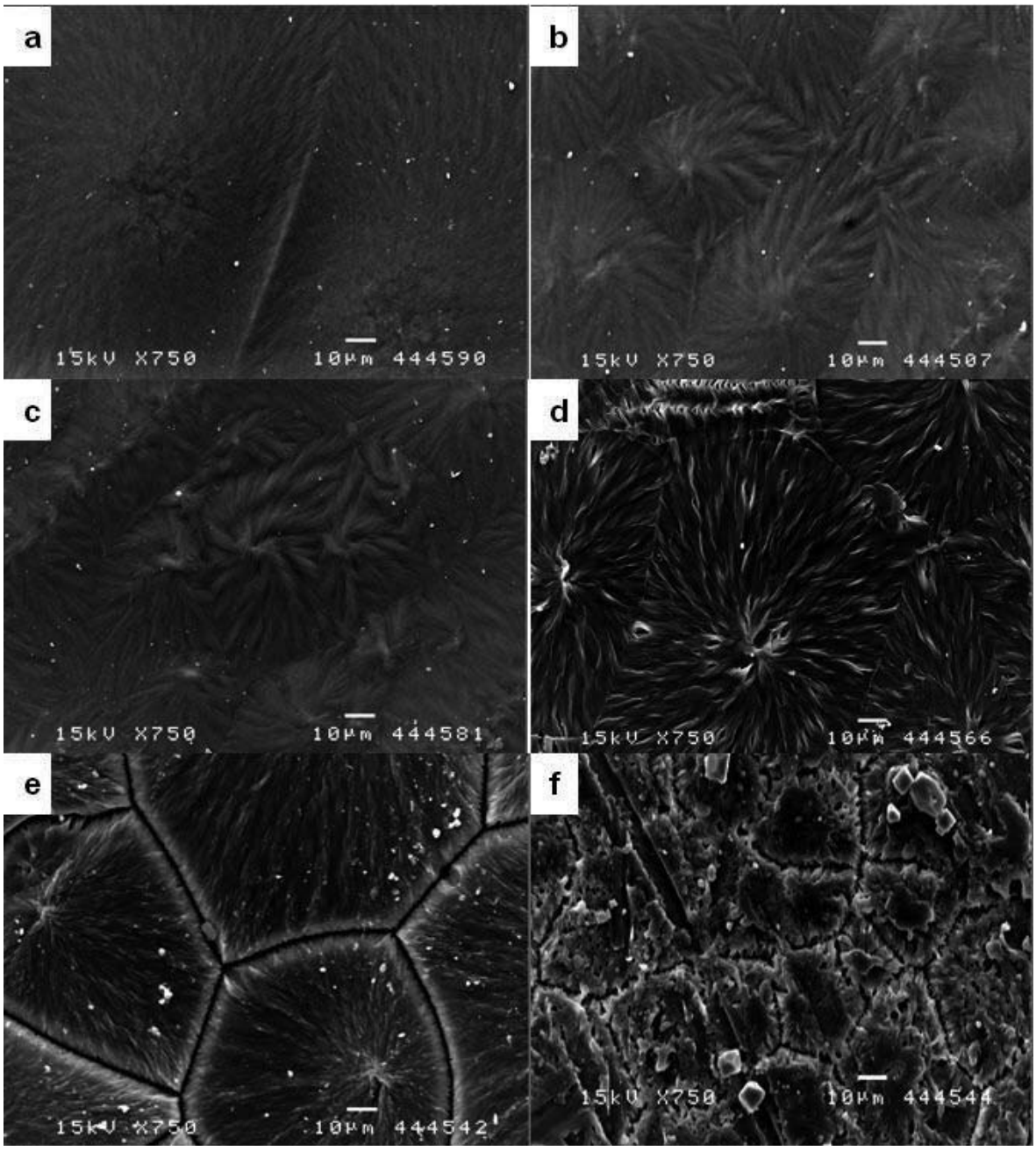

a
15kV X750 10µm 444590
b
15kV X750 10µm 444507
c
15kV X750 10µm 444581
d
15kV X750 10µm 444566
e
15kV X750 10µm 444542
f
15kV X750 10µm 444544

Figure 18

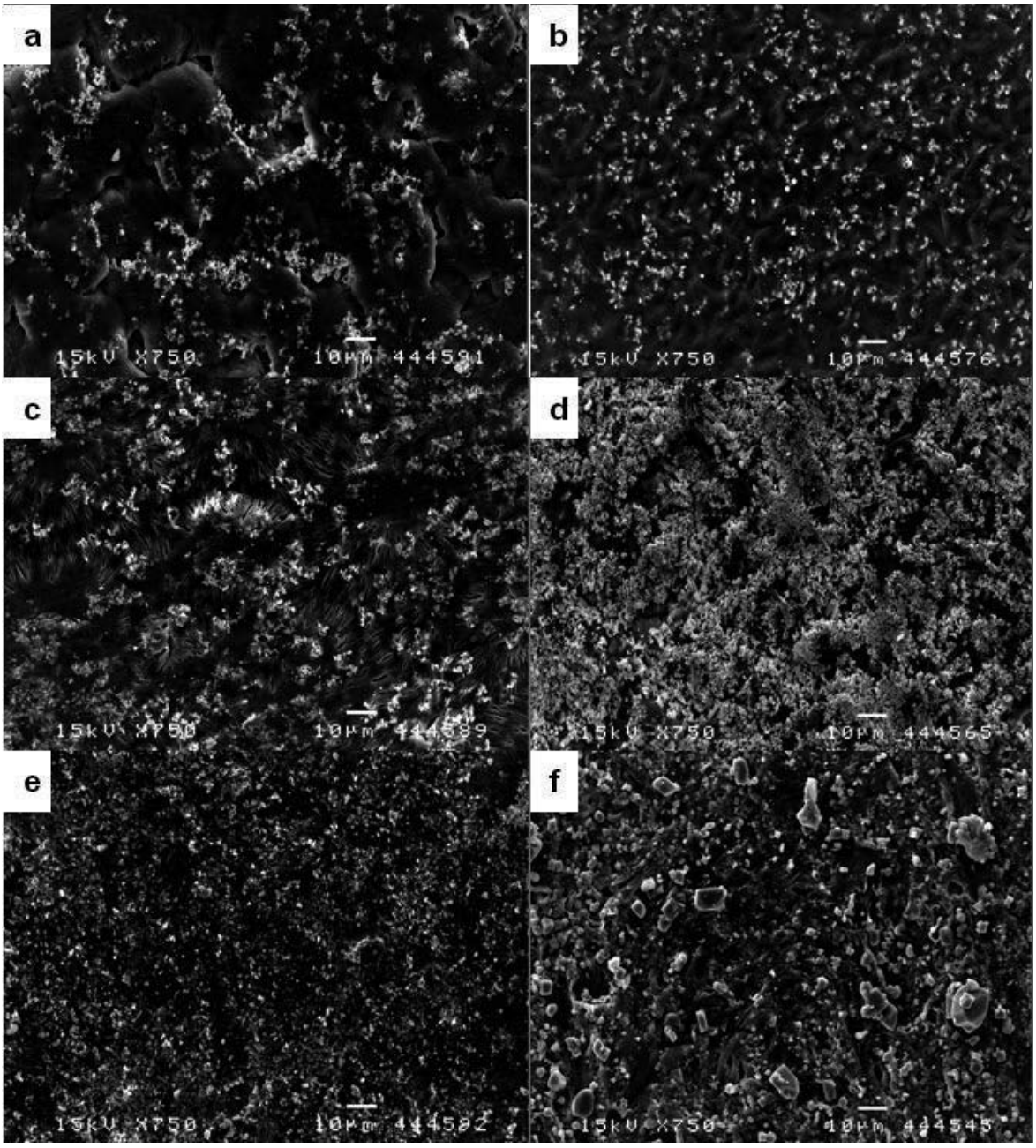

a
15kV X750 10µm 444591
b
15kV X750 10µm 444576
c
15kV X750 10µm 444589
d
15kV X750 10µm 444565
e
15kV X750 10µm 444582
f
15kV X750 10µm 444545

Figure 19

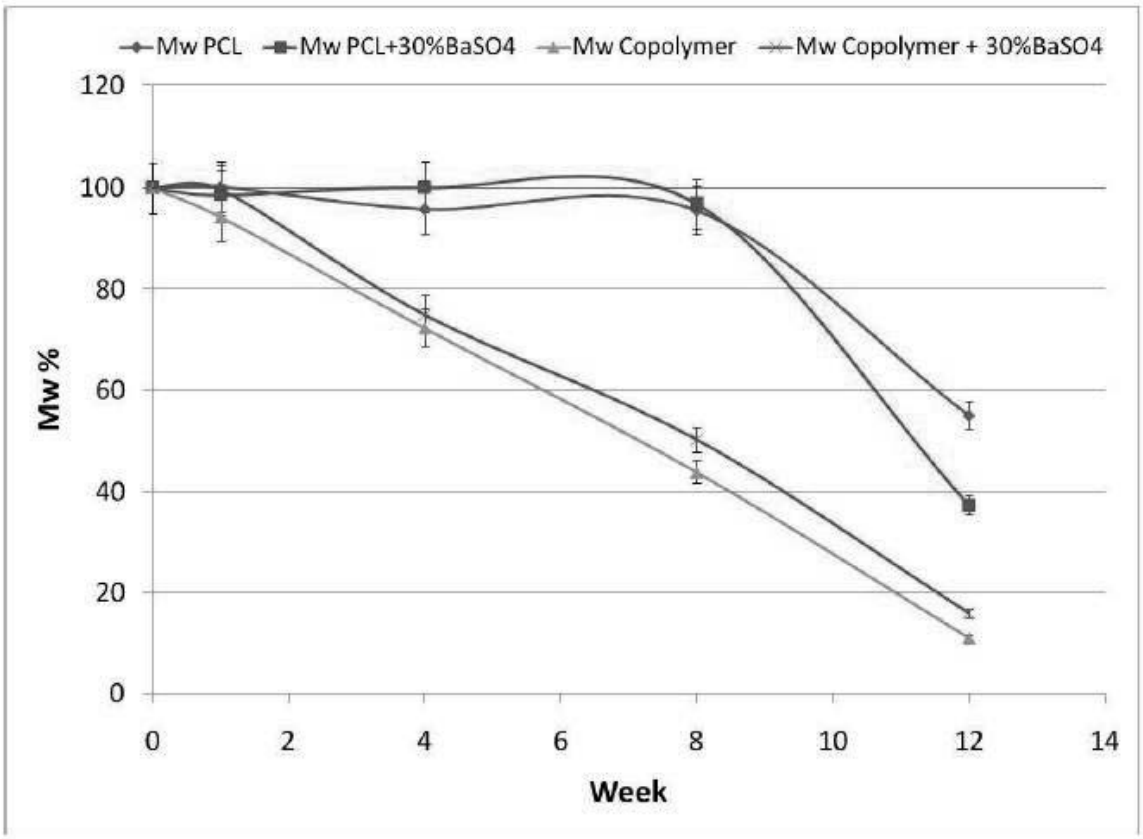

Mw PCL
Mw PCL+30%BaSO4
Mw Copolymer
Mw Copolymer + 30%BaSO4
120
100
80
60
40
20
0
Mw %
0
2
4
6
8
10
12
14
Week

Figure 20

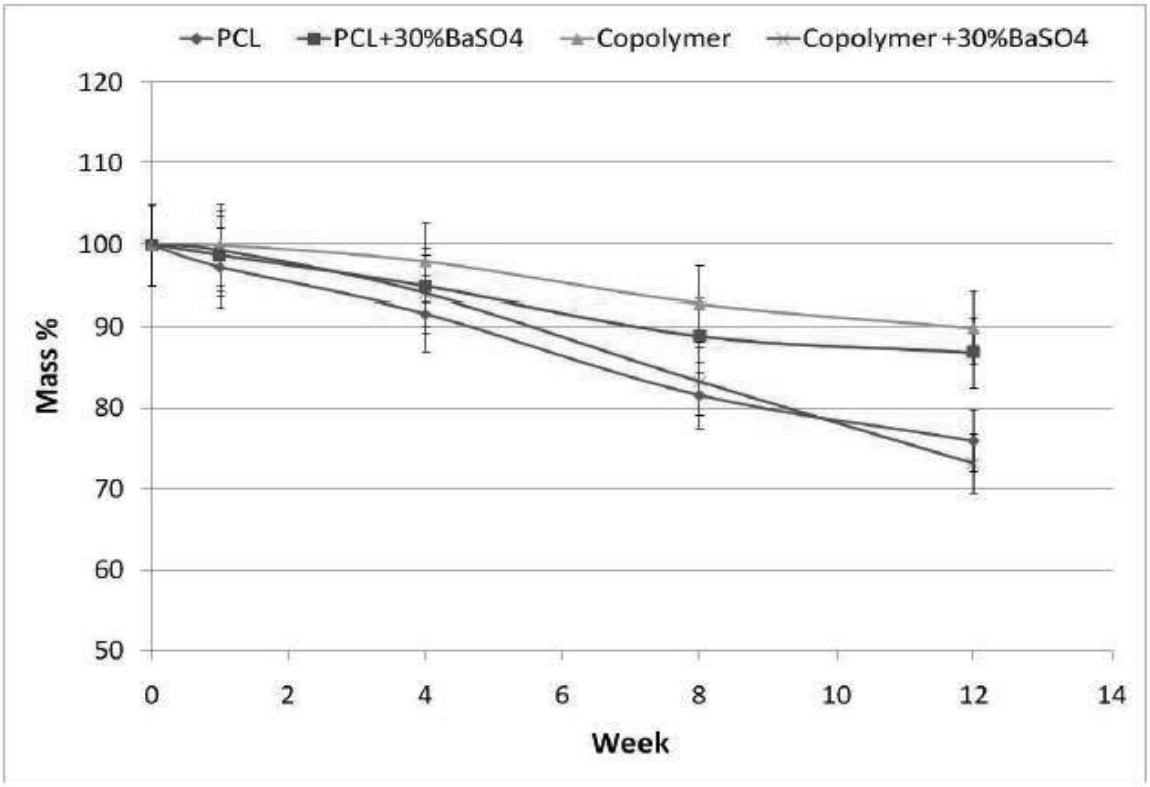


Figure 21

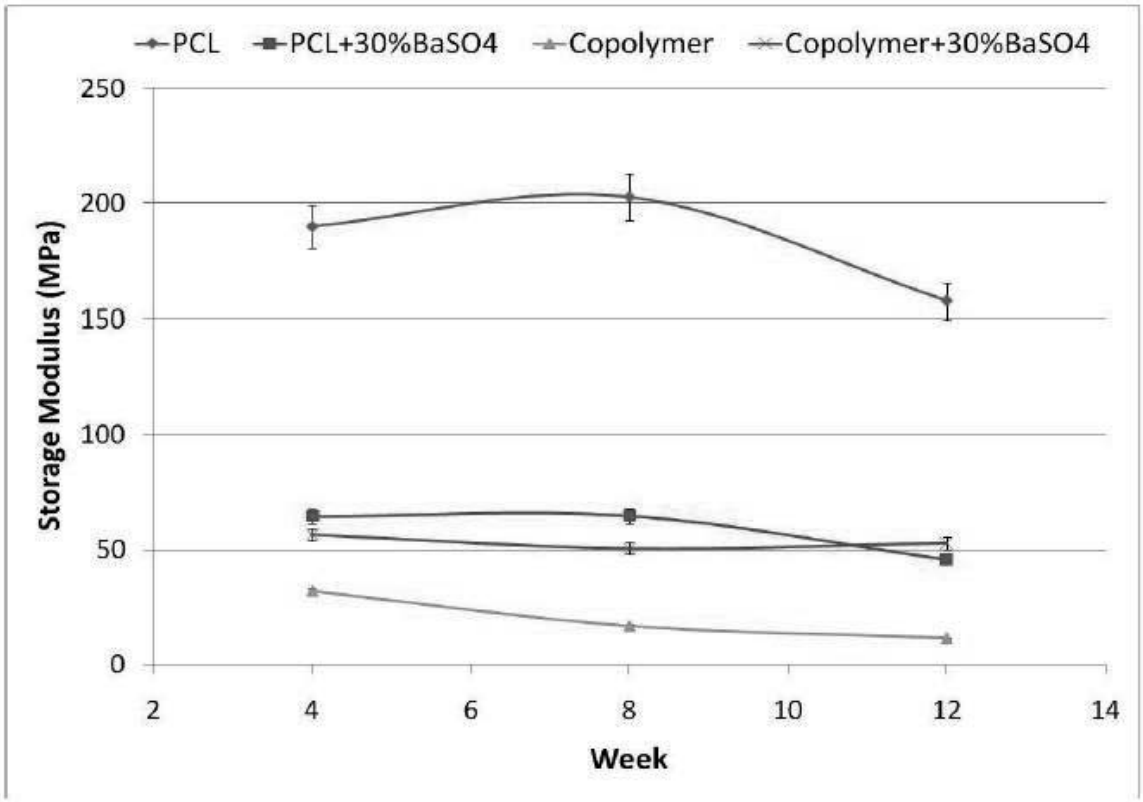


Figure 22

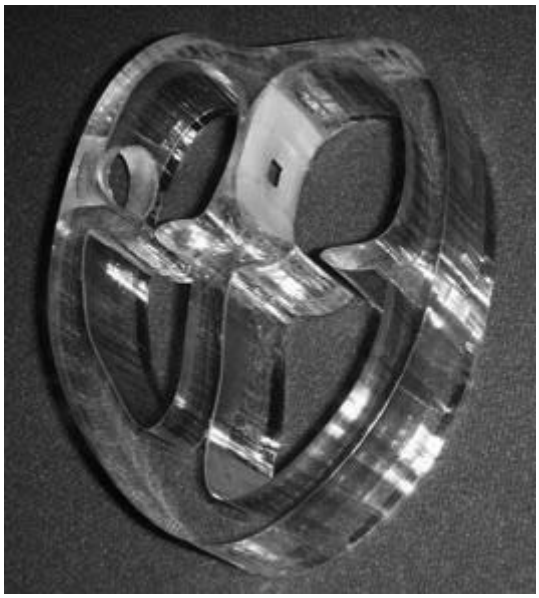


Figure 23

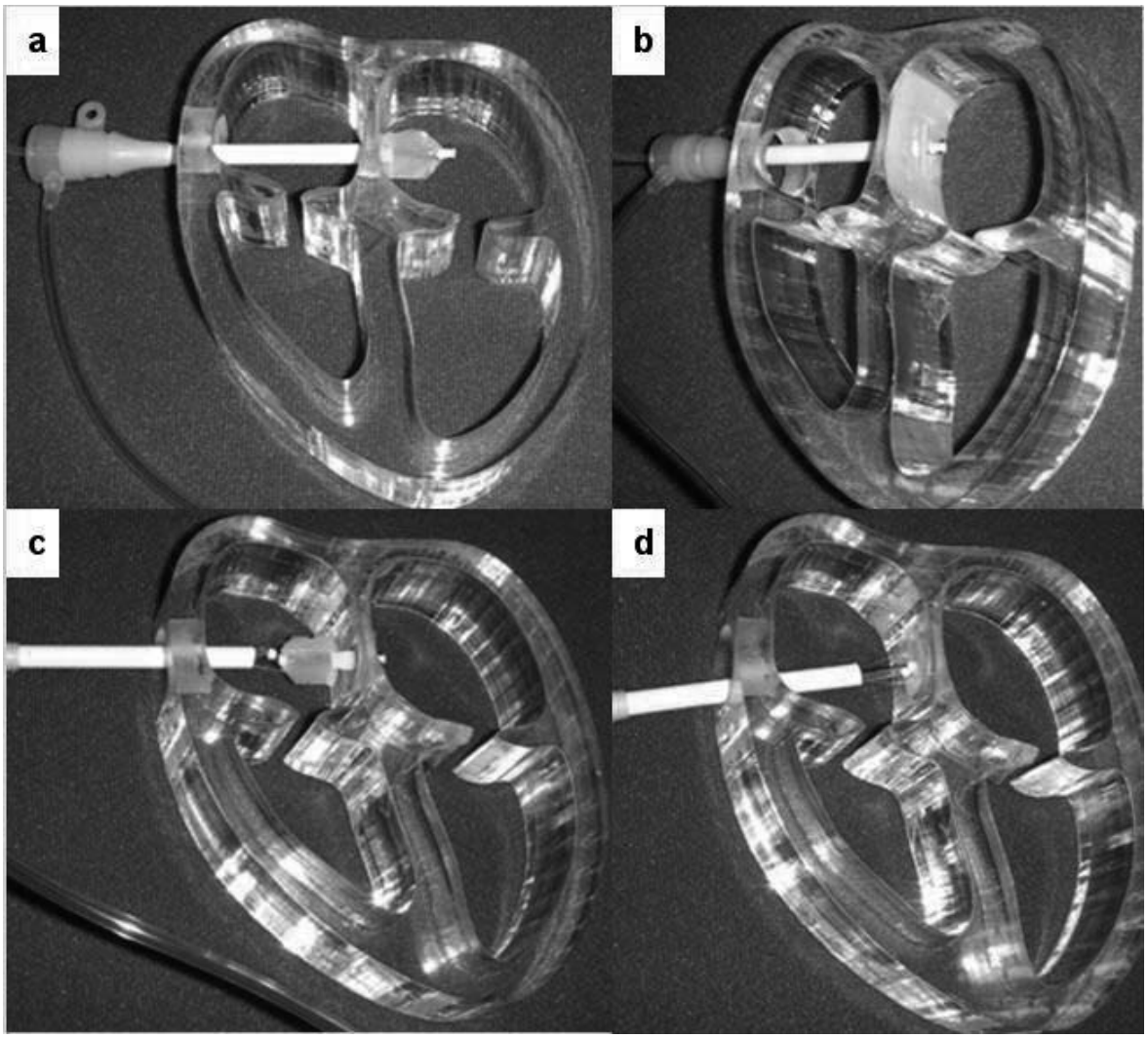


Figure 24

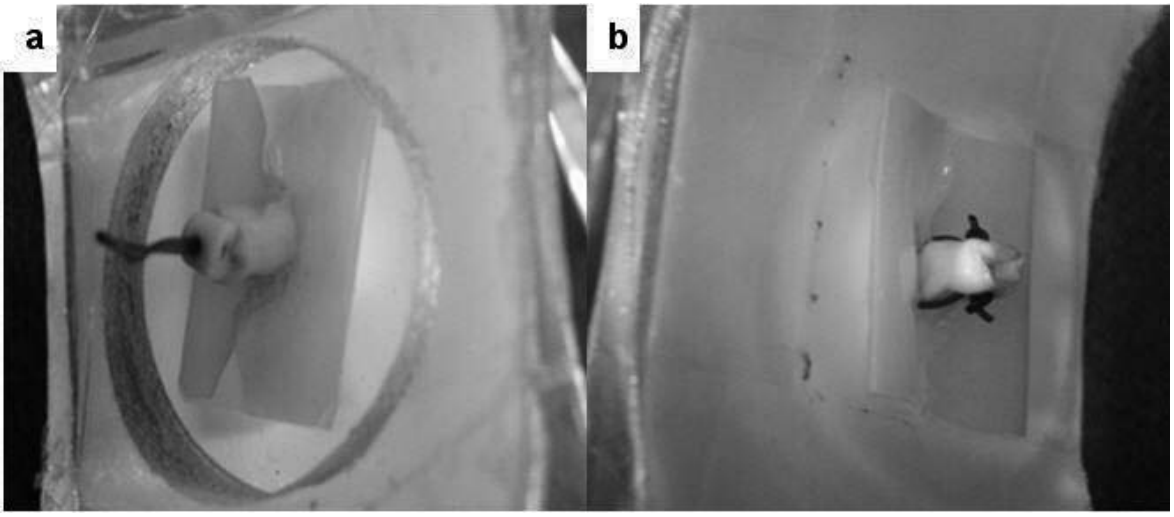


Figure 25

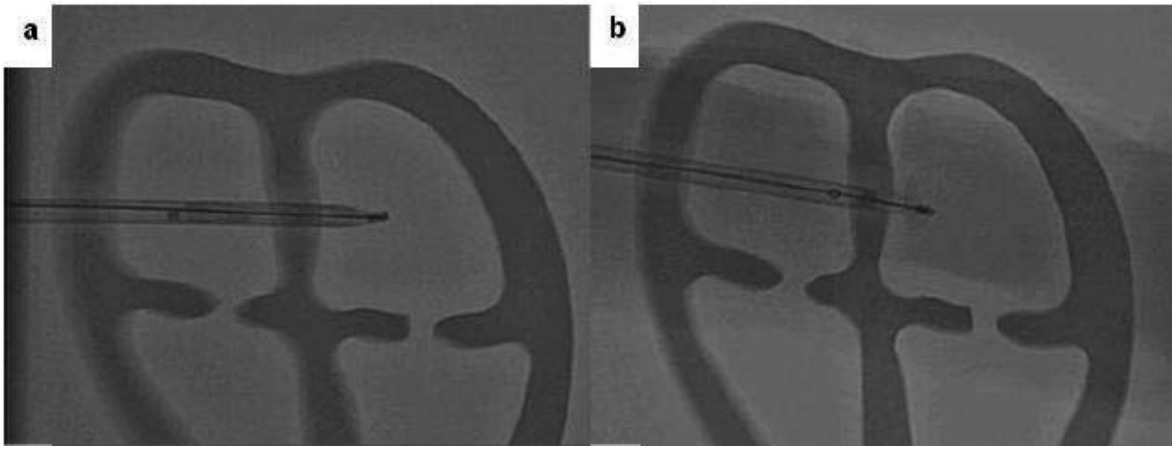


Figure 26

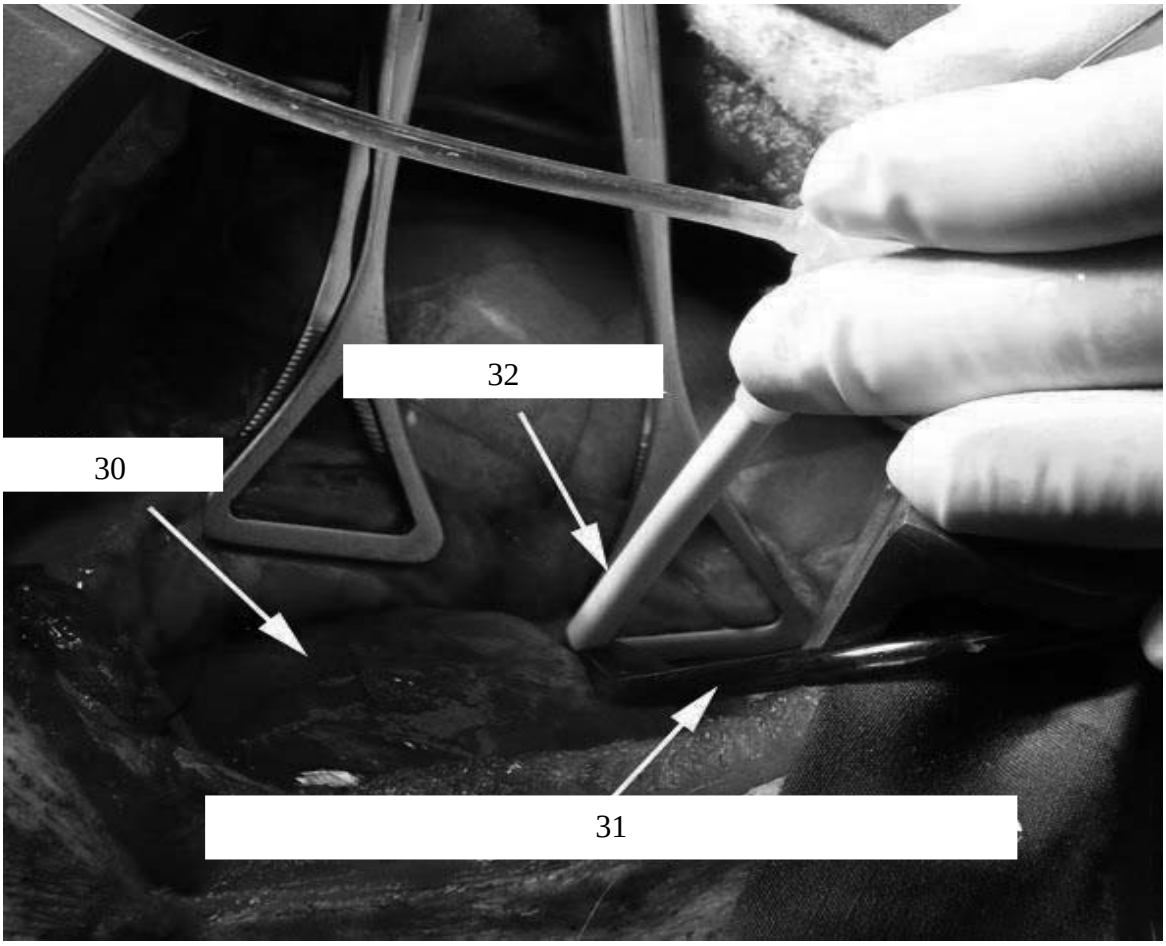
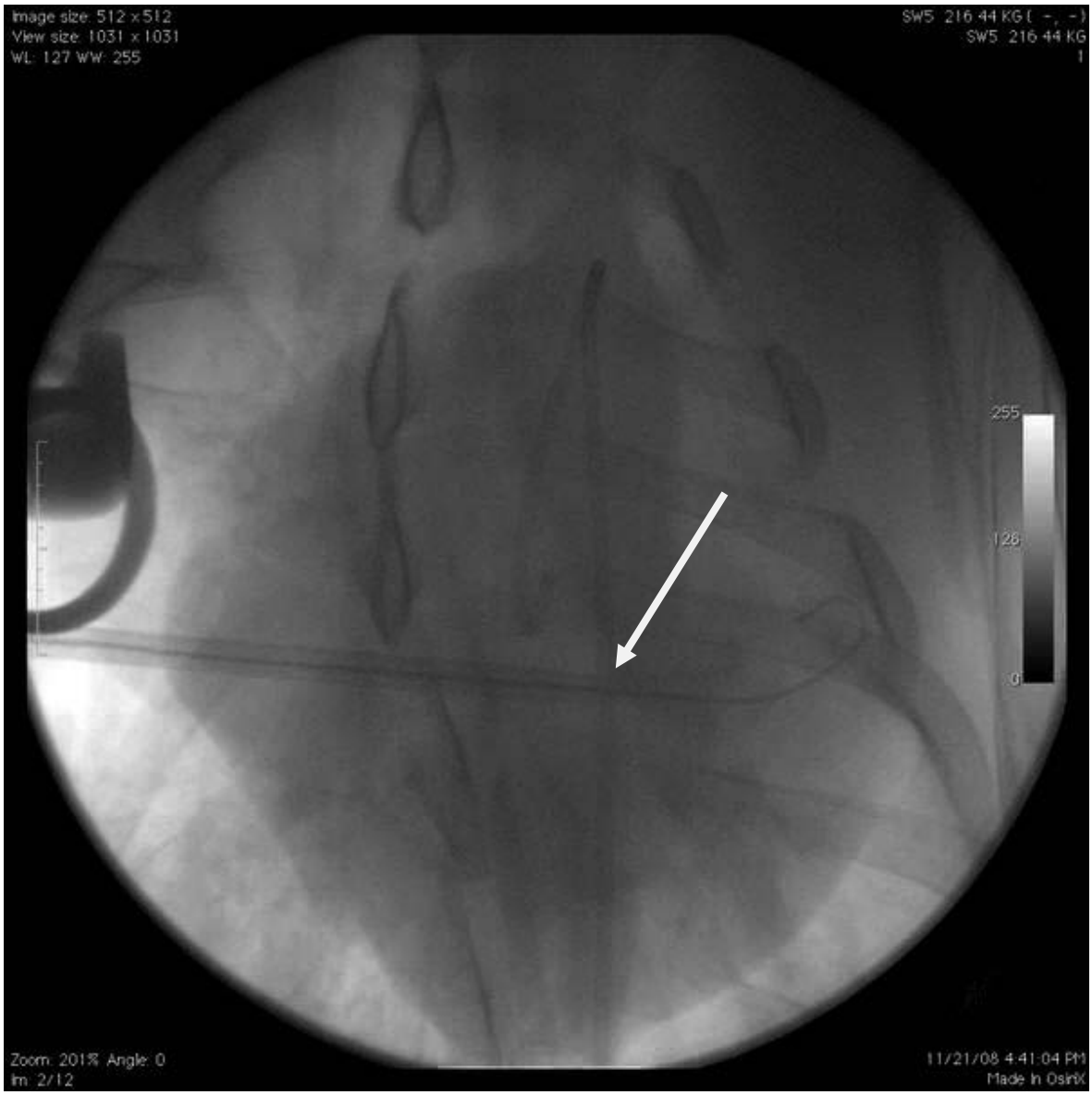


Figure 27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View size: 1031 x 1031
WL: 127 WW: 255
SW5 216 44 KG (-, -)
SW5 216 44 KG
1
255
128
0
Zoom: 201% Angle: 0
Im: 2/12
11/21/08 4:41:04 PM
Made in OsiriX

Figure 28

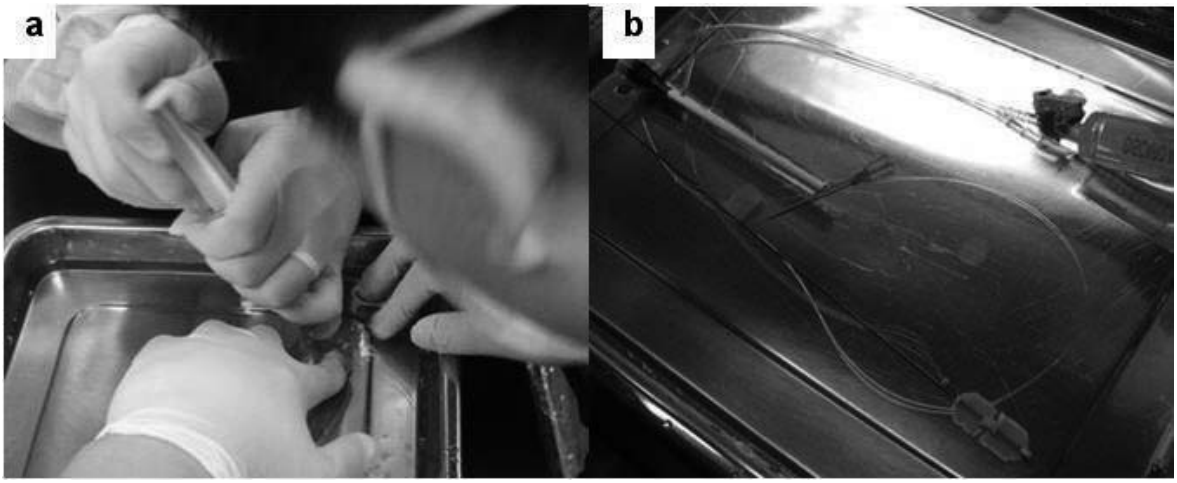

Figure 29

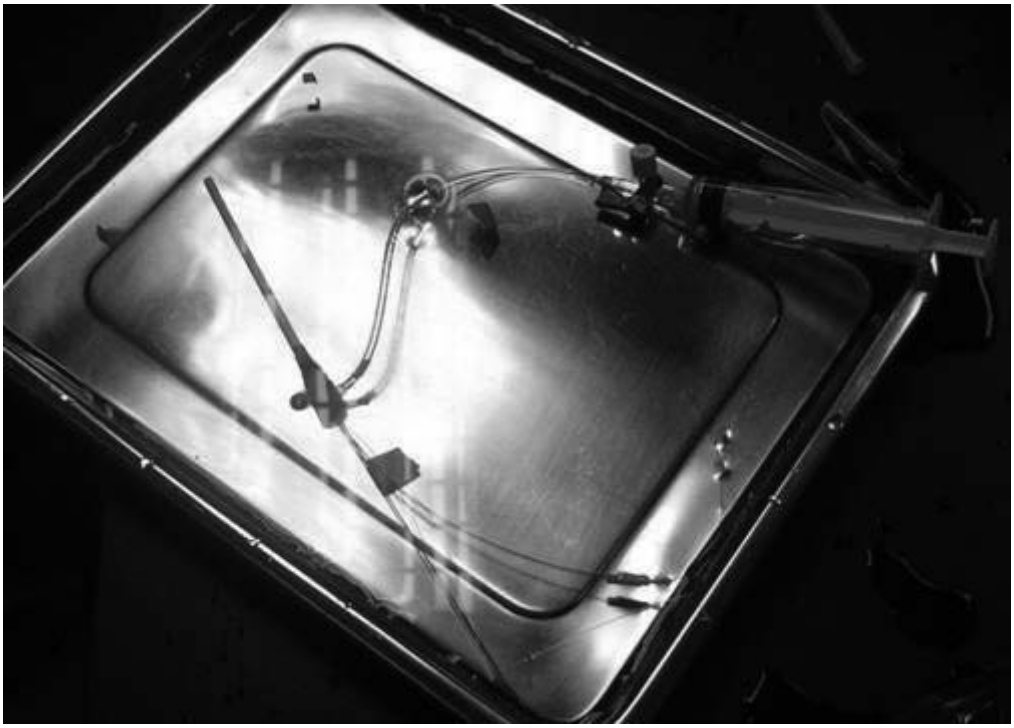

Figure 30

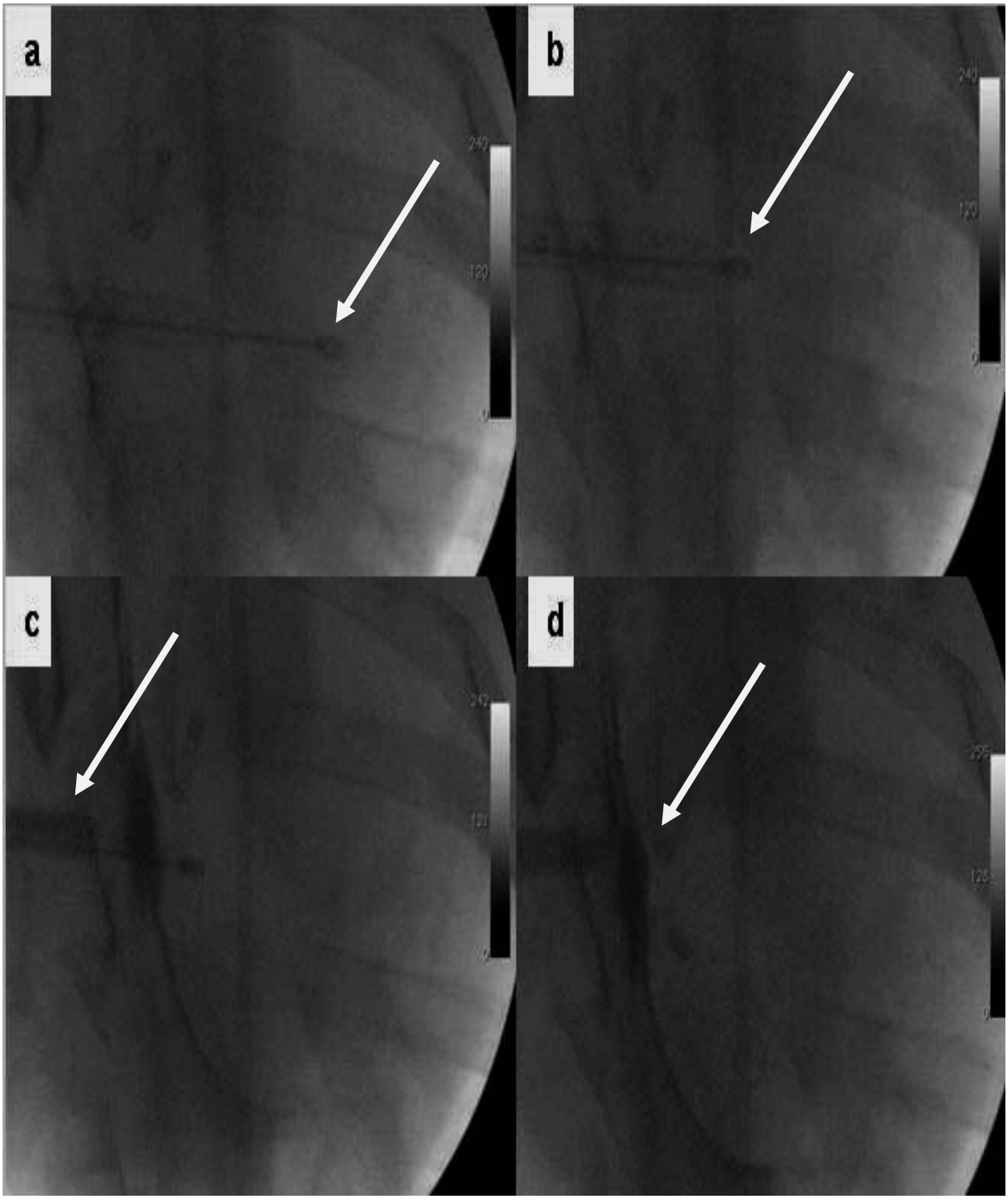

Figure 31

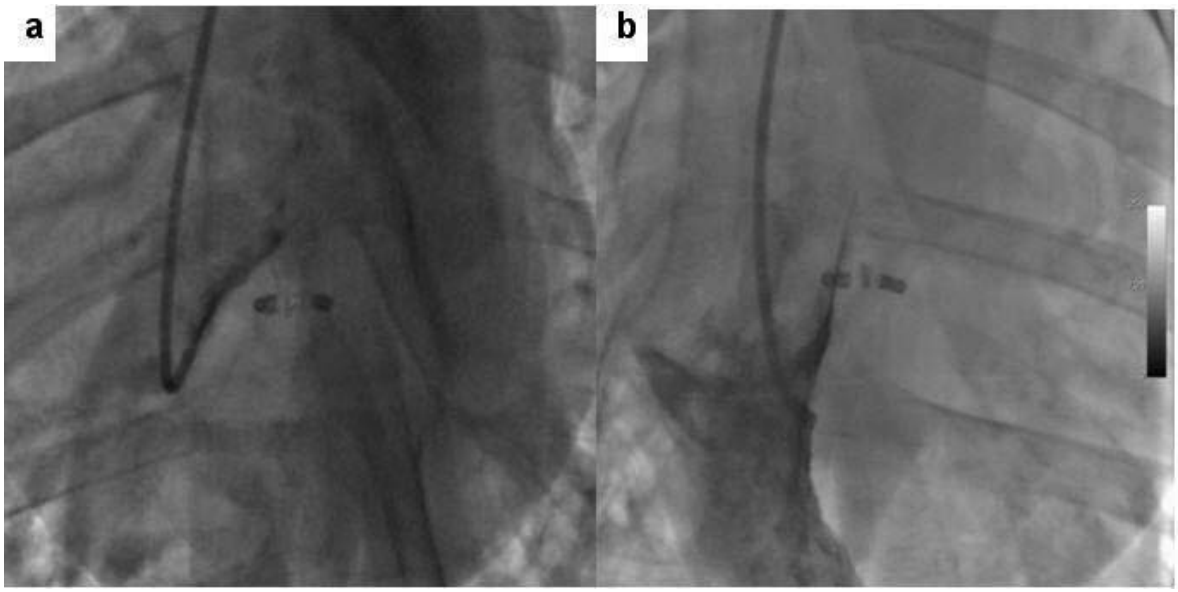

Figure 32

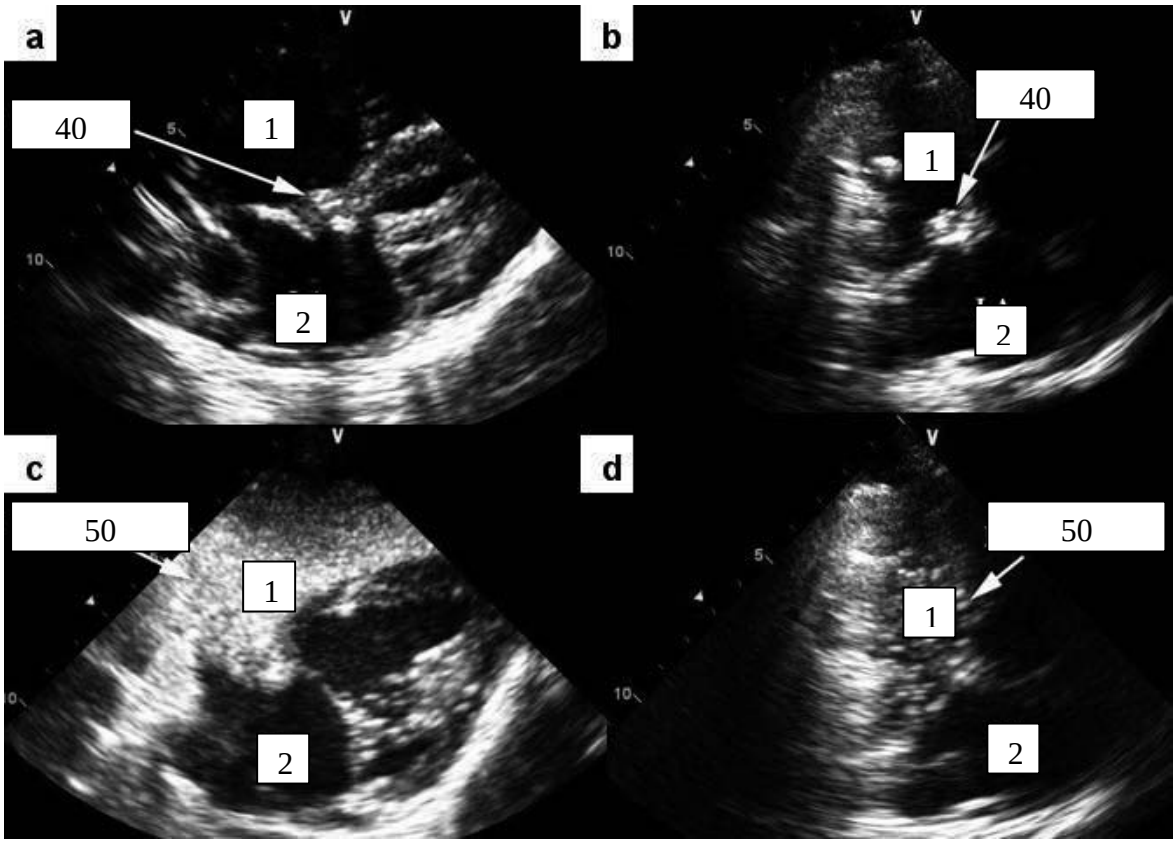

Figure 33

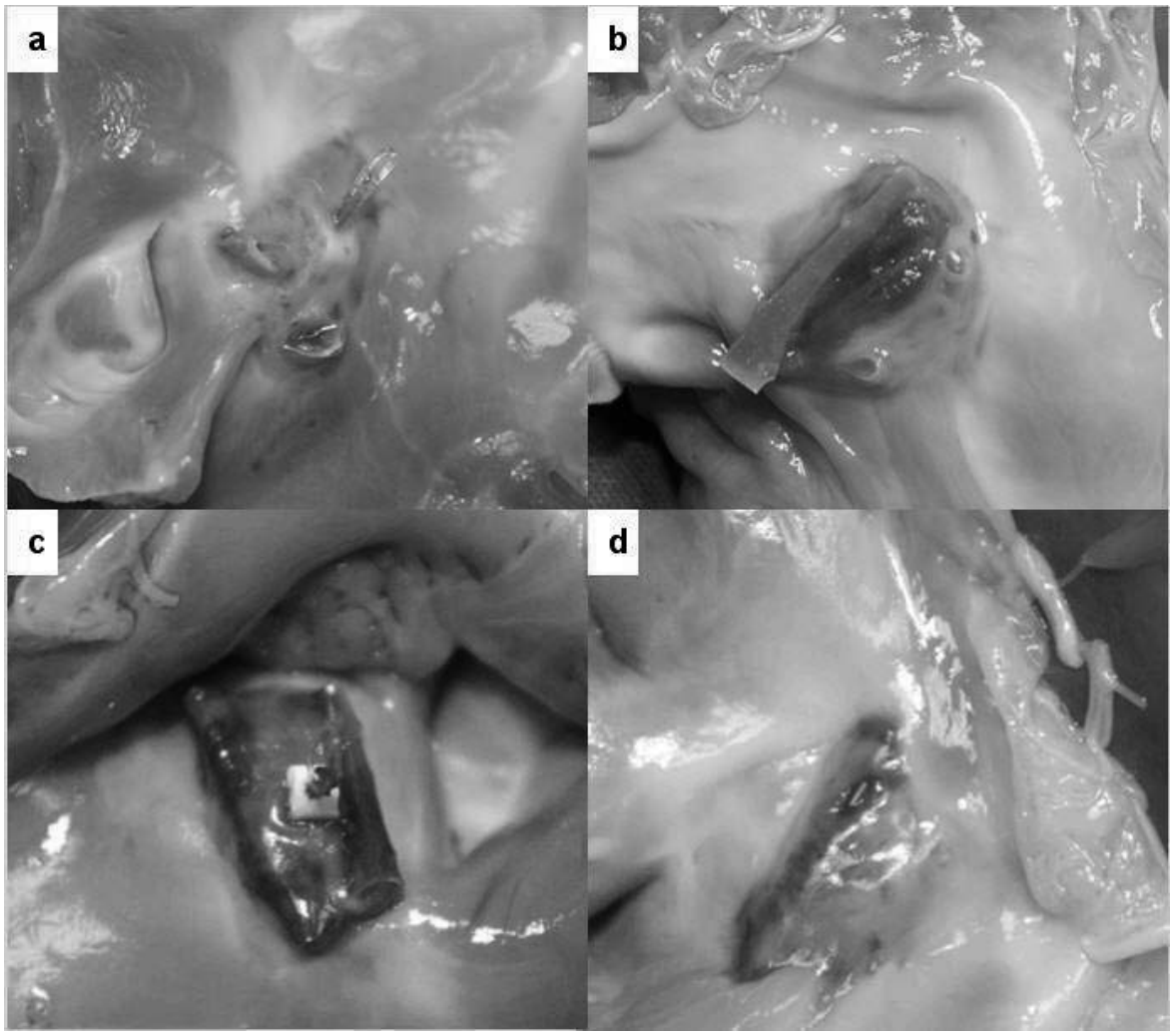

Figure 34

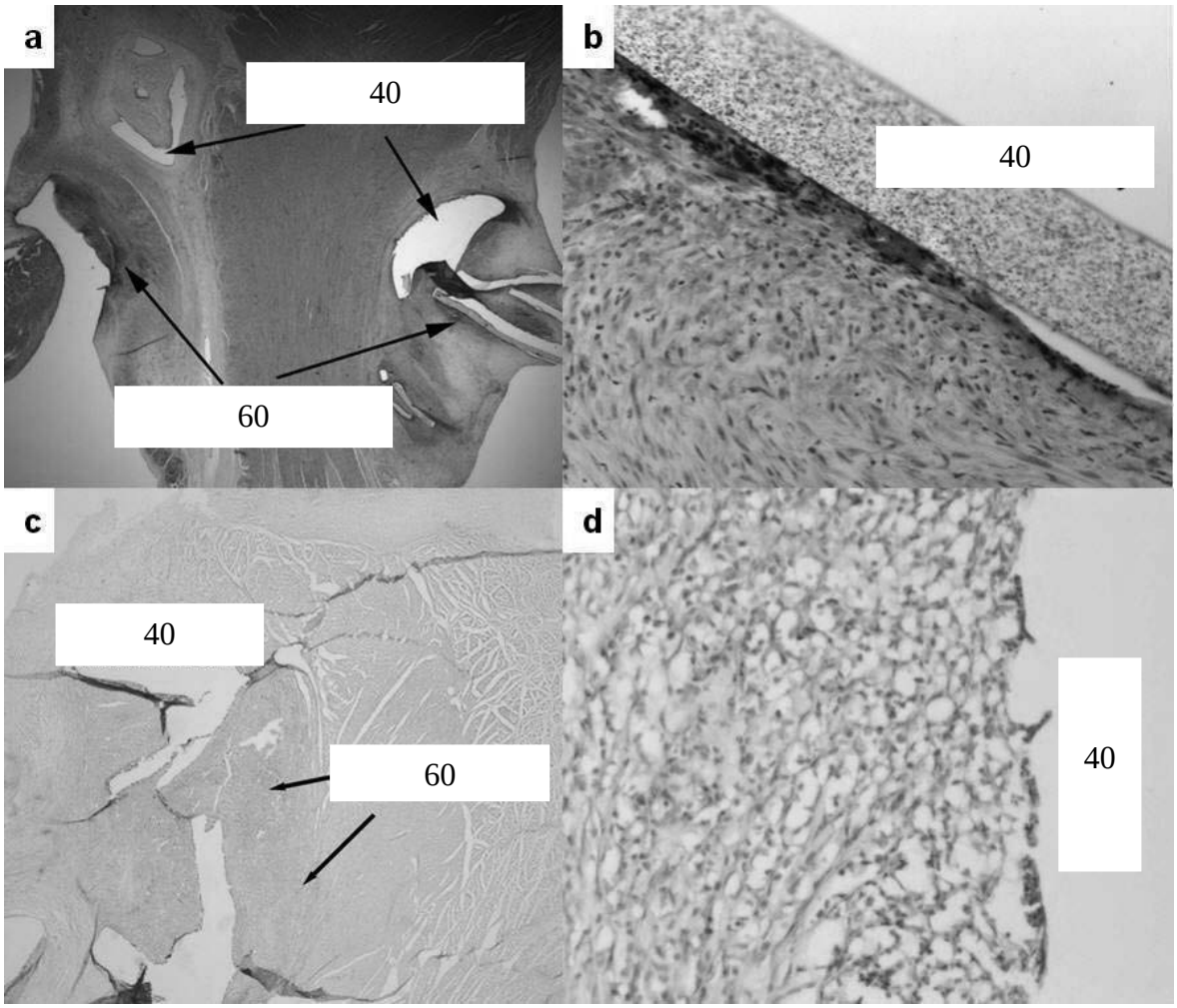

Figure 35

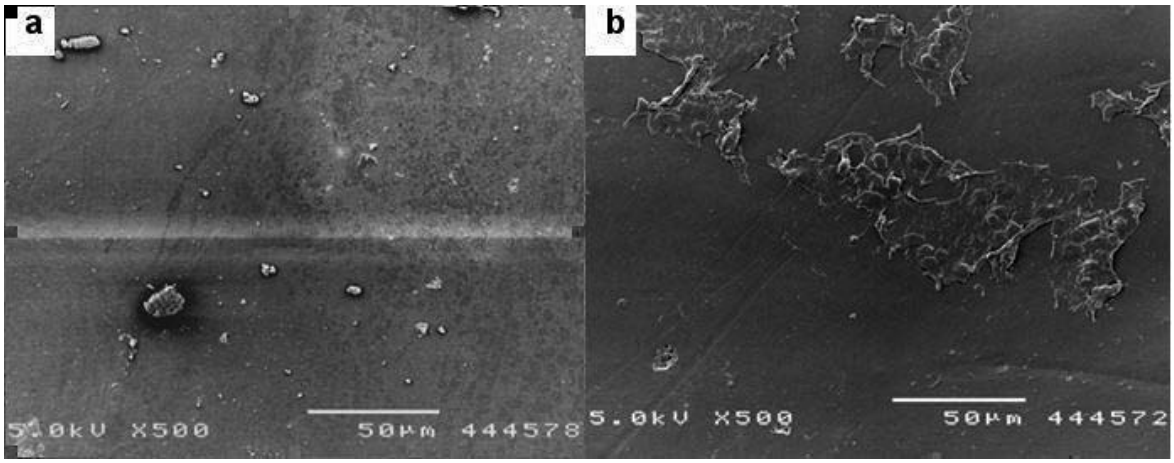

Figure 36