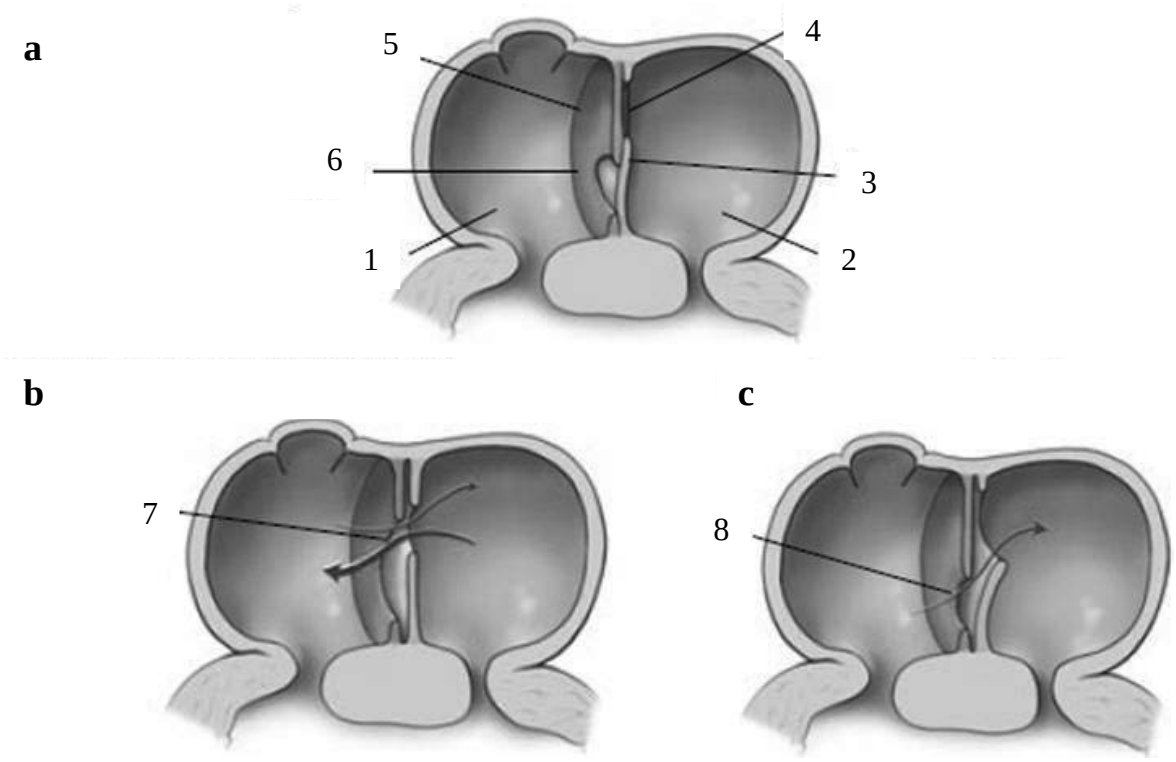



**Figure 1**

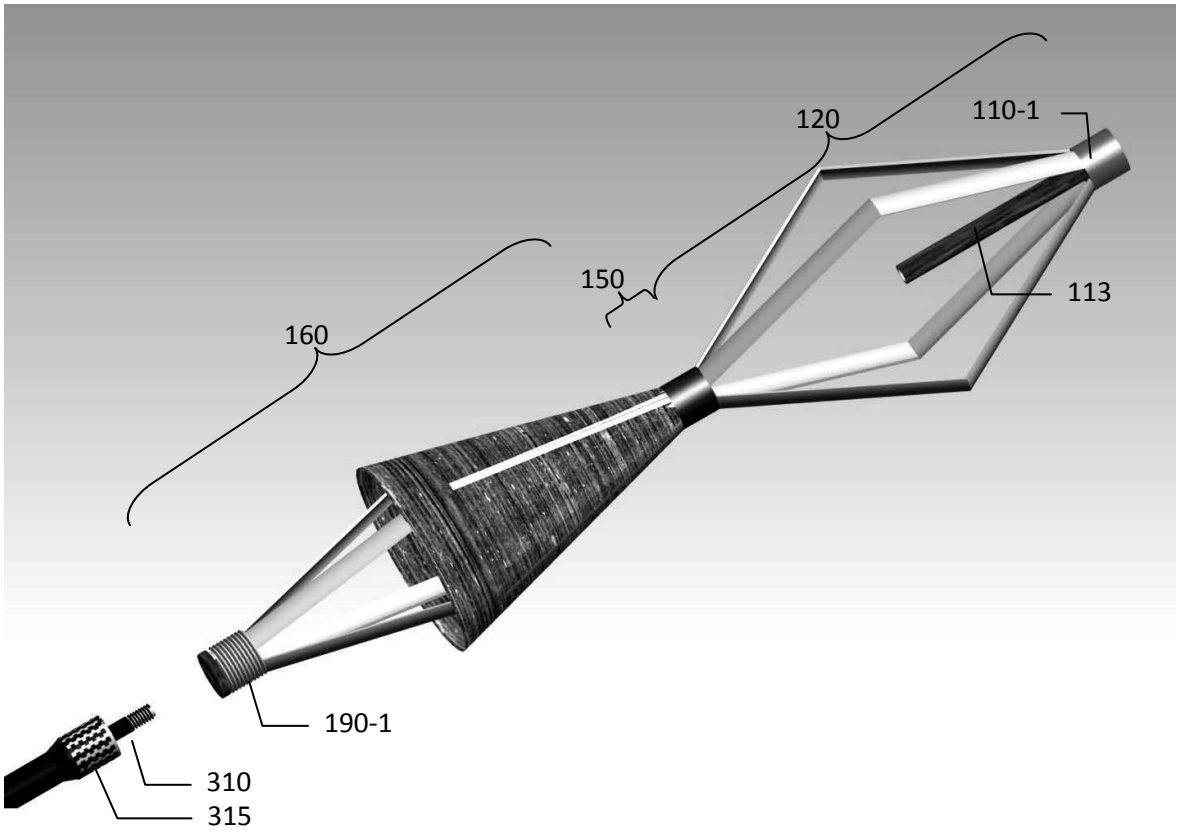



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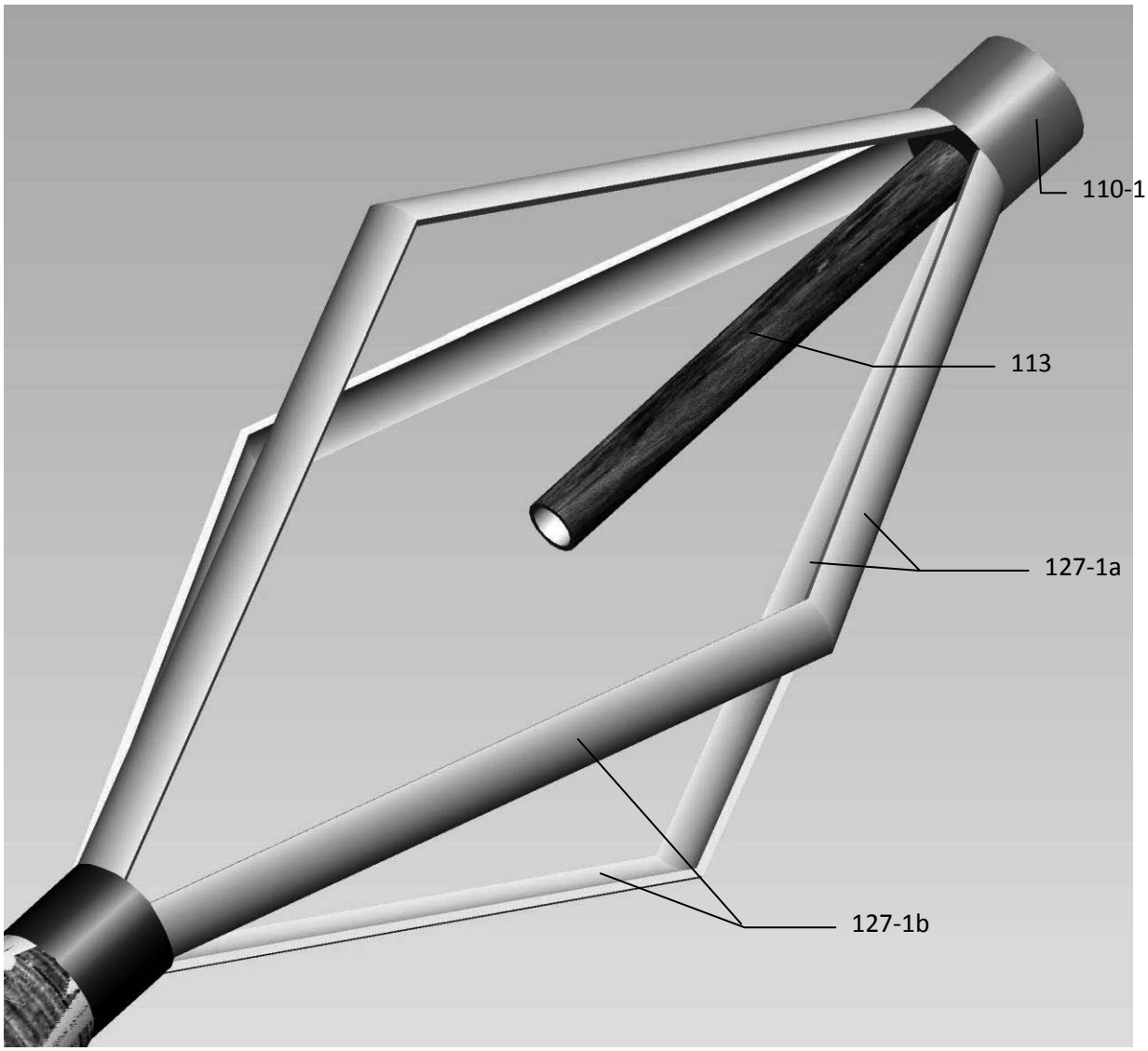



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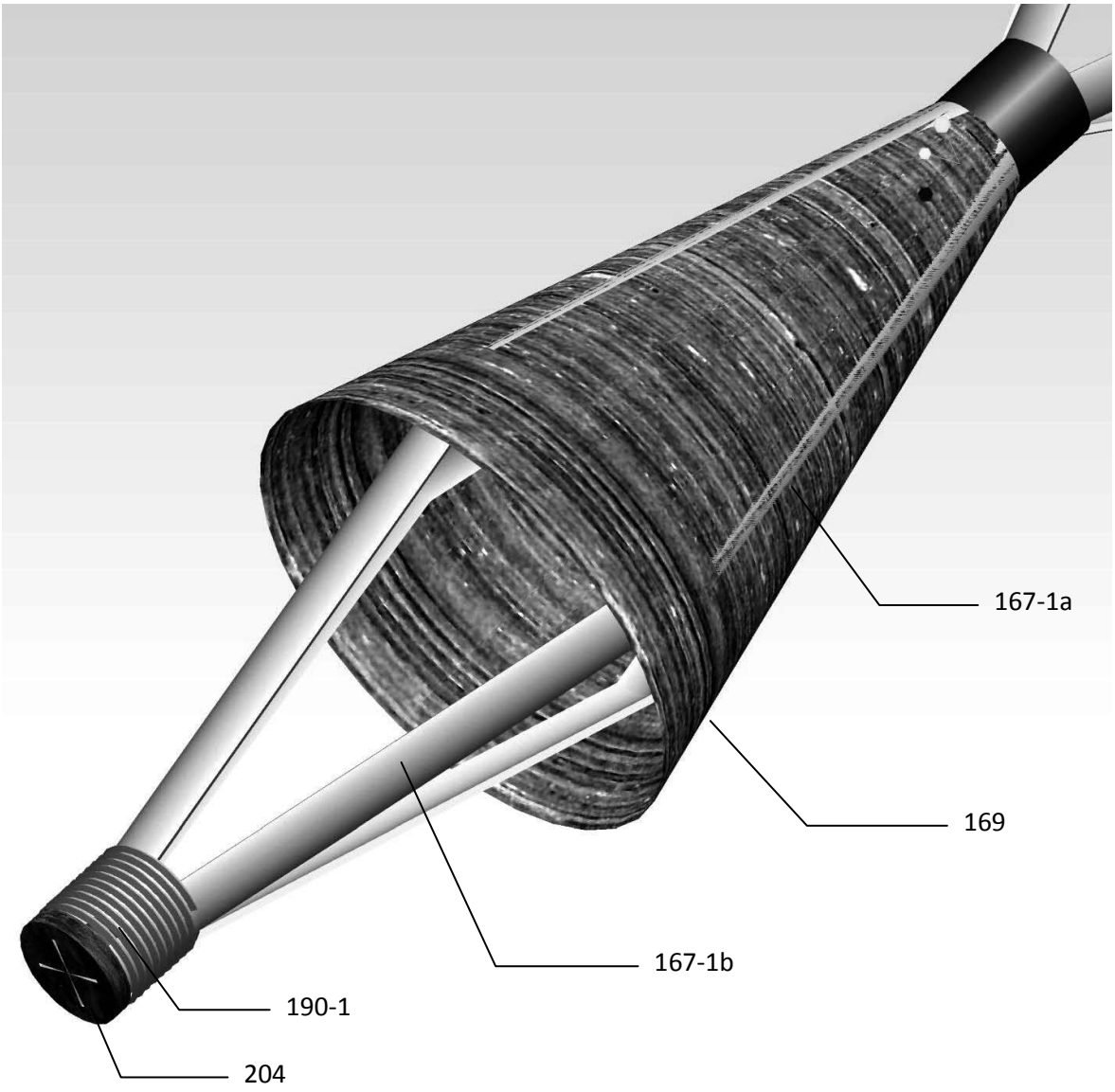



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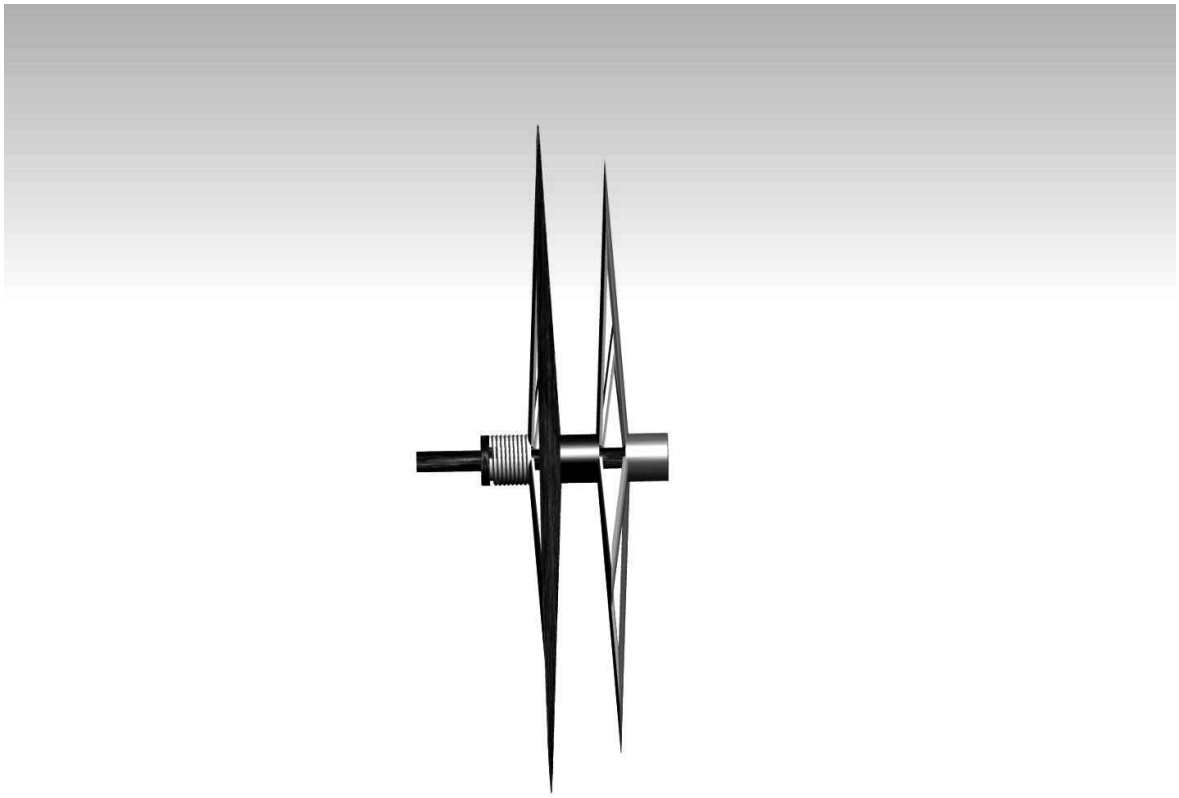


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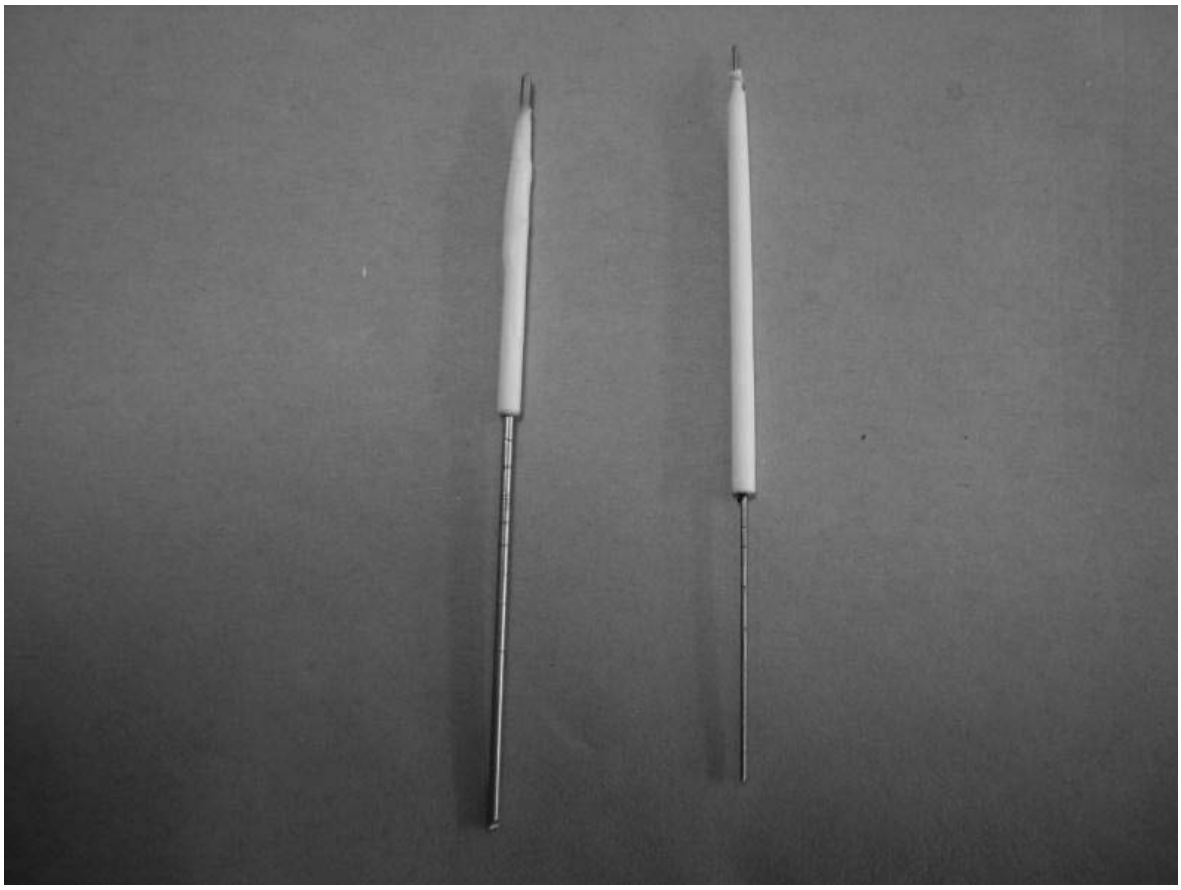


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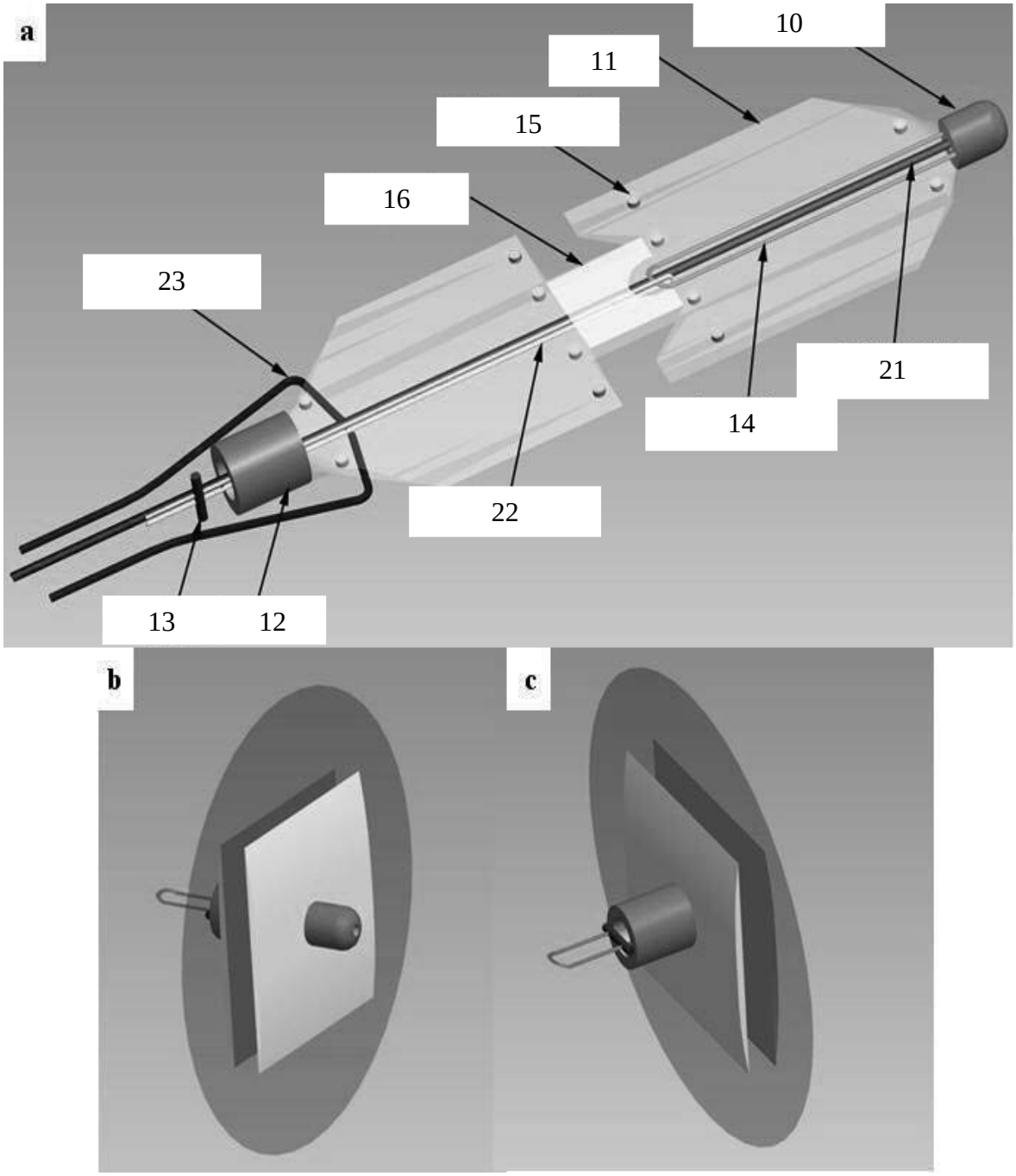



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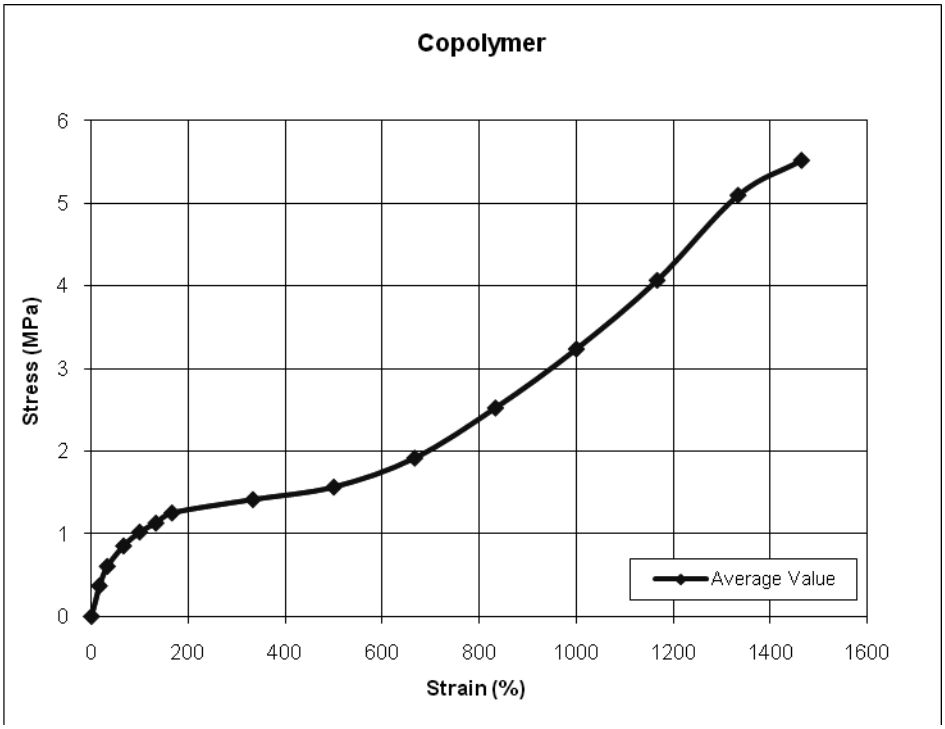

Copolymer
Stress (MPa)
Strain (%)
Average Value
0
1
2
3
4
5
6
0
200
400
600
800
1000
1200
1400
1600

**Figure 8**

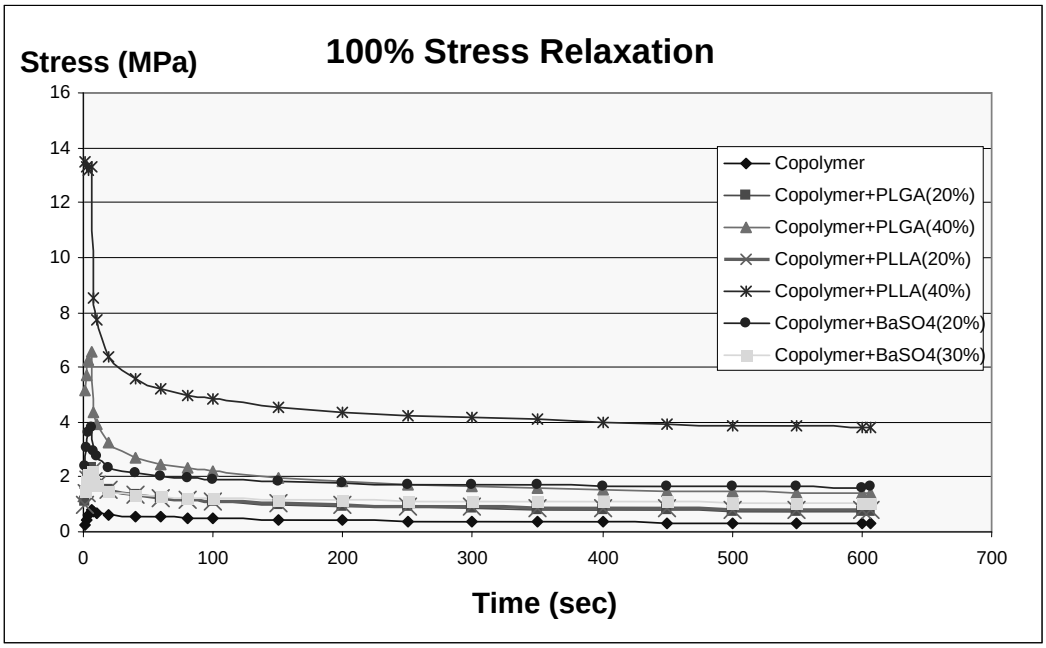



**Figure 9a**

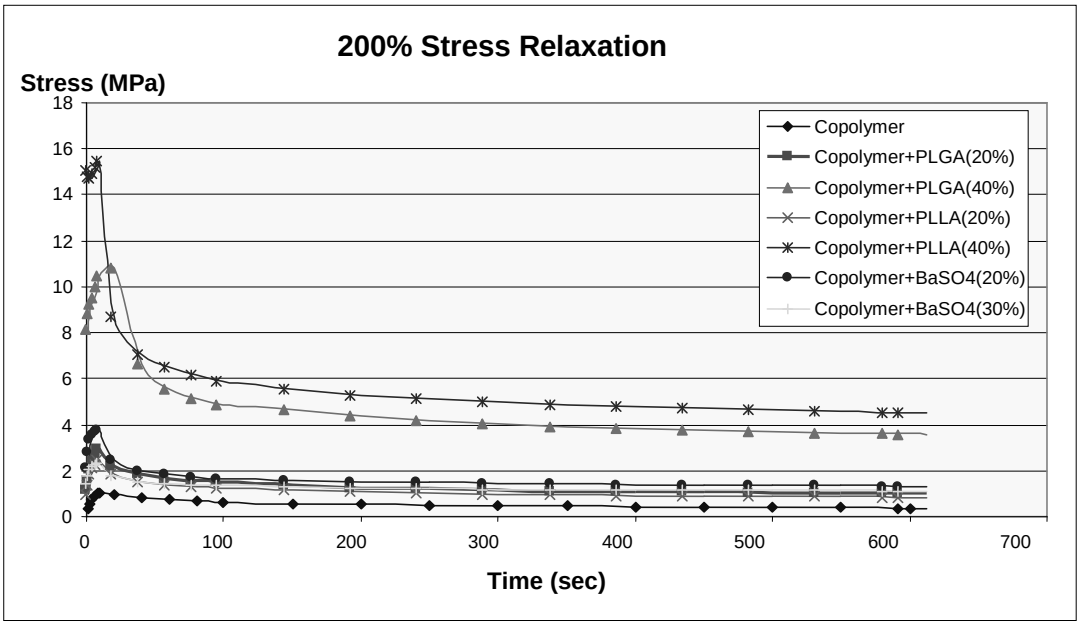



**Figure 9b**

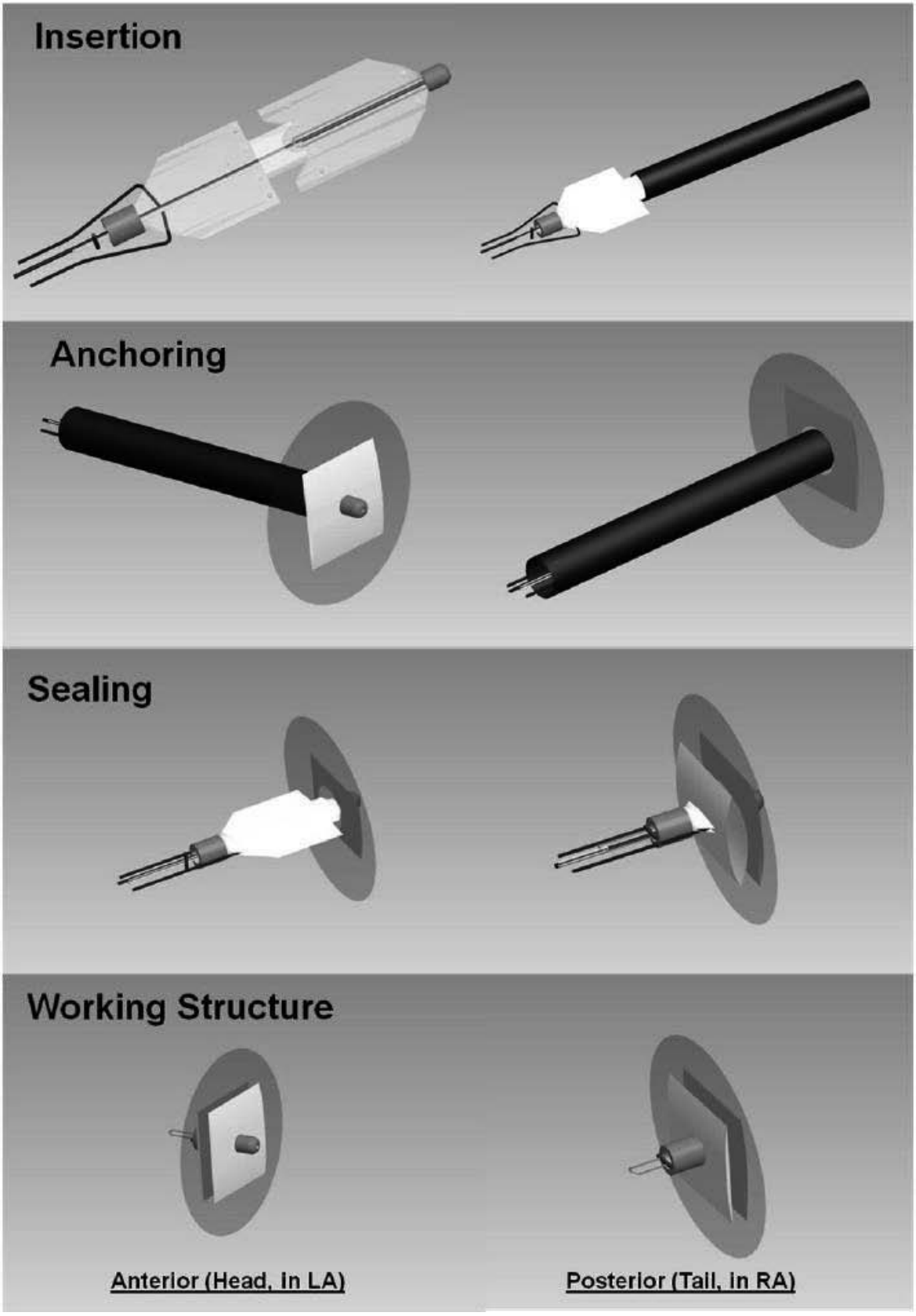

Insertion
Anchoring
Sealing
Working Structure
Anterior (Head, In LA)
Posterior (Tail, In RA)

**Figure 10**

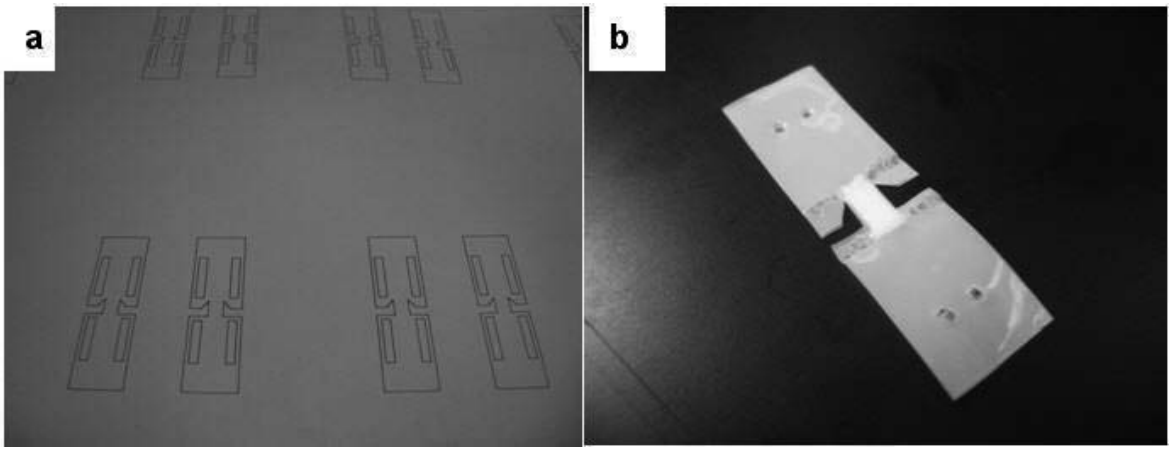



**Figure 11**

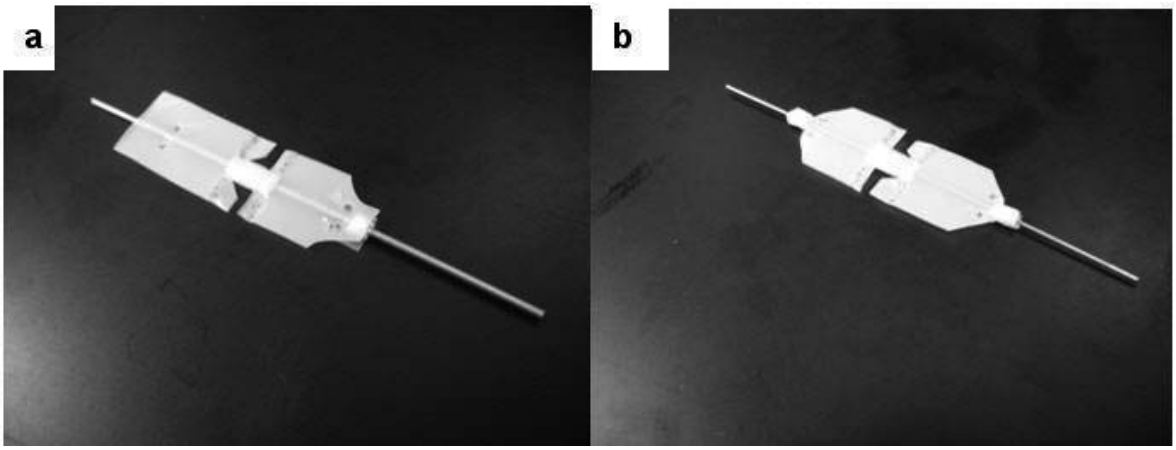



**Figure 12**

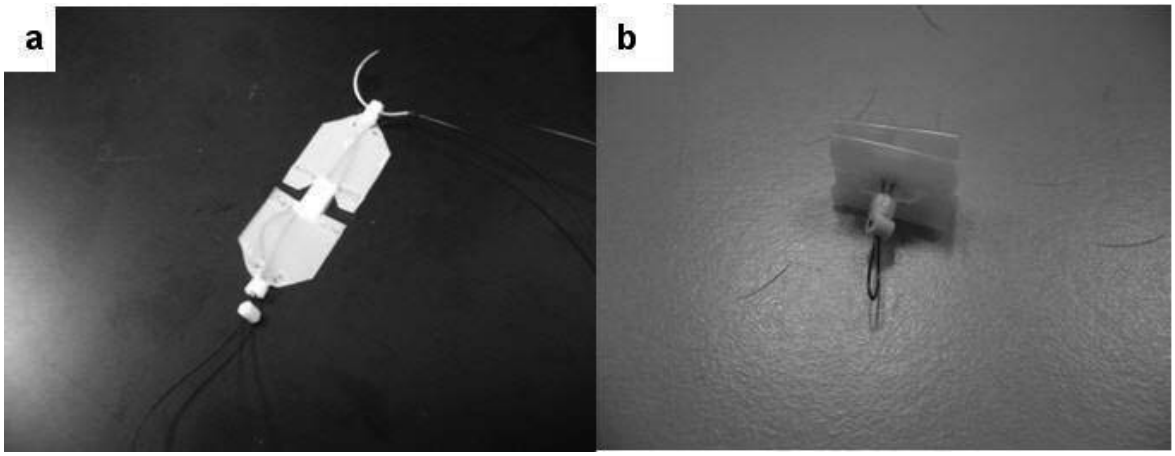



**Figure 13**

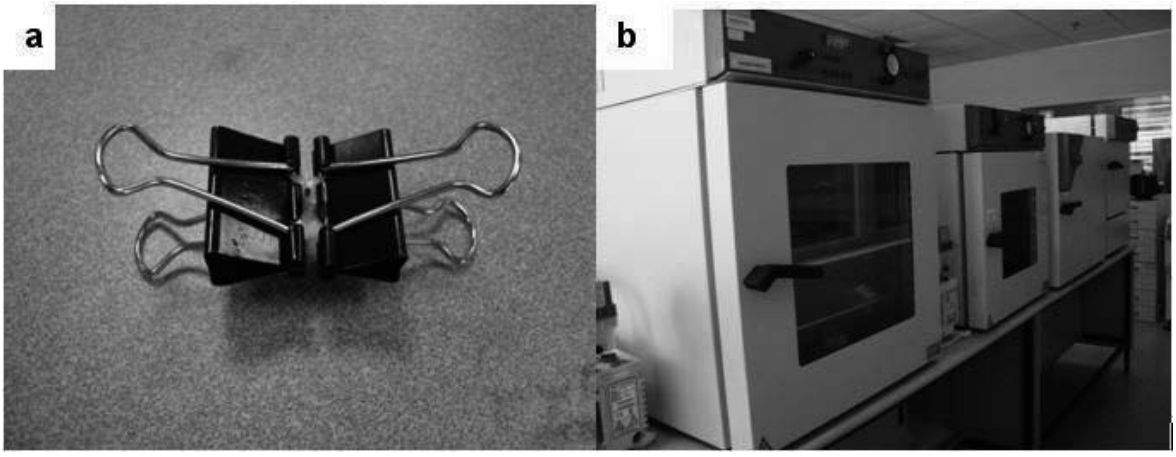



**Figure 14**

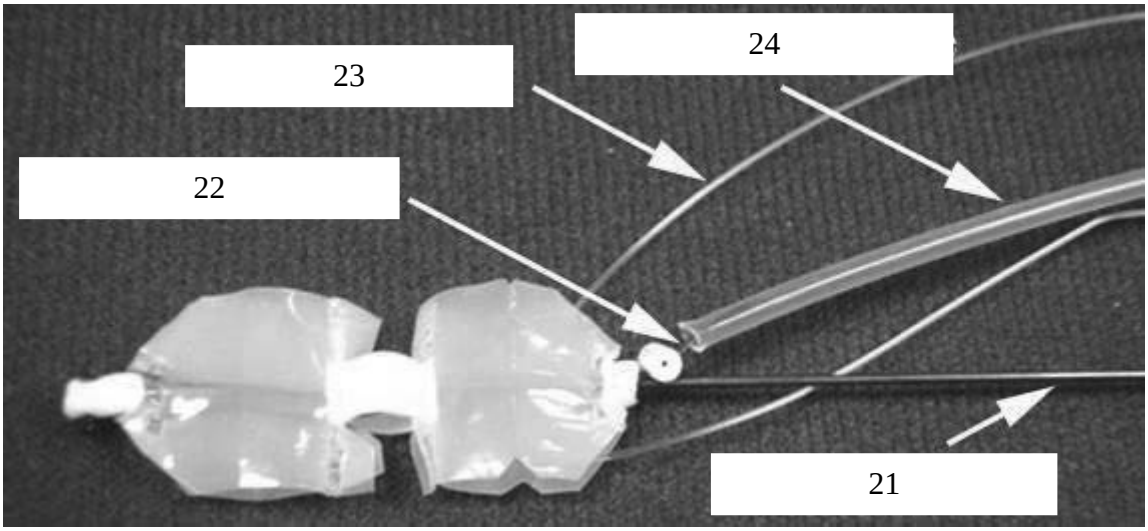



**Figure 15**

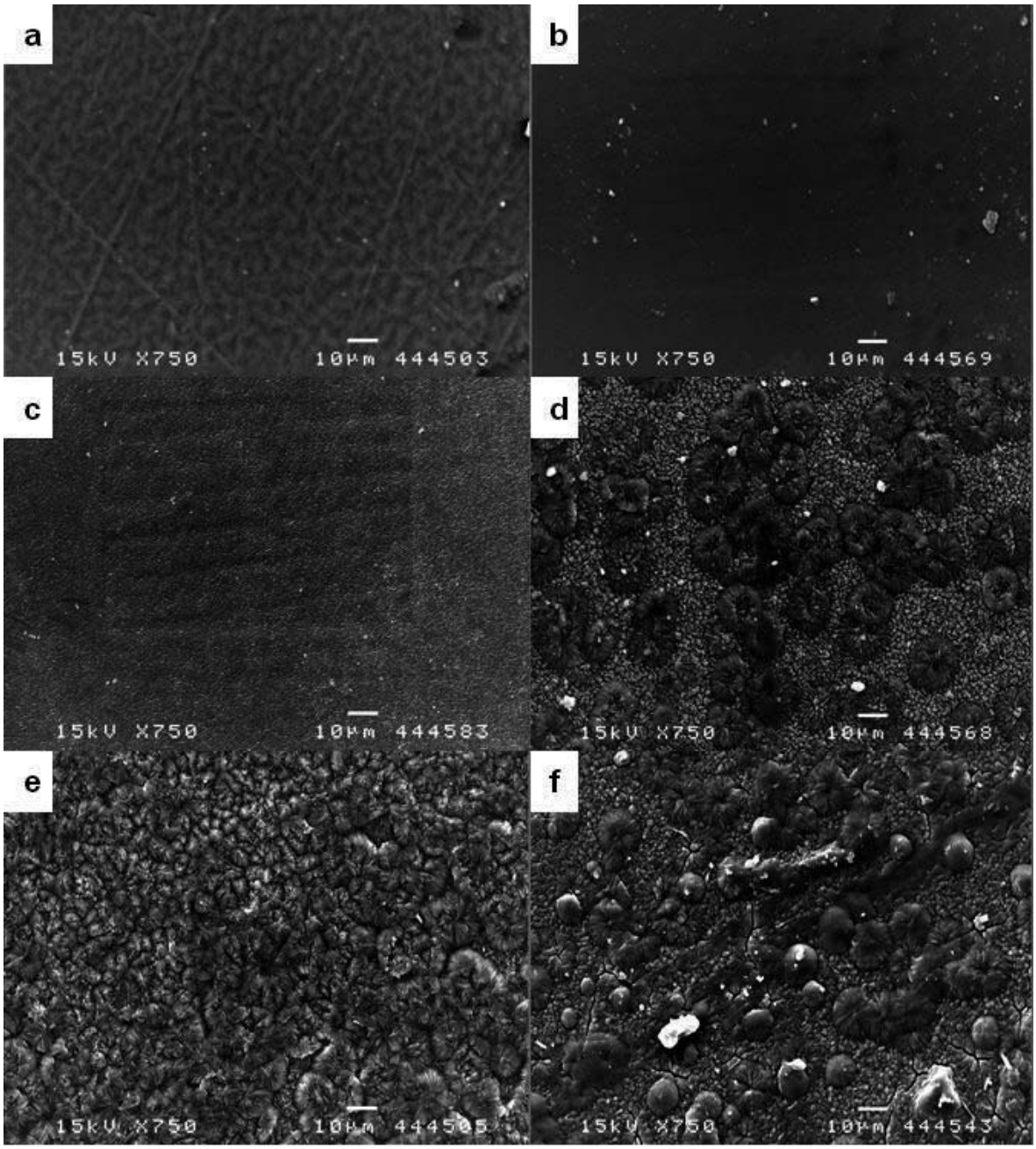

a
15kV X750 10µm 444503
b
15kV X750 10µm 444569
c
15kV X750 10µm 444583
d
15kV X750 10µm 444568
e
15kV X750 10µm 444505
f
15kV X750 10µm 444543

**Figure 16**

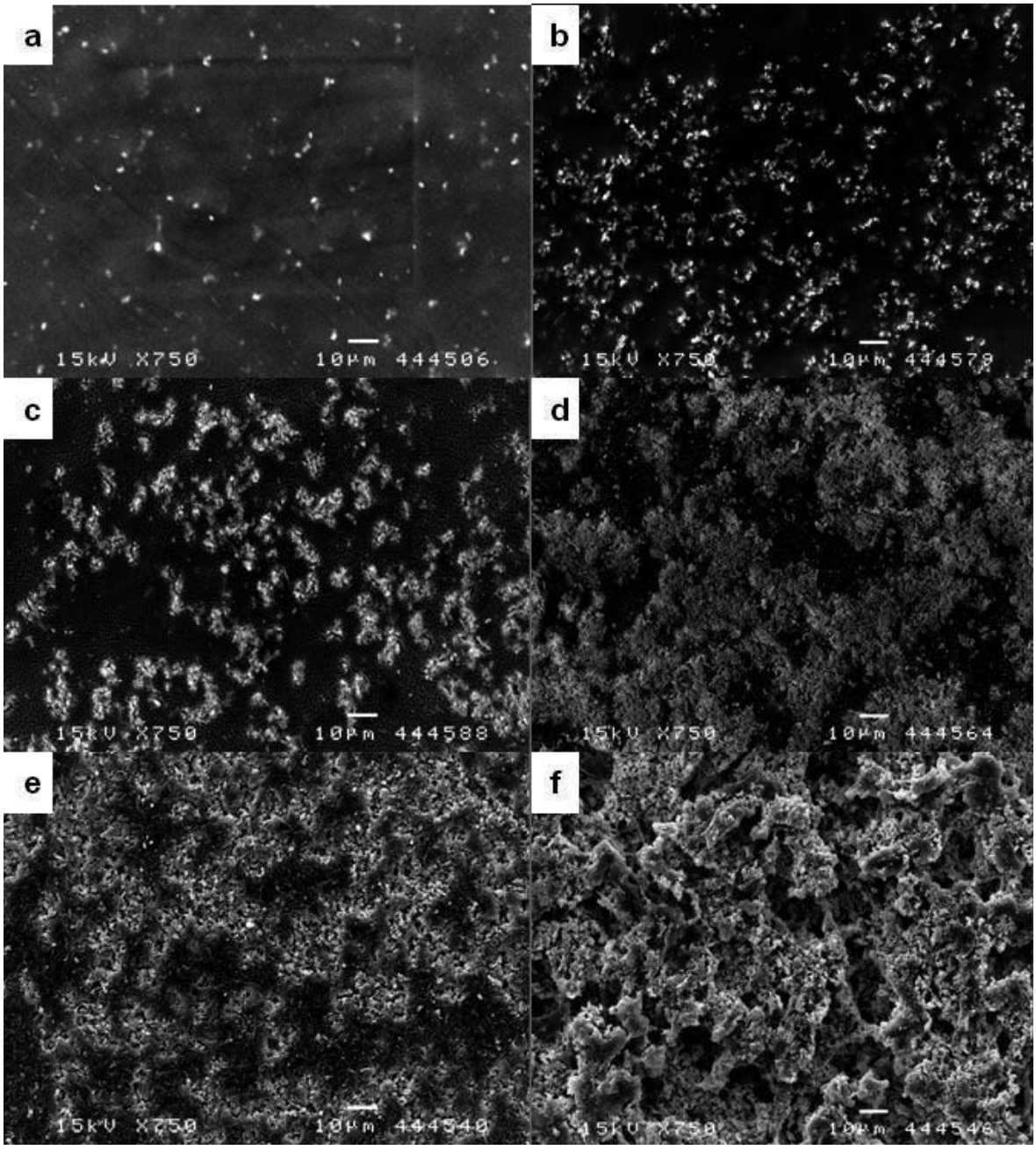

a
15kV X750 10µm 444506
b
15kV X750 10µm 444578
c
15kV X750 10µm 444588
d
15kV X750 10µm 444564
e
15kV X750 10µm 444540
f
15kV X750 10µm 444546

**Figure 17**

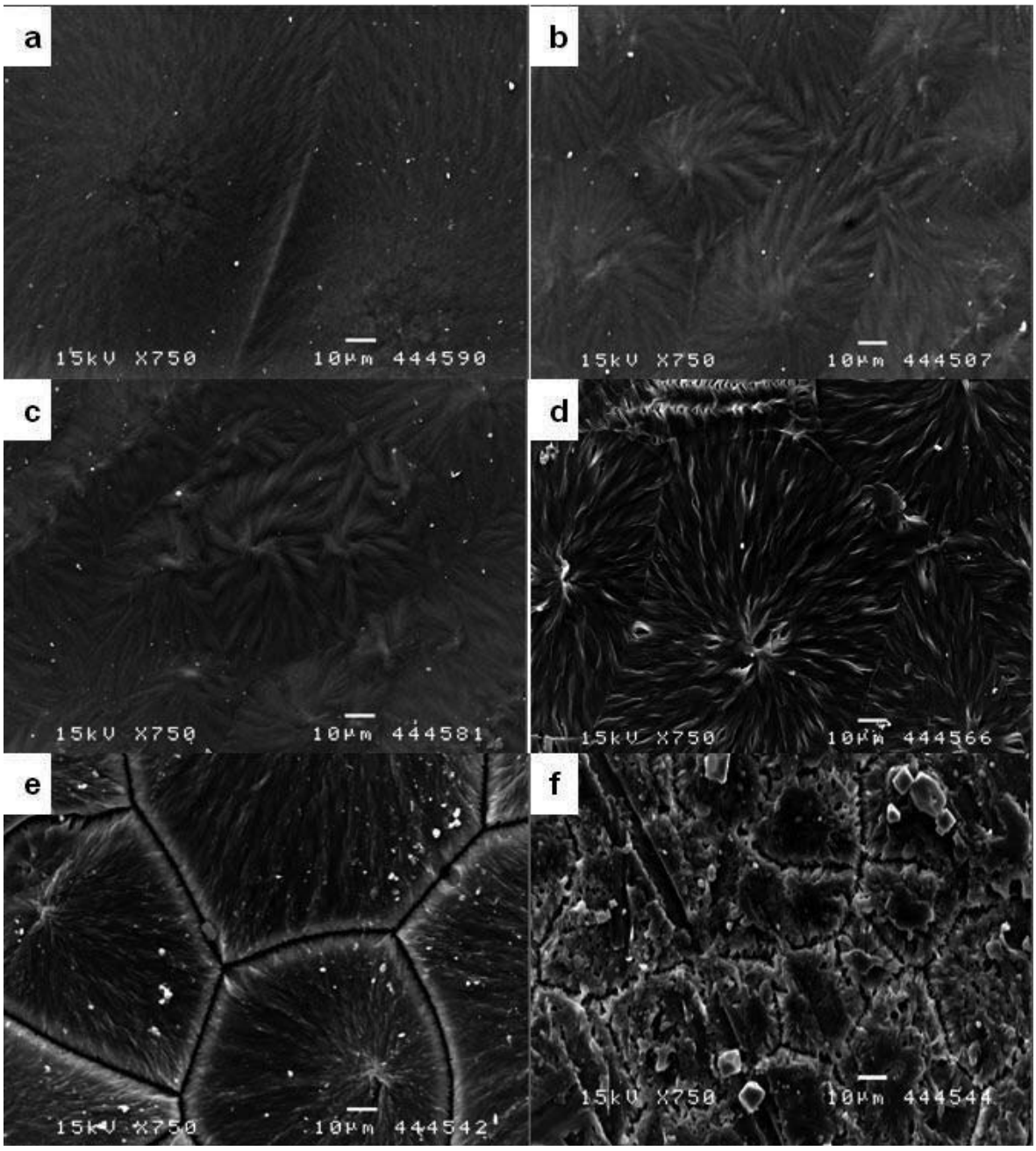

a
15kV X750 10µm 444590
b
15kV X750 10µm 444507
c
15kV X750 10µm 444581
d
15kV X750 10µm 444566
e
15kV X750 10µm 444542
f
15kV X750 10µm 444544

**Figure 18**

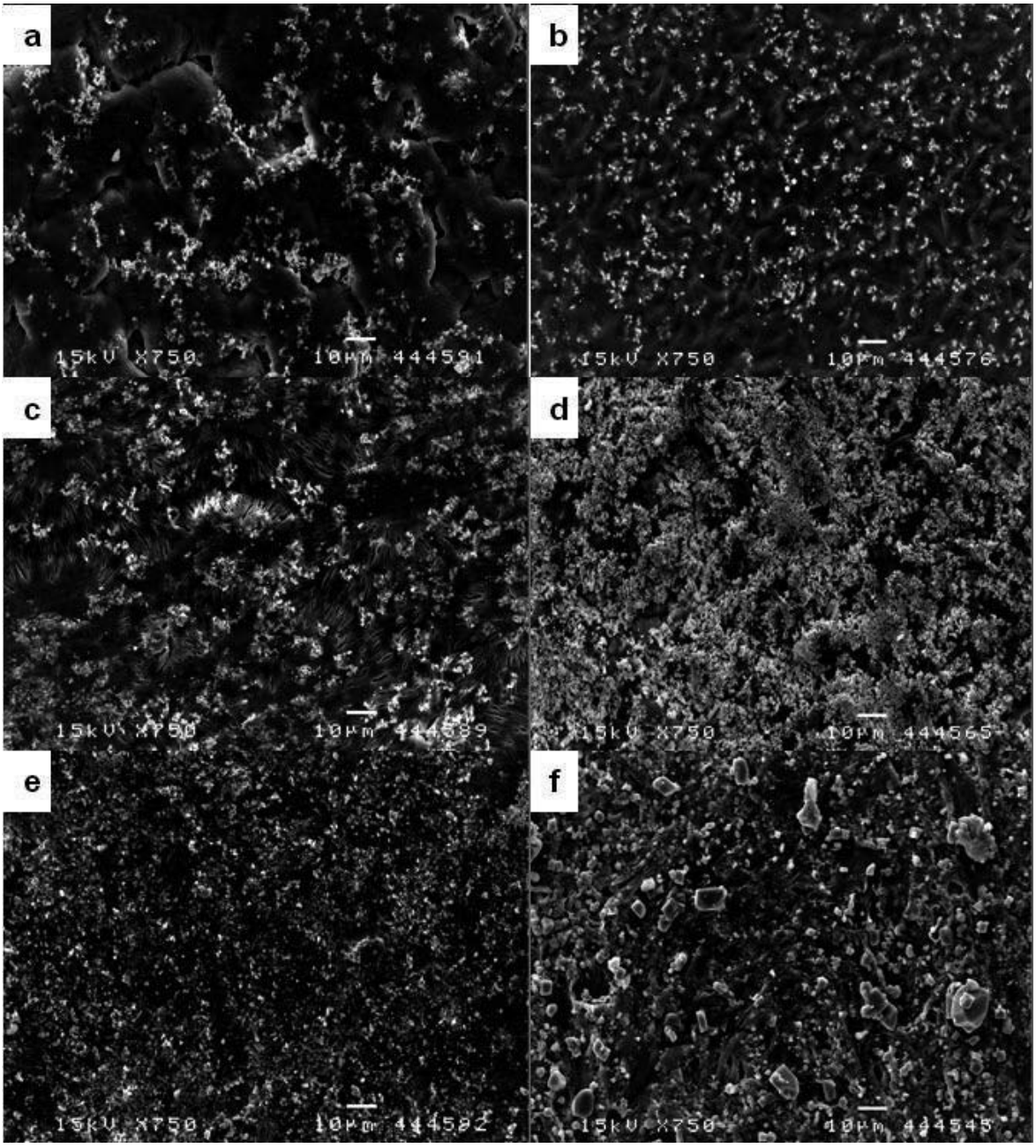

a
15kV X750 10µm 444591
b
15kV X750 10µm 444576
c
15kV X750 10µm 444589
d
15kV X750 10µm 444565
e
15kV X750 10µm 444582
f
15kV X750 10µm 444545

**Figure 19**

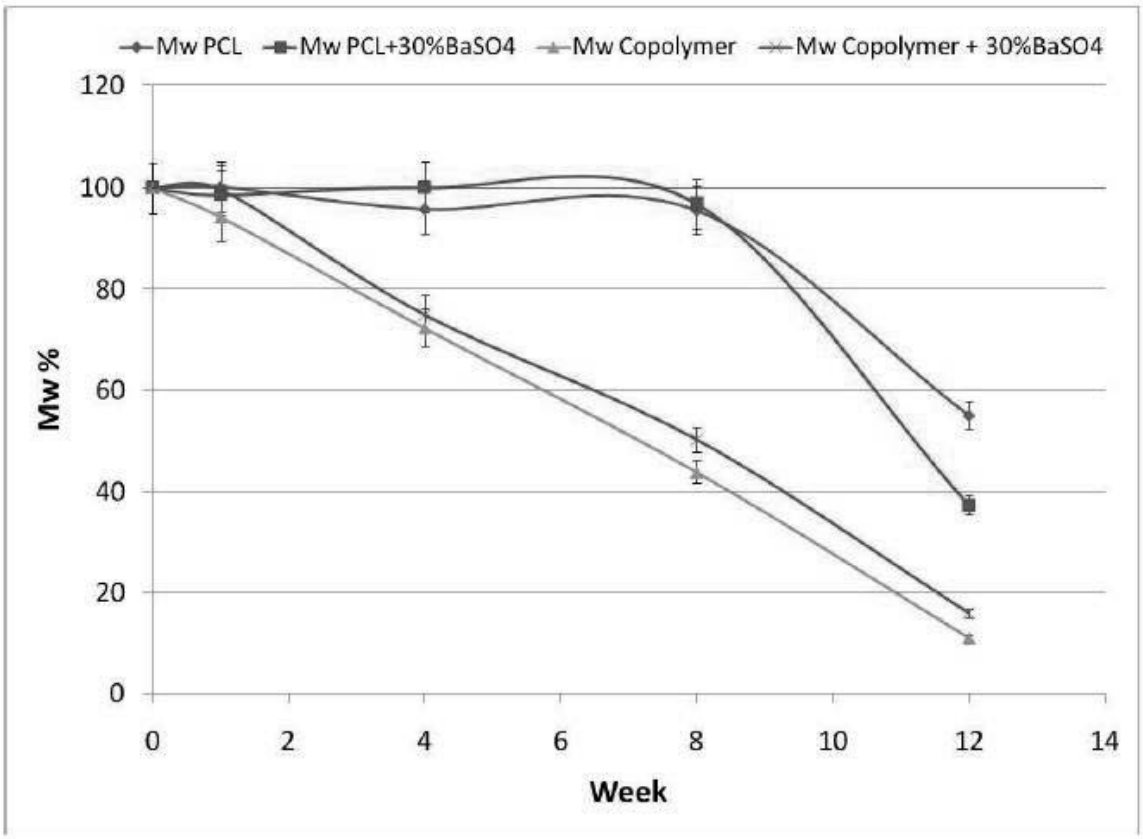

Mw PCL
Mw PCL+30%BaSO4
Mw Copolymer
Mw Copolymer + 30%BaSO4
120
100
80
60
40
20
0
Mw %
0
2
4
6
8
10
12
14
Week

**Figure 20**

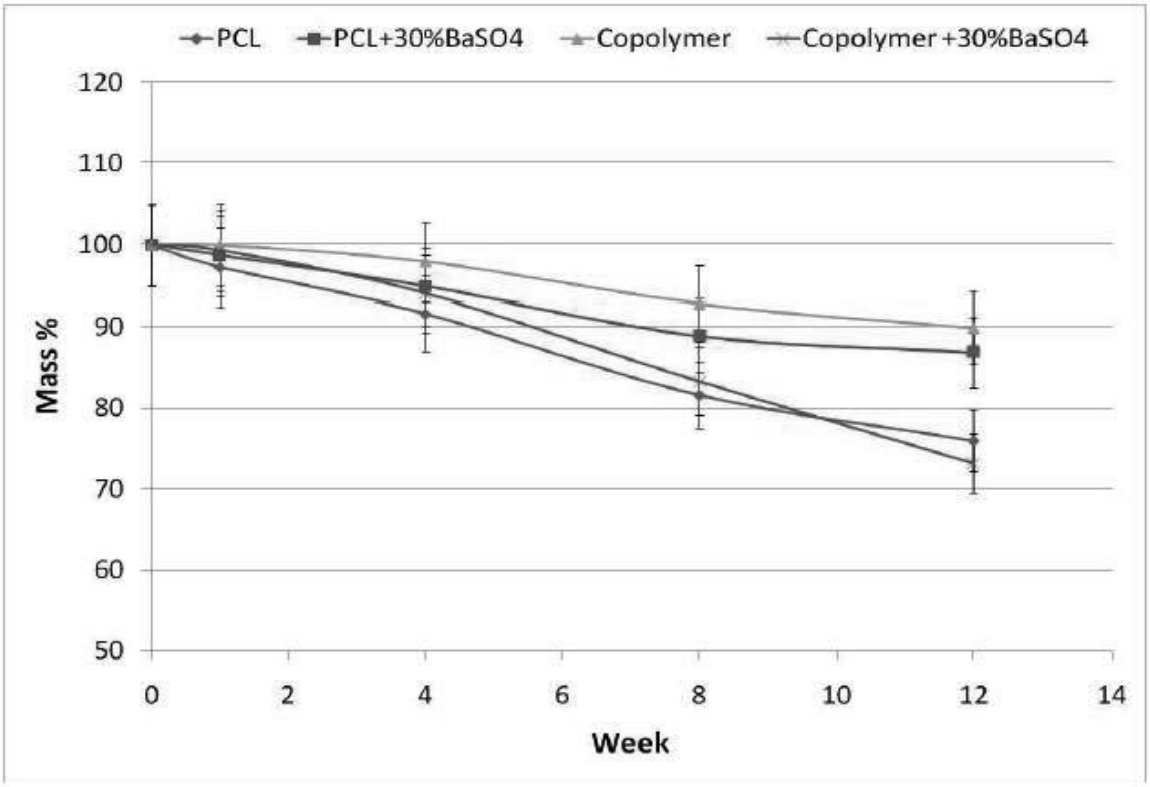



**Figure 21**

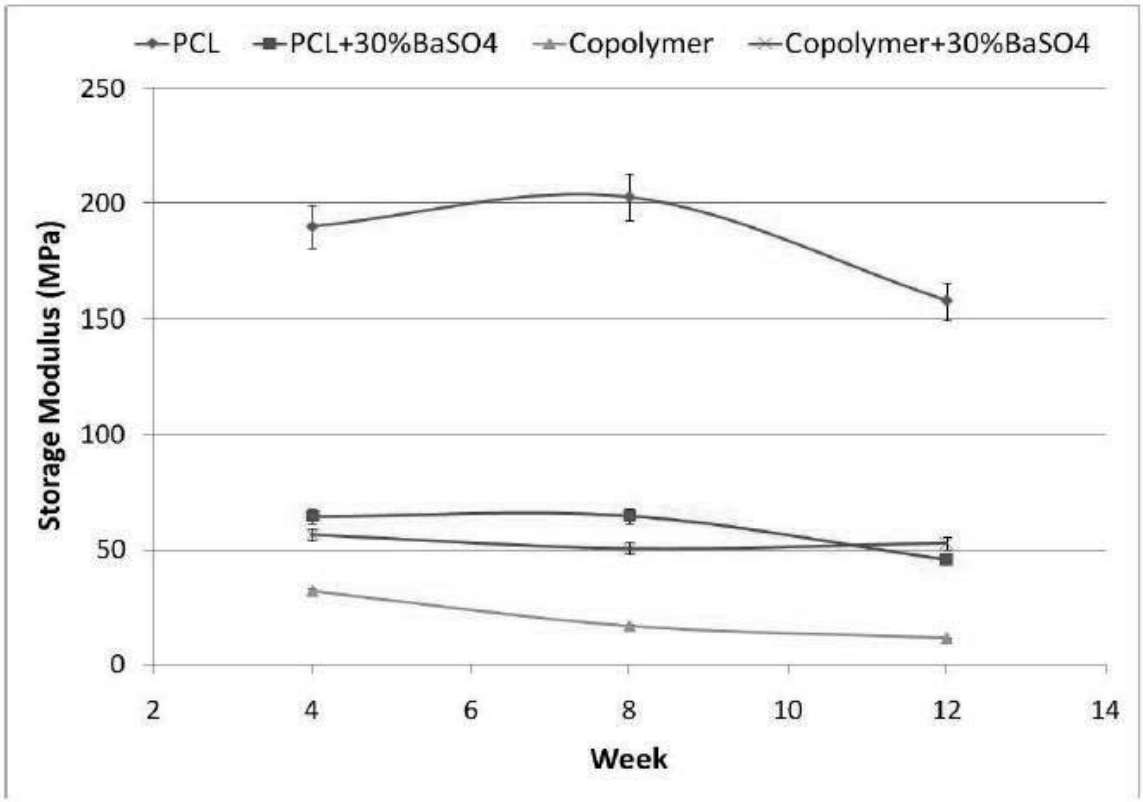



**Figure 22**

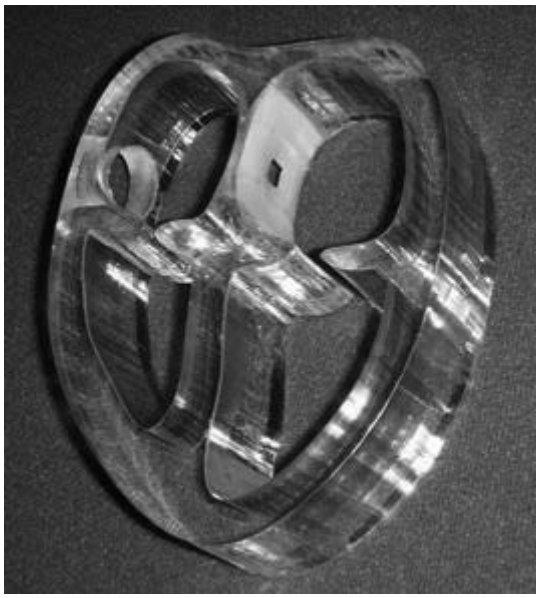


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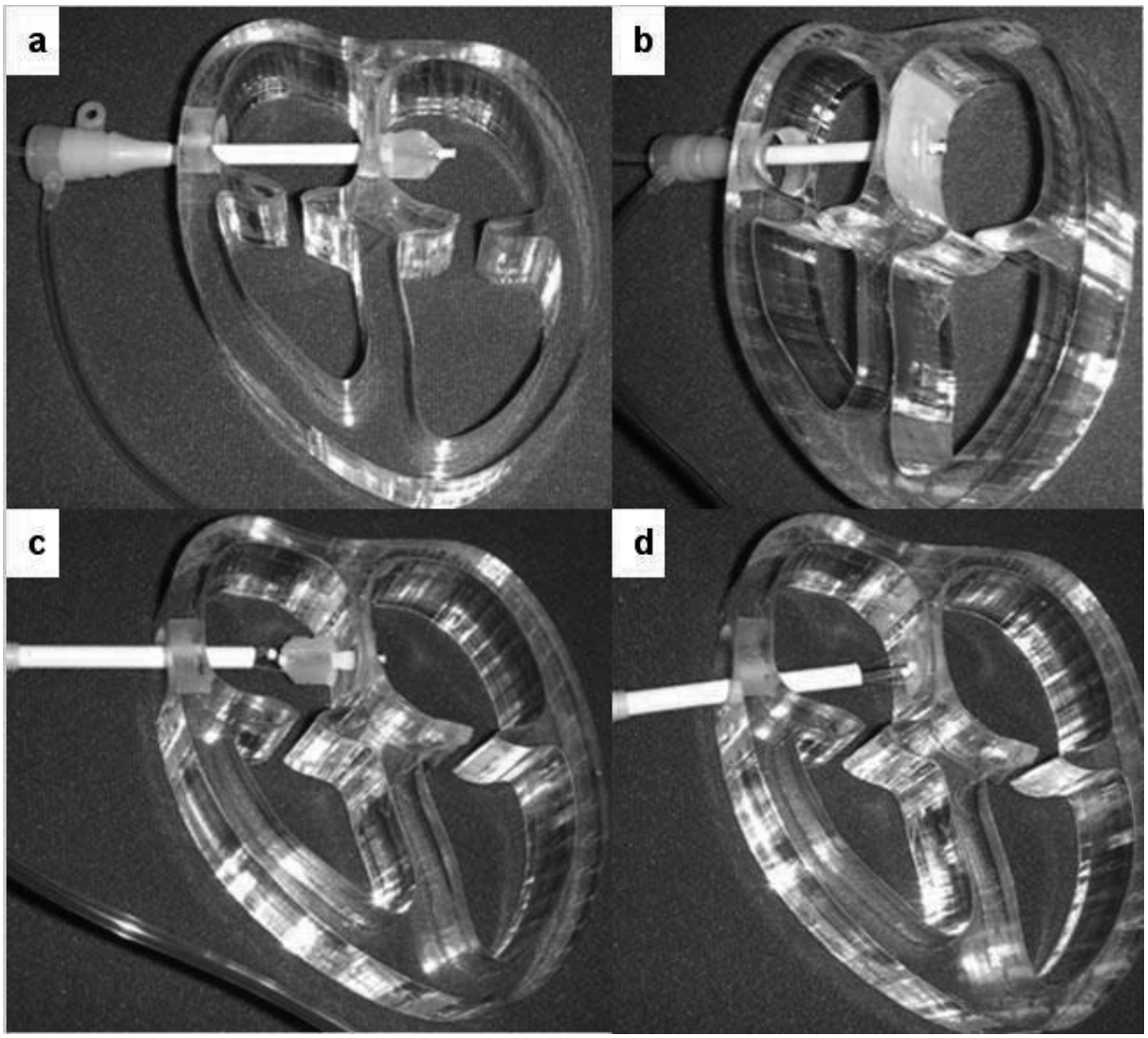



**Figure 24**

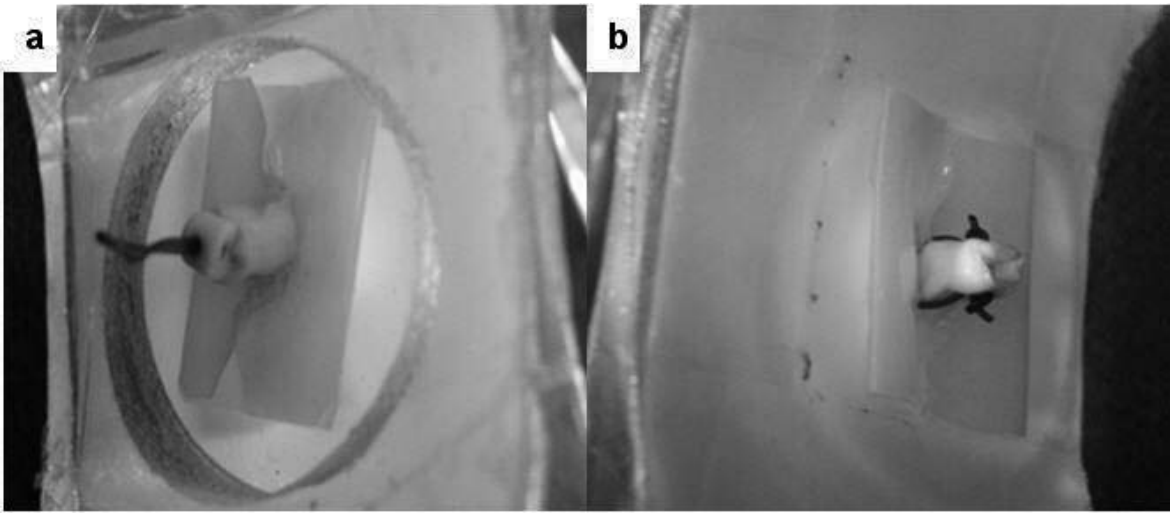



**Figure 25**

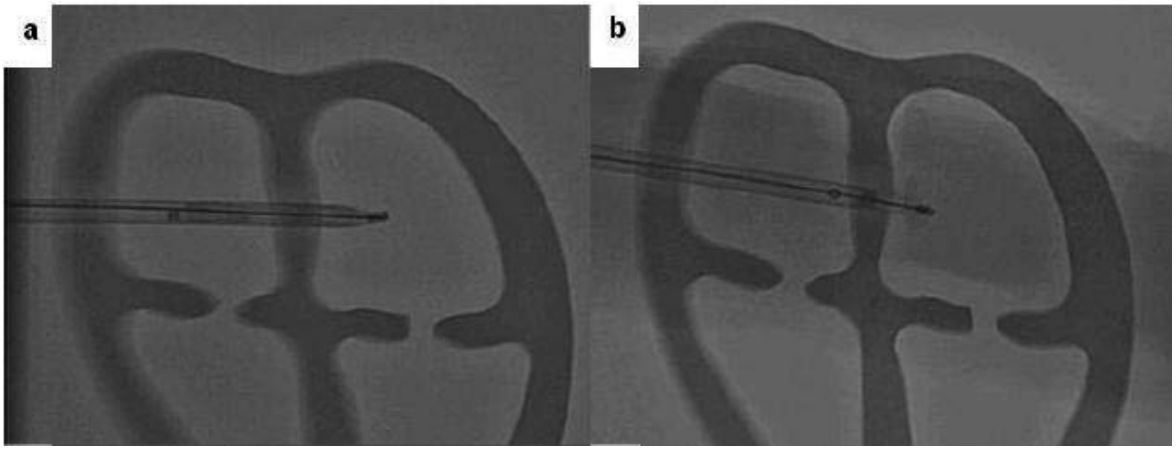



**Figure 26**

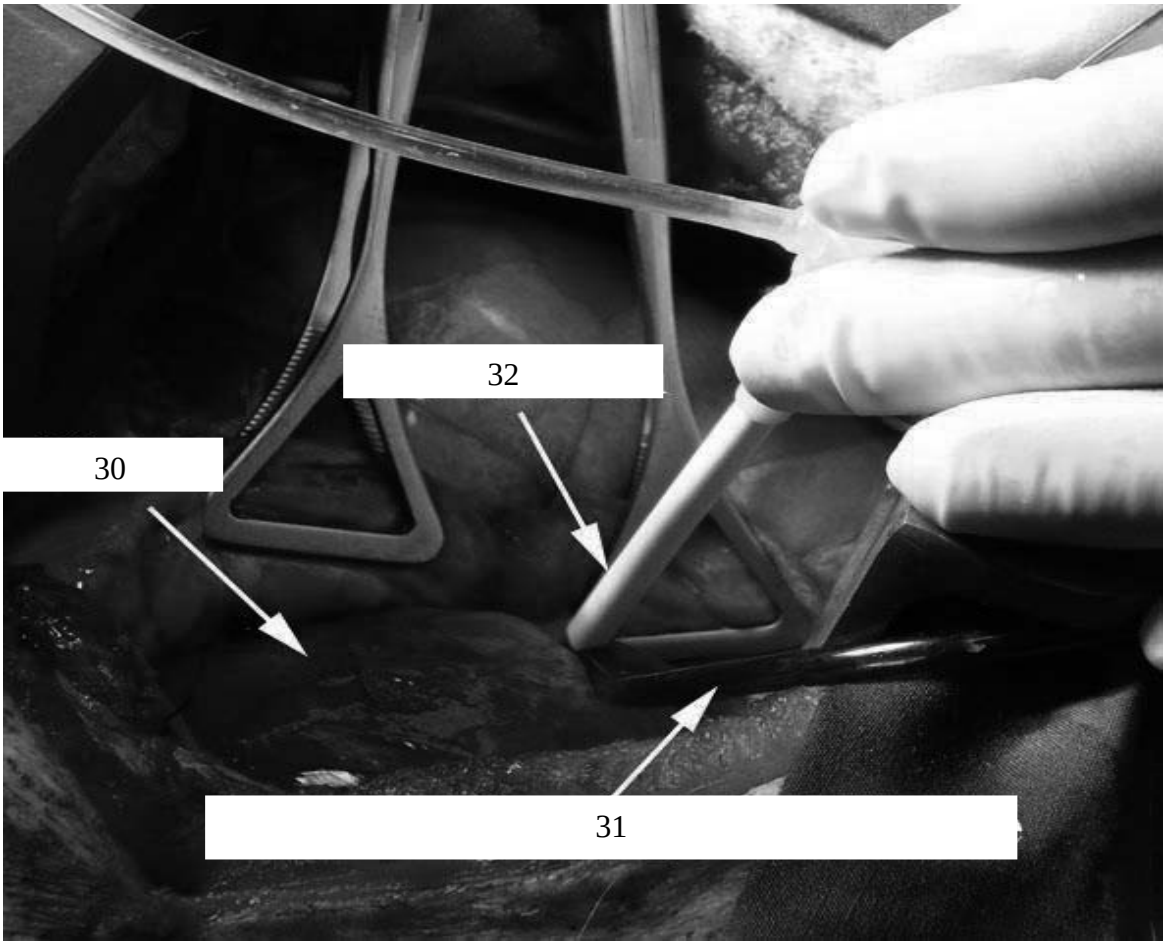



**Figure 27**

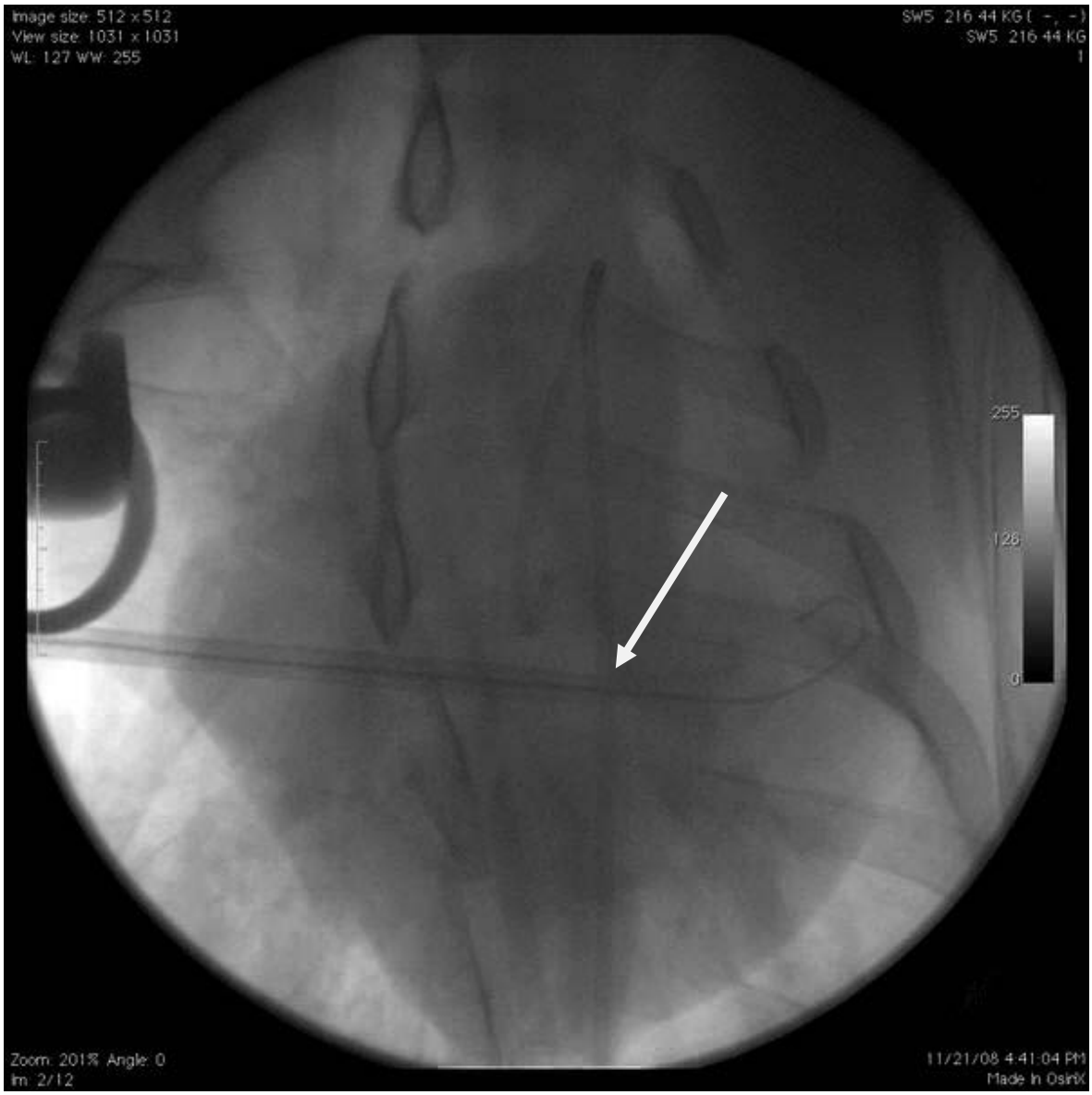

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View size: 1031 x 1031
WL: 127 WW: 255
SW5 216 44 KG ( -, -)
SW5 216 44 KG
1
255
128
0
Zoom: 201% Angle: 0
Im: 2/12
11/21/08 4:41:04 PM
Made in OsiriX

**Figure 28**

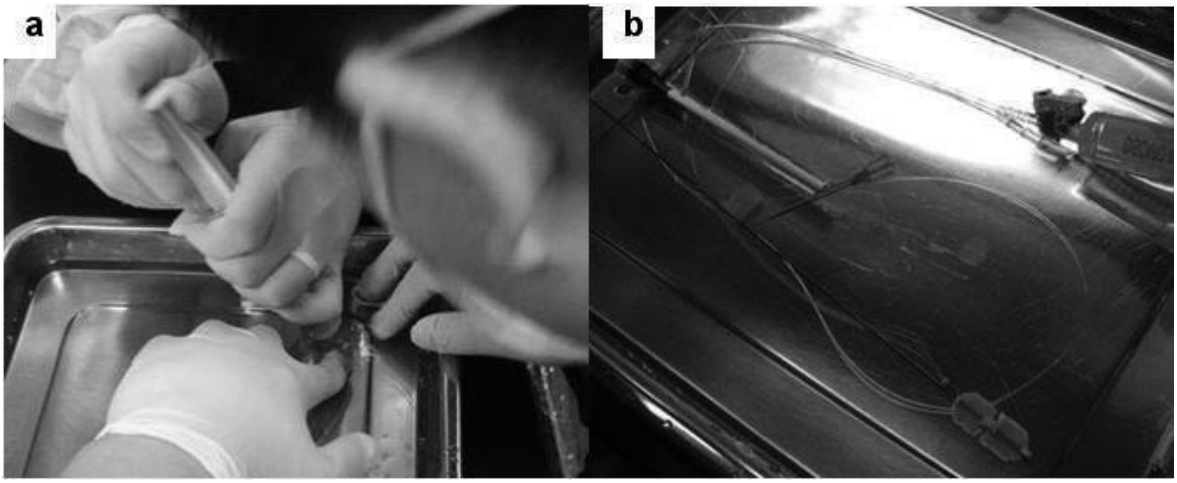



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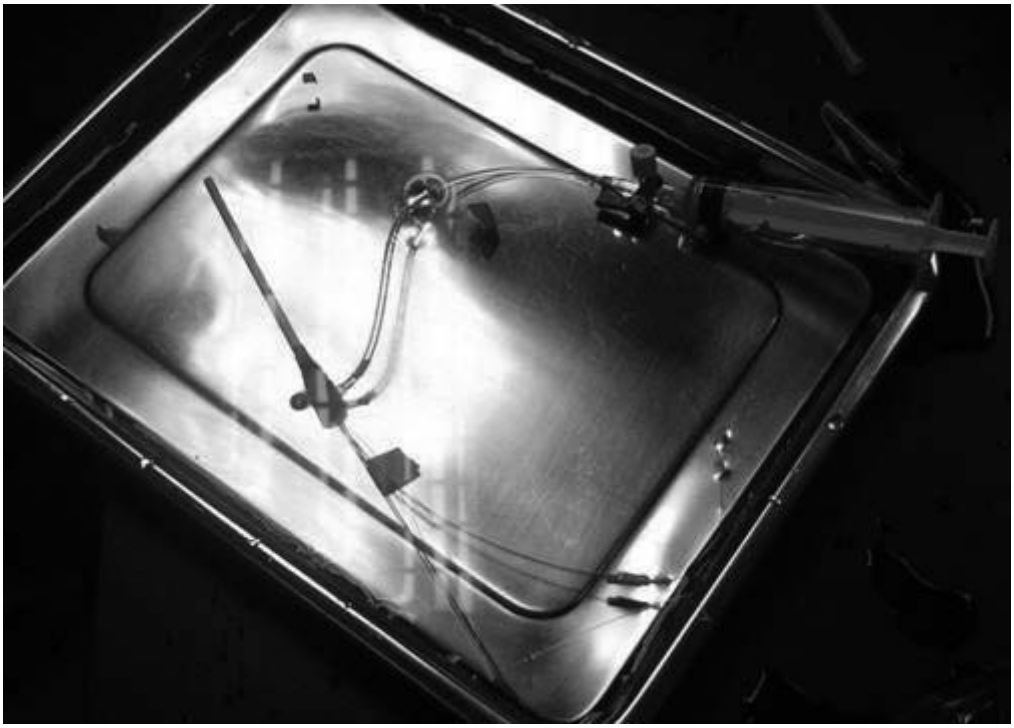


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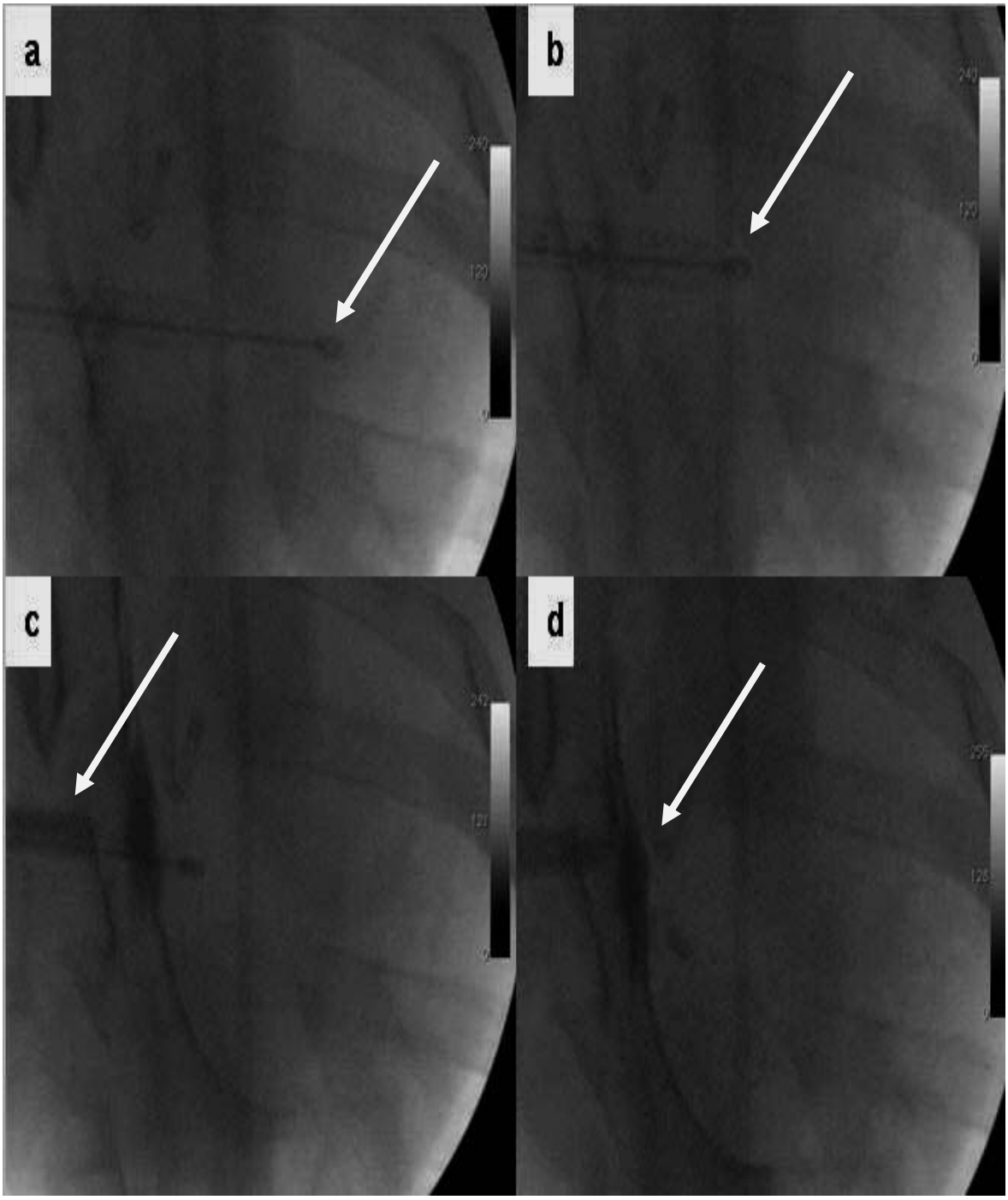



**Figure 31**

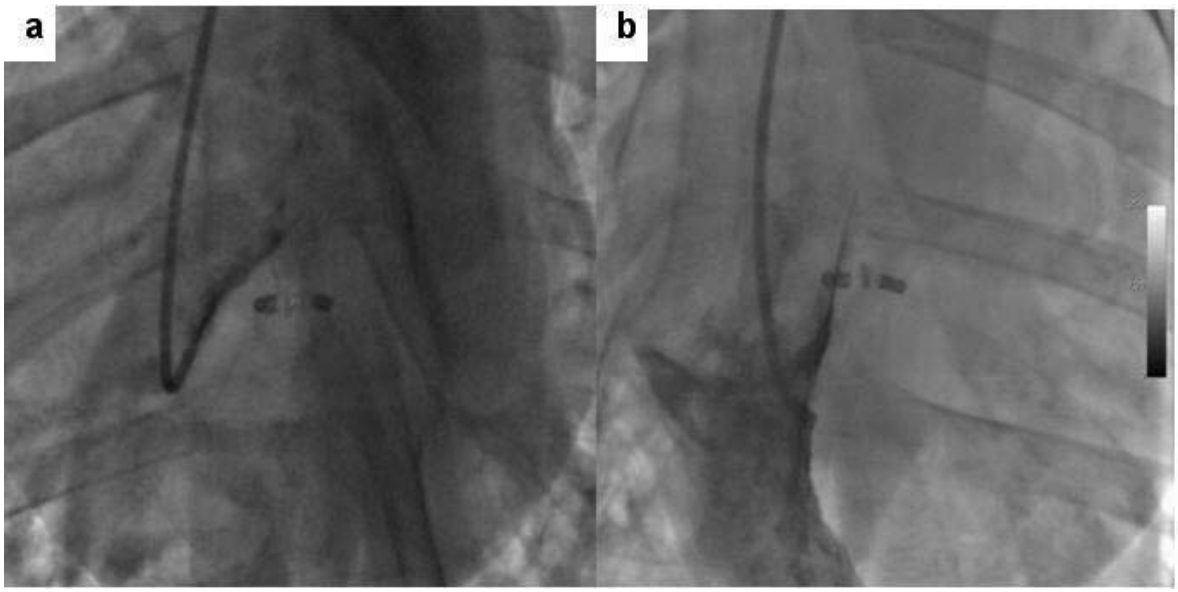



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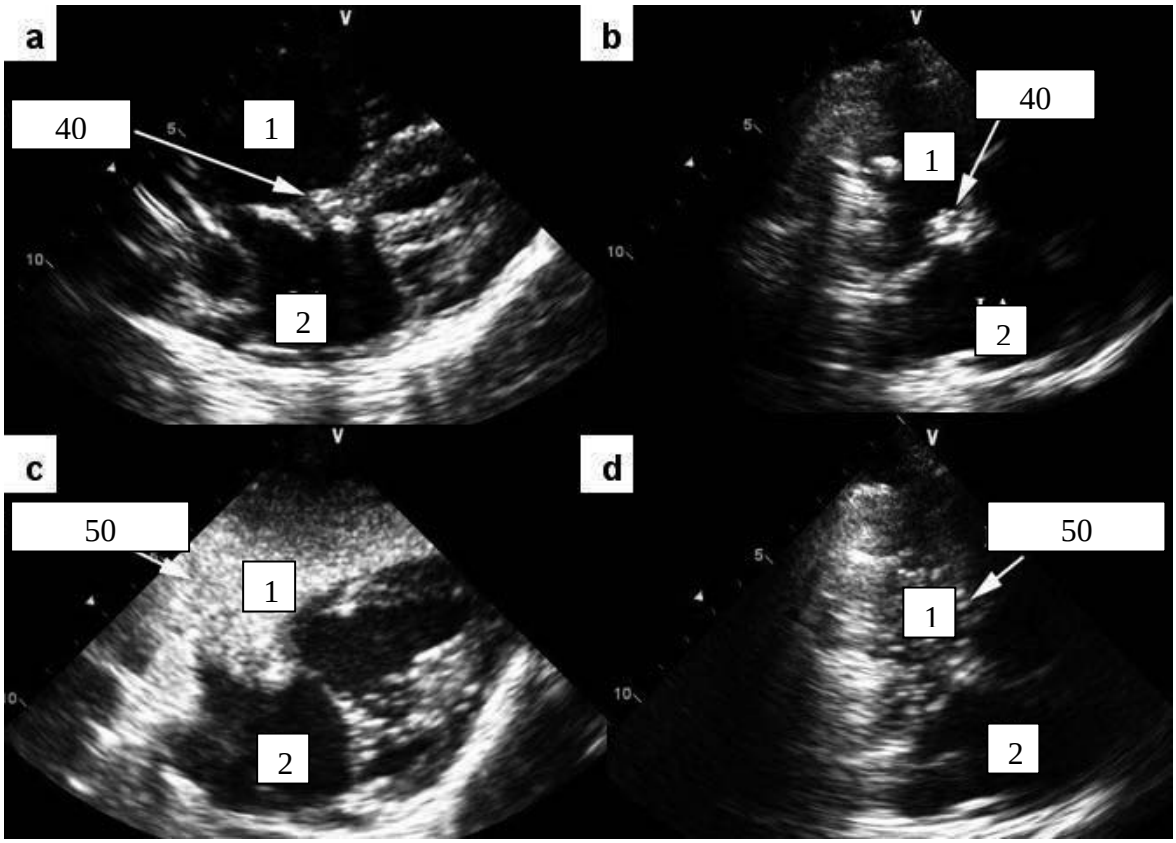



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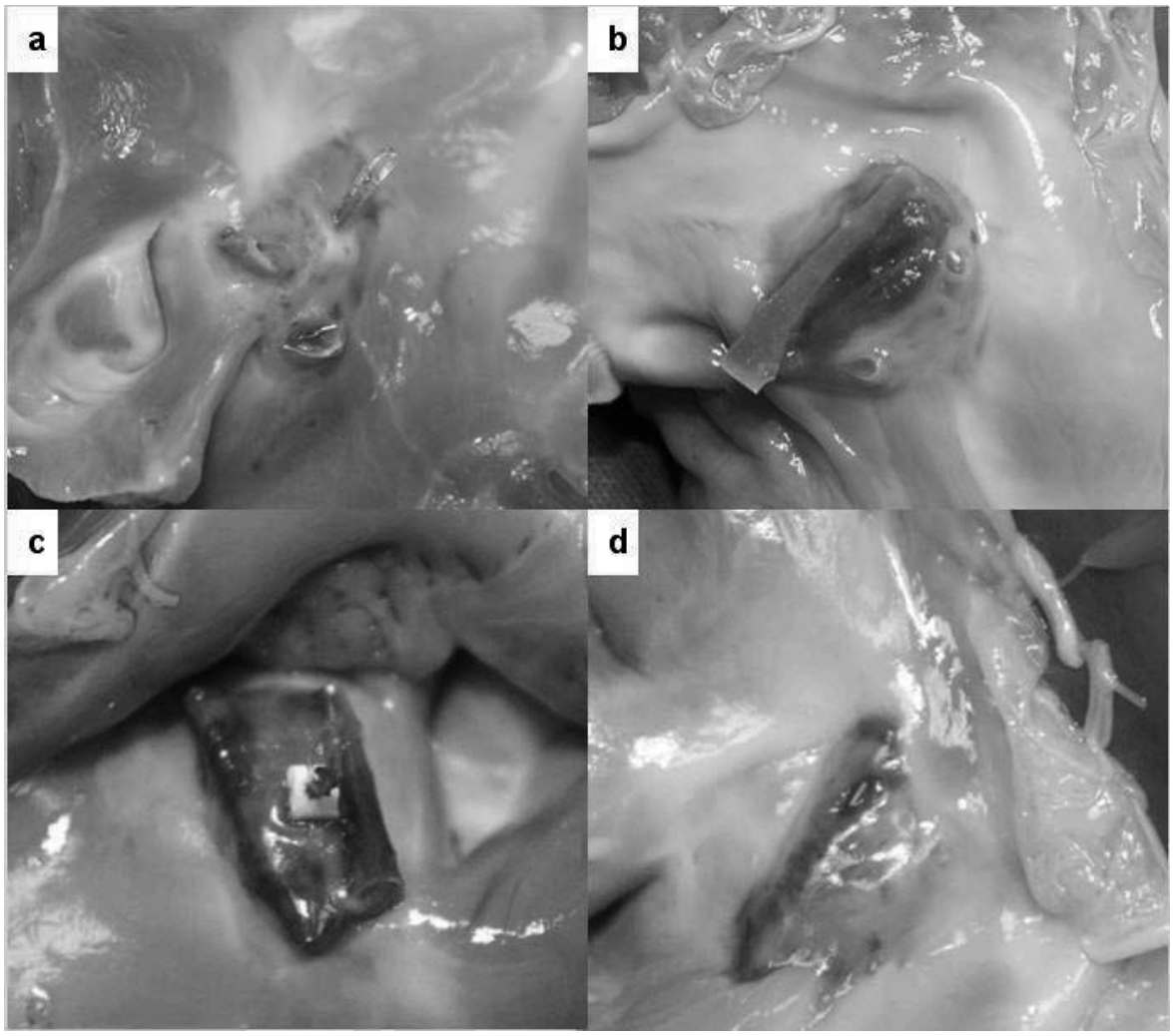



**Figure 34**

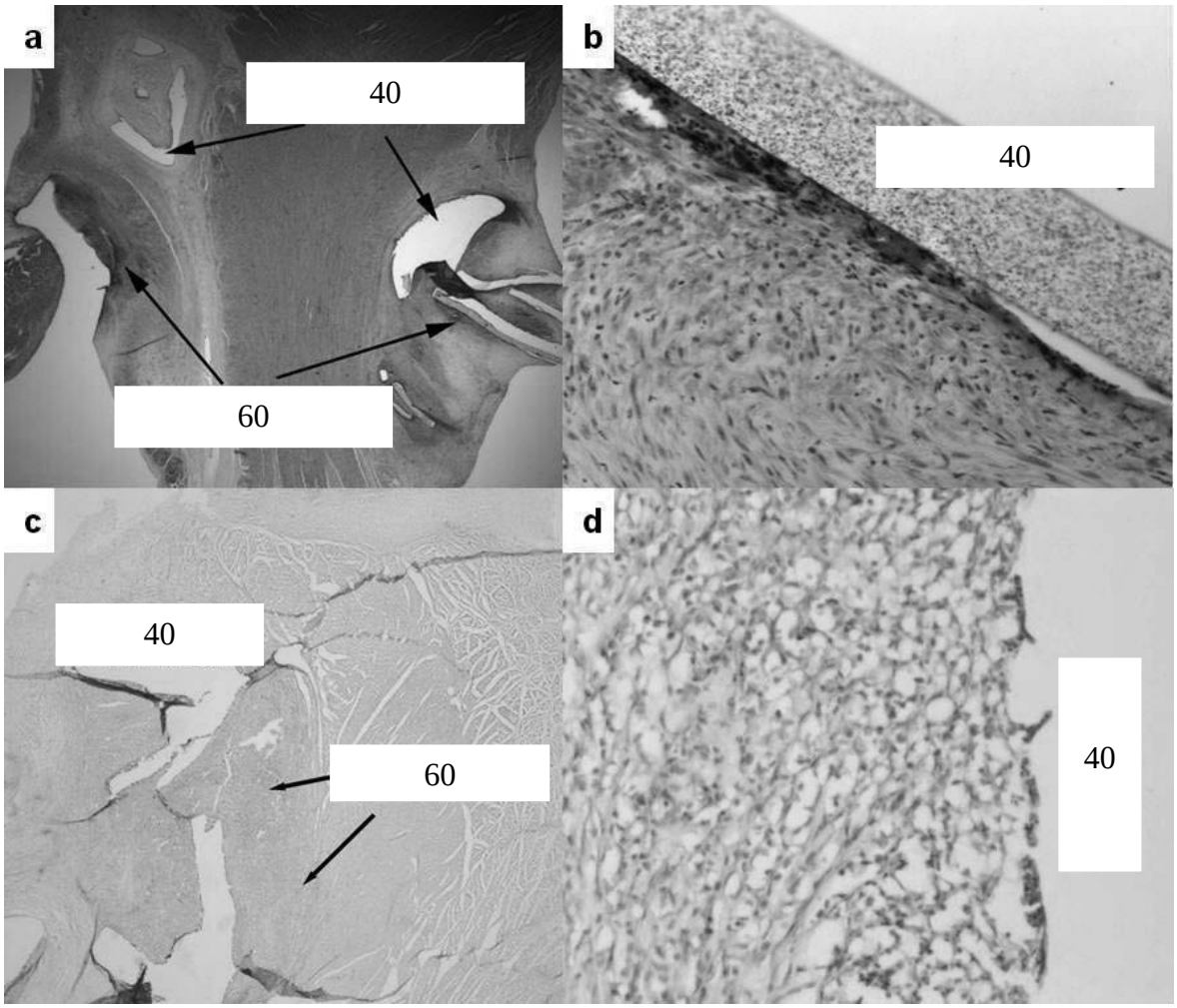



**Figure 35**

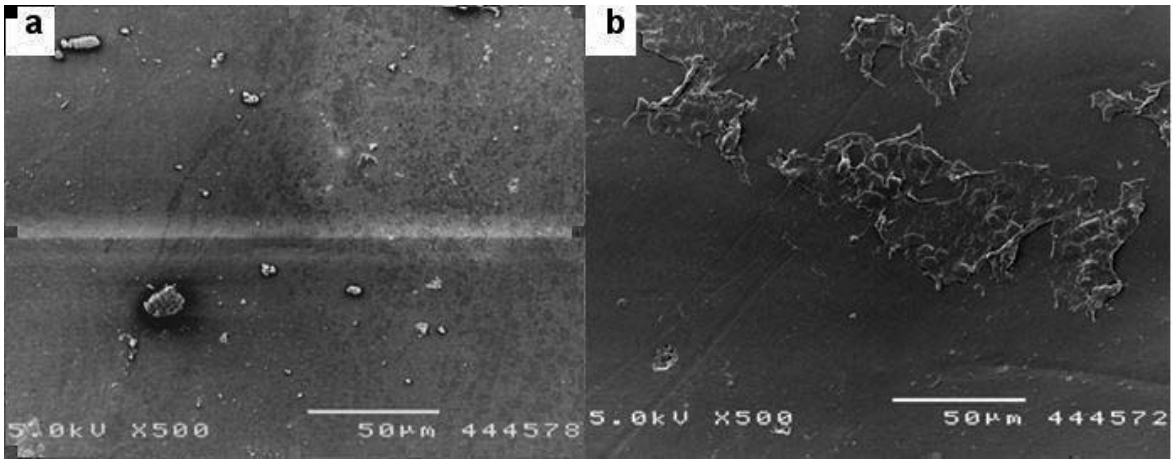



**Figure 36**