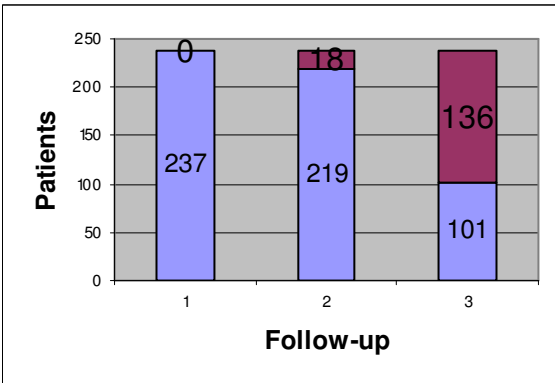


Clinical Report Anatomic knitted (Surgi-Patch® ANAT T)

SURGICAL-IOC® company

Study	Retrospective study – 4 centres – série of cases												
Objective	Evaluate the Surgi-Patch® ANAT T prothesis efficiency in the treatment of inguinal hernias												
Device	Surgi-Patch® ANAT T – pre-shaped knitted polyester – laparoscopic technique – extraperitoneal site												
Patients	237 patients – inguinal hernias indication												
Follow-up	<div style="display: flex; align-items: flex-start;">  <div style="margin-left: 20px;"> <p>1 = surgery 237</p> <p>2 = first follow-up at 46 days (10-62) 219 patients controlled (92%) 18 patients did not show up (8%)</p> <p>3 = second follow-up at 33 months(24-44) 101 patients controlled (43%) 136 patients did not show up (57%)</p> </div> </div>												
Evaluation criteria	Surgery and hospital stay duration, esthetical appearance of the scar, patient's comfort, pre and post operative complications, recurrences												
Methodology	Retrospective study on high series of cases (> 200 patients), including 57 % who did not show up at the time of last follow-up												
Results	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>N =</th> <th>Sex</th> <th>Age</th> <th>BMI</th> <th>Recurrences of hernias</th> <th>Sites and Types (n = 235)</th> </tr> </thead> <tbody> <tr> <td>237</td> <td>M : 212 (89%) W : 25 (11%)</td> <td>56,5 (19-84)</td> <td>24,7 (17-38)</td> <td>12 (5%)</td> <td>Right : 110 (47%) Left : 77 (33%) Bilateral : 48 (20%)</td> </tr> </tbody> </table> <p style="text-align: center;"><i>Table 1 – Information on patient and pathology</i></p>	N =	Sex	Age	BMI	Recurrences of hernias	Sites and Types (n = 235)	237	M : 212 (89%) W : 25 (11%)	56,5 (19-84)	24,7 (17-38)	12 (5%)	Right : 110 (47%) Left : 77 (33%) Bilateral : 48 (20%)
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237	M : 212 (89%) W : 25 (11%)	56,5 (19-84)	24,7 (17-38)	12 (5%)	Right : 110 (47%) Left : 77 (33%) Bilateral : 48 (20%)								

Results	Surgical approach (n = 236)				Operating duration (min) (n = 232)				Hospital stay duration (days) (n = 228)				Grade out of 100 (n = 222)			
	Open : 3 (1,3%) Laparoscopy : 233 (98,7%) Conversion : 0				34,5 (15-90)				1,84 (0-21)				Esthetic : 86 Comfort : 86			
	Post-operative complications (N = 2) on 2 patients (1%) :															
	1 wall hematoma-seroma 1 deep hematoma-seroma															
	<i>Table 2 – Surgery and post-operative complications</i>															
N =				Follow up (days)				Recurrences				Grade out of 100 (n = 217)				
219 (92%)				46 (10-62)				0				Esthetic : 89 Comfort : 90				
Complications (N = 30) on 30 patients (13,7%):																
11 wall hematoma-seroma / 2 deep hematoma-seroma 6 cases of testicular pain / 5 cases of inguinal site pain 2 cases of hemospermia 1 case of spermatic cord sensitivity 1 case of spermatic cord denseness 1 métrorrhagia 1 prostate inflammation																
<i>Table 3 – First patients follow-up, recurrences, comfort, complications</i>																
N =				Follow up (months)				Recurrences				Grade out of 100 (n = 100)				
101 (43%)				33 (24-44)				1 (1%)				Esthetic : 95 Comfort : 93				
Complications (N = 8) on 7 patients (7%):																
4 cases of inguinal site pain 1 apparition of opposed side hernia 1 case of constipation 1 impaction of the bowel 1 testicular cyst																
<i>Table 4 – Secondt patients follow-up, recurrences, comfort, complications</i>																
Conclusion :																
- 1 recurrence at 6 month requiring a re-do at 12 month																
- Good progression of comfort and esthetical aspects																
- Classical and rare complications																