

Clinical Report : Knitted PROMESH (Promesh® T)

SURGICAL-IOC® company

Study	Retrospective study – 3 centres – series of cases												
Objectives	Evaluate the Promesh® T prosthesis efficiency in the treatment of hernias and incisional hernias												
Device	Promesh® T – knitted polypropylene – open and laparoscopic technique – extraperitoneal site												
Patients	151 patients – hernias and incisional hernias indication												
Follow-up	In the frame of this study, 139 patients out of 151 (92%) were controlled once after the surgery. The average follow-up of these patients was done at 41 days (12-120) after surgery												
Evaluation criteria	Surgery and hospital stay duration, esthetical appearance of the scar, patient's comfort, per and post operatives complications, recurrences												
Methodology	Retrospective study on medium series of cases (< 200 patients), including 8 % who did not shown up during the post-op follow-up												
Results	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">N =</th> <th style="width: 20%;">Sex</th> <th style="width: 15%;">Age</th> <th style="width: 10%;">BMI</th> <th style="width: 15%;">Recurrences of hernias and incisional hernias</th> <th style="width: 30%;">Sites and Types (n = 148)</th> </tr> </thead> <tbody> <tr> <td>151</td> <td>M : 123 (81%) F : 28 (19%)</td> <td>61,8 (13-92)</td> <td>25,4 (17-36)</td> <td>20 (13%)</td> <td><u>Hernias : 131</u> (88%) Right : 38 Left : 39 Bilateral : 54 <u>Incisional hernias : 17</u> (12%) Epigastric hernias : 4 Umbilical hernias : 8 Multiple hernias : 5</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 and incisional hernias	Sites and Types (n = 148)	151	M : 123 (81%) F : 28 (19%)	61,8 (13-92)	25,4 (17-36)	20 (13%)	<u>Hernias : 131</u> (88%) Right : 38 Left : 39 Bilateral : 54 <u>Incisional hernias : 17</u> (12%) Epigastric hernias : 4 Umbilical hernias : 8 Multiple hernias : 5
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	Post-operative complications (N = 10) on 10 patients (7%) :								
	6 wall hematoma-seroma 3 cases of fever 1 acute retention of urine								
<i>Table 2 – Surgery and post-operative complications</i>									
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Complications (N = 18) on 18 patients (13%):									
10 wall hematoma-seroma / 1 deep hematoma-seroma 3 cases of testicular pain 1 skin opening 1 vaginal hydrocele 1 case of digestive disorders 1 case of persistent pain									
<i>Table 3 – Patients follow-up, recurrences, comfort, complications</i>									
<p><u>Conclusion :</u></p> <ul style="list-style-type: none"> - No recurrence - Good progression of comfort and esthetical aspects - Classical and rare complications 									