

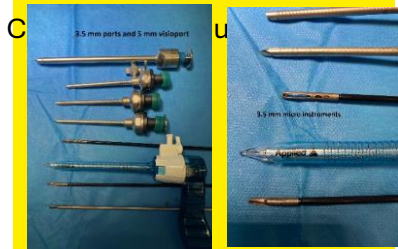
## Transabdominal Preperitoneal hernia repair procedure using micro-instrumentation : 10 years experience and follow-up

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Personal micro invasive TAPP procedures with extractions of the French data base resgister (Club Hernie)  
 Follow up with the assistance of a clinical Research Associate



1313 hernia repair procedures (April 2014 to nov 2024)  
 Average age 65 years (18 to 92)  
 137 women (10.43%)  
 mean BMI : 24,5 (17 to 43)  
 441 ASA 1 ; ,683 ASA 2, 189 ASA 3  
 40% bilateral hernia repair  
Indications : primary surgery but 43 recurrences after local surgery without mesh, 25 recurrences after local meshes, 5 recurrences after posterior meshes)  
 10 emergency procedures  
 889 indirect hernias , 629 direct et 97 crurals  
 2 conversions in local surgery for important post operative peritoneal adhesions

5 mm camera and 3,5 mm long micro instruments  
**MESH**: 35 BARD 3D mesh\* , 10 Cousin\* , 583 Glucamesh\* , 685 Swing SM2+\*

**No mesh fixation**

Mean operative time **18 minutes** (10-70)

**Post operative pain management**: only Paracetamol and ketoprofen for 2 to 10 days ( mean time : 5 days )  
 Only 4 patients needed ACUPAN\* for painful surgery and other pain causes)

**Ambulatory surgery : 89,5 %**

**139 patients stay one day or more** : 10 emergencies ; other medical or social considerations ( 14 ASA 3 ; 2 distance from the structure ; 38 social reasons ; 7 treatment relays ; 66 impossibilities of support ; 2 urinary problems)

One bleeding on operator port  
 No mesh infection  
 No intra abdominal organ injury  
 No port incisional hernia

**13 recurrences ( < 1%)** during the follow op ( mean 4 years ) : 6 month to 10 years



TAPP micro invasive procedure is faesable , safe , with easy post operative pain management , no serious complication and low rate of recurrences