

CAROLINAS CROSS-OVER FOR LATERAL HERNIAS. OUR INITIAL EXPERIENCE

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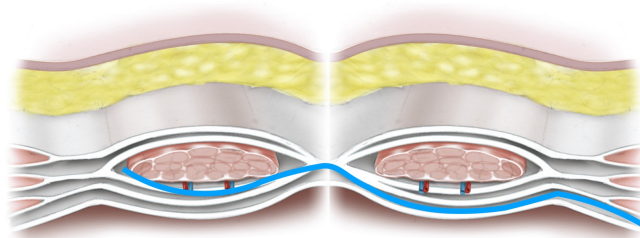
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AIM:

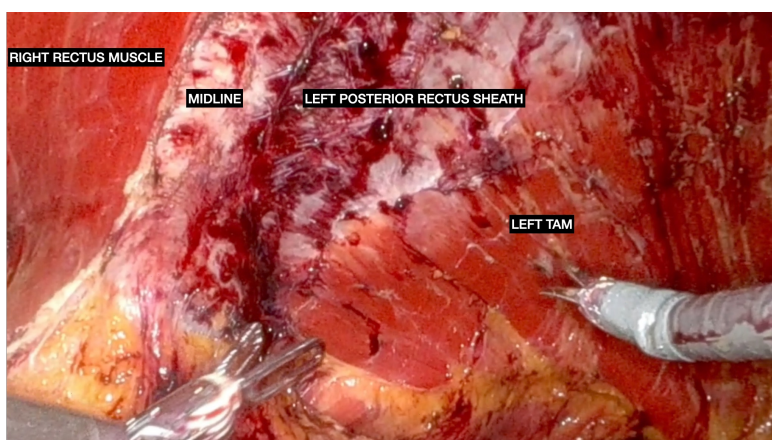
Evaluate the results of e-TEP approach with Carolinas cross-over for the treatment of lateral hernias, extending the preperitoneal/pretransversalis plane to the lateral space, avoiding posterior component separation.

MATERIAL AND METHODS:

- Retrospective multicentric study
- Lateral hernias repaired by e-TEP with Carolinas cross-over:
 - ❖ Retro-rectus plane on one side
 - ❖ Midline cross-over
 - ❖ Preperitoneal/pretransversalis plane to the lateral space



RESULTS:



DEMOGRAPHIC DATA

- **Median age:** 65 y.o. (range 35-85)
- **Sex:** 58% male
- **Mean BMI:** 30,2 ± 4,7 Kg/m²

HERNIA CHARACTERISTICS

- **L1:** 2 (17%)
- **L2:** 2 (17%)
- **L3:** 8 (66%)

POSTOP

- **Mean days of admission:** 1 day (range 1-6)
- **Follow up (median):** 3 months (range 1-4,5)
- **No complications or recurrence**

SURGICAL PROCEDURE

- **Mean operative time:** 250 ± 44 min.
- **Mean defect area:** 36,4 ± 27,5 cm²
- **Mean mesh area:** 1046 ± 235,4 cm²

CONCLUSIONS:

The Carolina cross-over is a safe and feasible option for lateral hernia repair, allowing for large extraperitoneal mesh placement while avoiding posterior component separation.