Laparoscopic Anti-reflux Surgery Course

Pediatric Surgery Department
Mansoura University

29 March 2017
Mansoura University Children Hospital

Under Patronage of

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President of Mansoura University

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In Collaboration with

EPSA
EGYPTIAN PEDIATRIC SURGICAL ASSOCIATION
This course covers detailed information concerning gastroesophageal reflux disease in children as well as the required knowledge and techniques the laparoscopic surgeon must have in order to master anti-reflux surgery.

WHO SHOULD ATTEND

This course is designed for surgeons with background knowledge about GERD and Fundoplication in addition to basic laparoscopic skills. It is targeted to help mastering the clinical approach and apply sophisticated techniques. This course is recommended for anyone who deals with GERD patients and laparoscopic fundoplication to ensure that performance is up to the best practice.

WHAT TO EXPECT:

This course is a highly practical “how-to” based around real-world tools, scenarios and tricks that will be immediately useful to you back in your day job. This course uses active learning to help you internalize the practical knowledge and apply it in the real practice.
TOPICS

- Laparoscopic anatomy
- Indications for surgery and patient selection
- Laparoscopic fundoplication technique
- Potential complications and its prevention
- Different types of wraps
- Postoperative complication
- Laparoscopic Gastrostomy

COURSE FORMAT:

This is a one day course: 6 hours with two breaks in the form of:

- Lectures
- Open Discussions
- Live Surgery: Nissen and Thal Fundoplication
- Video presentations
- Case scenarios

LEARNING OUTCOMES

- Have full knowledge of the anatomical layout of the hiatal area
- Have clear identification of who needs and shall get benefit from fundoplication
- Understand the potential complications during dissection and how to avoid them
- Perform the steps of the procedure safely and effectively
- Choose which type of wrap to suit different patient symptoms
- Know how to deal with common post-fundoplication complains
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>9-9.30 am</td>
<td>Registration</td>
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</tr>
<tr>
<td>9.30-9.45</td>
<td>Introduction</td>
<td>Tamer Ashraf</td>
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<tr>
<td>9.45-10.00</td>
<td>Laparoscopic anatomy</td>
<td>Khaled Salah</td>
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<tr>
<td>10.00-10.15</td>
<td>Indications for surgery and patient selection</td>
<td>Sameh Shehata</td>
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<td>10.15-10.30</td>
<td>Laparoscopic Nissen Procedure</td>
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<td>10.30-10.45</td>
<td>Break 1</td>
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<td>10.45-12.45</td>
<td>Live Surgery Nissen Fundoplication</td>
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<td>12.00-12.40</td>
<td>Break 2</td>
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<tr>
<td>12.40-12.50</td>
<td>Potential complications and its prevention</td>
<td>Magid Ismail</td>
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<tr>
<td>12.50-1.00</td>
<td>Postoperative complication</td>
<td>Sherif Shehata</td>
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<td>1.00-1.10</td>
<td>Partial wrap &amp; lap Thal Procedure</td>
<td>M El Zohiry</td>
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<td>1.10-1.25</td>
<td>Lap gastrostomy Video presentation</td>
<td>Hisham Sheir</td>
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<tr>
<td>1.30-3.30</td>
<td>Live Surgery Thal Fundoplication</td>
<td>Rafik Shalaby Adham ElSaeid</td>
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TOPICS IN DETAILS

Laparoscopic anatomy
- The detailed knowledge of the concept of laparoscopic anatomy of the esophageal hiatus area
- Potential injuries during each step of dissection and how to avoid them
- How to utilize the anatomical knowledge to get into right planes and get the best exposure

Indications for surgery and patient selection
- Identifying which GERD patients will get benefit of surgery
- Differentiating the diagnostic tools to diagnose different symptom groups
- Proper pre-operative preparation

Laparoscopic fundoplication techniques
- How to prepare the operative theatre for a proper and comfortable patient and personnel layout
- Different instrument placement layouts
- How to go step by step with dissection safely and with least bleeding
- How to ideally perform hiatal repair
- How to make a floppy well placed wrap

Potential complications and its prevention
- The potential hazards of each step of the procedure and how to deal with them practically
- Common mistakes during the learning curve

Different types of wraps
- Demonstrate the difference between complete and partial wraps
- Compare the commonly used techniques and their advantages
- How to tailor the approach to suit each patient

Postoperative complication
- Post-operative dysphagia from a tight wrap
- Types of failure as regards diagnosis and when to redo
- Associated disorders

Laparoscopic Gastrostomy
- Indications for g tube placement
- Different modalities for placement
- Lap gastrostomy techniques