

## “BASIC LAPAROSCOPY COURSE”

<b>Date</b>	November 19 <sup>th</sup> 2017
<b>Schedule</b>	9h00m – 18h00m
<b>Duration</b>	8 hours
<b>Instructors</b>	Dr. João Coutinho; Dr. António Ruivo; Dr. José Girão
<b>Objectives</b>	To obtain knowledge concerning the fundamentals of basic laparoscopic surgery and to put them to practice in a living animal model
<b>Specific Objectives</b>	<p>At the end of this workshop participants should be able to:</p> <ul style="list-style-type: none"> <li>Understand how to correctly and safely perform basic laparoscopic surgery</li> <li>Understand the fundamentals behind energy use in surgery and the risks it imposes</li> <li>Differentiate between different methods of pneumoperitoneum creation and their advantages and disadvantages</li> <li>Practice the technical gestures of laparoscopic surgery in a living animal model</li> </ul>
<b>Recipients</b>	Residents of surgical specialties
<b>Methodology</b>	Exposing, questioning, participating; practical training of technical gestures
<b>Assiduity</b>	Frequency of training in full (8 hours)



**WORKSHOP SCHEDULE**

<b>09:00 – 09:15</b>	<p>Course opening (15 min) – Dr. João Coutinho</p> <p>Meeting Room of the Department of Surgery, 5th floor, Hosp. Santa Maria</p>
<b>09:15 – 11:00</b>	<p>Theoretical introduction to laparoscopic surgery</p> <ol style="list-style-type: none"> <li>1. Basic principles in laparoscopy (20 min) – Dra. Carolina Catanho</li> <li>2. Different methods of pneumoperitoneum creation (15 min) – Dra. Carolina Catanho</li> <li>3. Surgical instruments in laparoscopic surgery (20 min) – Dr. José Girão</li> <li>4. Principles of port placement (15 min) – Dr. José Girão</li> <li>5. Forms of energy usage in surgery / Electrosurgery (20 min) – Dra. Andreia Barão</li> <li>6. Visualization of the abdominal cavity – video (15 min) – Dr. José Girão</li> </ol>
<b>11:00 – 11:20</b>	Coffee break
<b>11:20 – 13:30</b>	Basic exercises in endotrainer (1h 10min) – Dr. José Girão; Dra. Andreia Barão
<b>13:30 – 14:30</b>	Lunch break
<b>14:30 – 15:30</b>	<p>Videos of laparoscopic surgery (40 min) – Dr. José Girão</p> <ol style="list-style-type: none"> <li>1. Laparoscopic cholecystectomy</li> <li>2. Laparoscopic sleeve gastrectomy</li> <li>3. Laparoscopic resection of hepatic angioma</li> <li>4. Laparoscopic distal pancreatectomy</li> </ol> <p>Discussion (20 min) – Dr. José Girão</p>
<b>15:30 – 17:30</b>	<p>Training in living animal model (2 hrs) – Dr. José Girão; Dra. Andreia Barão; Dra. Teresa Pereira</p> <ol style="list-style-type: none"> <li>1. Correct identification of abdominal organs and their safe manipulation</li> <li>2. Cholecystectomy</li> <li>3. Splenectomy</li> </ol>
<b>17:30 – 18:00</b>	<p>Course closure (30 min) – Dr. João Coutinho</p> <ol style="list-style-type: none"> <li>1. Q&amp;A</li> <li>2. Delivery of certificates</li> </ol>

