In the field of General Surgery, the most relevant of technical developments in the last 100 years has been the emergence of minimally invasive surgery in the 80s of the twentieth century.

The symposium MINIMALLY INVASIVE AND ROBOTIC SURGERY, included in the 1st edition of the Espírito Santo Saúde clinical congress – Leaping Forward – Lisbon International Congress –, aims to bring together the most experienced and renowned laparoscopic and robotic surgeons of the world in a high quality, state-of-the-art conference.

This symposium is an exclusive forum driven by the aspiration of spread cutting edge technical evolution on the subject of minimally invasive and robotic surgery.

Indeed, despite the great advances that have been made - almost all surgical procedures on several fields, including surgical oncology, are entirely performed with advantage by minimally invasive surgery in centers of excellence - the spread of this technical progress is insufficient.

The meeting will be interactive in nature, with a diversified but restricted (by invitation) local audience, promoting a dynamic debate on the different subjects; streaming to national medical schools and doctors in other locations throughout the world; and live surgery.

Unprecedented in focus and depth, the conference will develop the topics of greatest interest for the general surgeon: colorectal surgery, with particular emphasis on rectal cancer, bariatric and metabolic surgery, hepatobiliarypancreatic surgery and thyroid surgery.
> 13 FEBRUARY 2014

> AUDITORIUM 2

**8:15 AM** Opening & registration

**8:30 AM** Welcome and introduction
Carlos Vaz [ PT ]

**Colorectal surgery**

**9:00 AM** A novel hybrid approach for large colorectal polyps removal: Laparoscopic assisted colonoscopic polyps removal
David Serra [ PT ]

**9:15 AM** Rectal cancer: Surgical anatomy
Carlos Vaz [ PT ]

**9:30 AM** Local treatment of low rectal cancer: The role of contact radiotherapy (brachytherapy)
Jean-Pierre Gérard [ FR ]

**9:50 AM** Trans anal minimally invasive surgery for rectal cancer (TAMIS) – A new approach
Angelita Habr-Gama [ BR ]

**10:10 AM** Robotic rectal cancer surgery
Advantages over laparoscopic and open surgery
Personal experience
Technique: Details and pitfalls
Seon-Hahn Kim [ KR ]

**10:40 AM** Discussion
Moderators: José Damião Ferreira [ PT ] | Rui Maio [ PT ] | Francisco Mascarenhas [ PT ]

**11:00 AM** [ Coffee break ]

**Robotic thyroid surgery**

**11:30 AM** Robotic assisted thyroid surgery by axillary approach: Postoperative and cosmetic outcomes
Ronald B. Kuppersmith [ USA ]

**12:00 PM** Discussion
**> 13 FEBRUARY 2014**

**> AUDITORIUM 2**

**Master lecture**

12:15 PM  From the world first robotic operation to the present. Towards the future  
Ramon Vilallonga Puy [ SP ]

12:45 PM  [ Lunch ]

**Live surgery**

1:30 PM  Session 1 [ two operations ]  
Moderators: António Torres [ SP ] | Nilton Kawahara [ BR ]  
LRYGB  
Almino Ramos [ BR ]

Robotic RYGB  
Keith Kim [ USA ]

3:00 PM  Session 2 [ two operations ]  
Moderators: José Damião Ferreira [ PT ] | Rui Maio [ PT ]  
Robotic anterior rectal resection  
Seon-Hahn Kim [ KR ]

Laparoscopic assisted colonoscopic polyp removal  
David Serra [ PT ]
Carlos Vaz [ PT ]

4:30 PM  End of first day
> 14 FEBRUARY 2014

> AUDITORIUM 3

**Bariatric and metabolic surgery**

8:00 AM   Long term outcomes: an experience of 10,000 cases over the last 15 years. What should we expect?  
Almino Ramos [BR]

8:20 AM   GERD surgery after Roux-Y gastric bypass: Personal experience  
Nilton Kawahara [BR]

8:30 AM   Implementing a robotic bariatric program in Brazil: A unique experience  
Almino Ramos [BR]

8:45 AM   Laparoscopy vs Robotics  
The case for Laparoscopy  
Antonio Torres [SP]

The case for Robotics  
Keith Kim [USA]

9:15 AM   Redo bariatric surgery: The role of robotics  
Keith Kim [USA]

9:35 AM   Discussion  
Moderators: Mário Nora [PT] | Rui Ribeiro [PT] | Paulo Roquete [PT]

10:00 AM  [Coffee break]

**Hepatobiliopancreatic surgery**

10:30 AM   Robotic HBP Surgery - An overview  
Pier Cristoforo Giulianotti [USA]

10:50 AM   Hepatic Ressection - Where we are, how far can we go  
Pier Cristoforo Giulianotti [USA]

11:10 AM   Robotic duodenopancreatectomy - The present and the future  
James Moser [USA]

11:30 AM   Discussion  

12:00 PM  [Coffee break]

**Edited videos session**  
*Presenters to be confirmed*

12:30 PM   Discussion  
Moderators: Hans Eickhoff [PT] | César Resende [PT] | Carlos Ferreira [PT]

2:00 PM   Closure

2:30 PM   [Lunch]
Faculty:
Almino Ramos
Angelita Habr-Gama
António Garrão
António Torres
Carlos Ferreira
Carlos Vaz
César Resende
David Serra
Francisco Castro e Sousa
Francisco Mascarenhas
Hans Eickhoff
Jacques Himpens
James Moser
Jean-Pierre Gérard
João Rebelo de Andrade
José António Pereira
José Costa Maia
José Damião Ferreira
Keith Kim
Mário Nora
Miguel Allen
Nilton Kawahara
Olimpia Cid
Paulo Roquete
Pier Cristoforo Giulianotti
Ramon Vilallonga Puy
Ronald B. Kuppersmith
Rui Maio
Rui Ribeiro
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