

CURRICULUM VITAE

Stefano Olmi, MD

Consultant Surgeon in General and Oncologic Surgery

Residency Program Professor

Department of General and Oncologic Surgery, Centre of Laparoscopic and Mini-invasive Surgery
Policlinico San Marco, Istituti Ospedalieri Bergamaschi / University of Milan

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Name: Stefano
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Certifications

01/1996 Italian Board of Medical Doctors
Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Milano

Medical Education

09/1988 – 10/1995 **School of Medicine, University of Milan**
Milan (MI), Italy
Magna cum Laude

1995 – 2000 **Residency in Emergency Surgery, University of Milan**
Milan (MI), Italy
Magna cum Laude

Professional Training

01/1991 – 10/1995 **Internship in General and Thoracic Surgery, Ospedale Fatebenefratelli**
Milan (MI), Italy

06/1995 – 07/1995 **Advanced laparoscopic training**
Ospedale Mauriziano, Turin (TO), Italy

1996 **First year certification in ACOI's Special School of Laparoscopic and Minimally Invasive Surgery**
Milan (MI), Italy

09/1996 **International Laparoscopic Surgery course**

Paris, France

- 1997 **Second year certification in ACOI's Special School of Laparoscopic and Minimally Invasive Surgery**
Milan (MI), Italy
- 11/ 2008 **Master in robotic surgery, Ospedale Misericordia**
Grosseto (GR), Italy
- 09/2009 **Symposium about translational research in surgery**
Mount Sinai School of Medicine, New York (NY), US
- 09/2009 **Clinical observer**
Memorial Sloan-Kettering Cancer Center, New York (NY), US
- 08/2010 **International Training Course on Laparoscopic Oncologic Surgery**
Helen Diller Cancer Center, San Francisco University, US

Professional Activity

- 12/1997 – 03/1998 **Assistant Surgeon**, Department of General Surgery
Clinica Zucchi, Carate Brianza (MB), Italy
- 02/1998 – 09/2000 **Assistant Surgeon**, Emergency Service and Emergency Surgery Department
Clinica Santa Rita, Milan (MI), Italy
- 12/1999 – 12/2001 **Assistant Surgeon**, Department of General and Thoracic Surgery
Ospedale Fatebenefratelli ed Oftalmico, Milan (MI), Italy
- 12/2001 – 06/2008 **Assistant Surgeon**, Department of General Surgery
Ospedale San Gerardo, Monza (MB), Italy
- 07/2008 – 12/2009 **Assistant Surgeon**, Department of General Surgery
Chief of Laparoscopic Surgery and Minimally-invasive Unit
Central Obesity and Metabolic Disease Center
Ospedale San Giuseppe, Milan (MI), Italy
- 01/2010 – 05/2011 **Assistant Surgeon and Residency Program Tutor**
Department of General and Oncologic Surgery
Centre of Laparoscopic and Mini-invasive Surgery,
Policlinico San Marco / University of Milan
- since 06/2011 **Consultant Surgeon and Residency Program Tutor**
Department of General and Oncologic Surgery
Centre of Laparoscopic and Mini-invasive Surgery
Policlinico San Marco / University of Milan

Academic Activity

- 1995 – 2001 **Tutor in laparoscopic and mini-invasive surgery**
Ospedale Fatebenefratelli, Milan (MI), Italy
- 1995 – 2002 **Tutor of ACOI School of laparoscopy and mini-invasive surgery**
Ospedale Fatebenefratelli, Milan (MI), Italy
Ospedale San Gerardo, Monza (MB), Italy

- 1995 – 2001 **Tutor in laparoscopic and mini-invasive surgery**
Ospedale Fatebenefratelli, Milan (MI), Italy
- 1995 – 2005 **Faculty member of Autosuture Continuing Education Center**
Elancourt (France)
- Since 1997 **Faculty member of European Faculty of Surgeons**
European Surgical Institute, Hamburg (Germany)
- Since 1998 **Coordinator and tutor in advanced laparoscopic surgery**
Aesculapium, Tuttlingen (Germany)
- Since 2010 **Coordinator and tutor of national ACOI courses in Advanced Laparoscopic Surgery**
Policlinico San Marco / University of Milan
- Since 2011 **Residency Program Tutor**
Policlinico San Marco / University of Milan (Italy)

Professional Membership

- Executive Board, European Hernia Society Italian Chapter
- Member, Italian Society of Surgery Italian
- Member, Italian Association of Hospital Surgeons
- Member, European Association of Endoscopic Surgery
- Member, International Gastro Surgical Club
- Member, Society Multi-specialty of Young Surgeons

Research Interests and Affiliations

- Tumor Immunology; translational research, surgical oncology, immunotherapy neoadjuvant and / or adjuvant surgery
- Development of Laparoscopic Technologies and Devices
- Bariatric and Metabolic Surgery

Publications

1. Cesana G, Uccelli M, Ciccarese F, Carrieri D, Castello G, Olmi S, Laparoscopic re-sleeve gastrectomy as a treatment of weight regain after sleeve gastrectomy. World J Gastrointest Surg 2014; In Press
2. Del Poggio P, Olmi S, Ciccarese F, Di Marco M, Rapaccini GL, Benvegnù L, Borzio F, Farinati F, Zoli M, Giannini EG, Caturelli E, Chiaramonte M, Trevisani F; Italian Liver Cancer (ITA.LI.CA) Group. Factors That Affect Efficacy of Ultrasound Surveillance for Early Stage Hepatocellular Carcinoma in Patients With Cirrhosis. Clin Gastroenterol Hepatol. 2014 Feb 26. pii: S1542-3565(14)00310-3. doi: 10.1016/j.cgh.2014.02.025. [Epub ahead of print] PubMed PMID: 24582947.
3. Olmi S, Talha A, Cesana G, Addis A, Domenghini C, Experimental study on animal models to evaluate different mesh materials for intraperitoneal prosthesis and different ways of fixation by glues and staples. EJS 2013; 32(4).

4. Olmi S, Uccelli M, Cesana GC, Ciccarese F, Carrieri D, Castello G, Legnani G. Small bowel obstruction caused by mesh migration. Case report. *G Chir.* 2013 Mar;34(3):70-3. PubMed PMID: 23578409.
5. Olmi S, Cesana G, Erba L, Croce E. Emergency laparoscopic treatment of acute incarcerated incisional hernia. *Hernia.* 2009 Dec;13(6):605-8. doi: 10.1007/s10029-009-0525-y. PubMed PMID: 19590819.
6. Olmi S, Addis A, Domeneghini C, Scaini A, Croce E. Experimental comparison of type of Tissucol dilution and composite mesh (Parietex) for laparoscopic repair of groin and abdominal hernia: observational study conducted in a university laboratory. *Hernia.* 2007 Jun;11(3):211-5. Epub 2007 Feb 13. PubMed PMID:17297571.
7. Olmi S, Cesana G, Sagutti L, Pagano C, Vittoria G, Croce E. Laparoscopic incisional hernia repair with fibrin glue in select patients. *JLS.* 2010 Apr-Jun;14(2):240-5. doi: 10.4293/108680810X12785289144359. Erratum in: *JLS.* 2011 Jul-Sep;15(3):430. Stefano, Olmi [corrected to Olmi, Stefano]; Giovanni, Cesana [corrected to Cesana, Giovanni]; Saguatti, Luca [corrected to Sagutti, Luca]; Claudio, Pagano [corrected to Pagano, Claudio]; Enrico, Croce [corrected to Croce, Enrico]. PubMed PMID: 20932376; PubMed Central PMCID: PMC3043575.
8. Olmi S, Magnone S, Erba L, Bertolini A, Croce E. Results of Laparoscopic versus open abdominal and incisional hernia repair. *JLS.* 2005 Apr-Jun;9(2):189-95. PubMed PMID: 15984708; PubMed Central PMCID: PMC3015567.
9. Olmi S, Scaini A, Cesana GC, Erba L, Croce E. Laparoscopic versus open incisional hernia repair: an open randomized controlled study. *Surg Endosc.* 2007 Apr;21(4):555-9. Epub 2007 Feb 16. PubMed PMID: 17364151.
10. Olmi S, Scaini A, Erba L, Guaglio M, Croce E. Quantification of pain in laparoscopic transabdominal preperitoneal (TAPP) inguinal hernioplasty identifies marked differences between prosthesis fixation systems. *Surgery.* 2007 Jul;142(1):40-6. PubMed PMID: 17629999.
11. Olmi S, Scaini A, Erba L, Bertolini A, Croce E. Laparoscopic repair of inguinal hernias using an intraperitoneal onlay mesh technique and a Parietex composite mesh fixed with fibrin glue (Tissucol). Personal technique and preliminary results. *Surg Endosc.* 2007 Nov;21(11):1961-4. Epub 2007 May 19. PubMed PMID: 17514387.
12. Olmi S, Croce E, Magnone S, Mastropasqua E. Laparoscopic stoma creation. *Chir Ital.* 2003 Nov-Dec;55(6):897-902. PubMed PMID: 14725232.
13. Olmi S, Magnone S, Bertolini A, Croce E. Laparoscopic versus open appendectomy in acute appendicitis: a randomized prospective study. *Surg Endosc.* 2005 Sep;19(9):1193-5. Epub 2005 Jul 28. PubMed PMID: 16132334.
14. Olmi S, Erba L, Bertolini A, Scaini A, Mastropasqua E, Conti M, Croce E. [Use of fibrin glue (Tissucol) for mesh fixation in laparoscopic transabdominal hernia repair]. *Chir Ital.* 2005 Nov-Dec;57(6):753-9. Italian. PubMed PMID: 16400772.
15. Olmi S, Erba L, Magnone S, Croce E. [Laparoscopic transabdominal preperitoneal repair of inguinal hernia: indications, technique, complications and results in 10 years experience]. *Minerva Chir.* 2004 Jun;59(3):265-70. Italian. PubMed PMID: 15252392.
16. Olmi S, Scaini A, Cesana G, Dinelli M, Lomazzi A, Croce E. Acute colonic obstruction: endoscopic stenting and laparoscopic resection. *Surg Endosc.* 2007 Nov;21(11):2100-4. Epub 2007 May 4. PubMed PMID: 17479321.
17. Olmi S, Scaini A, Erba L, Bertolini A, Guaglio M, Croce E. Use of fibrin glue (Tissucol) as a hemostatic in laparoscopic conservative treatment of spleen trauma. *Surg Endosc.* 2007 Nov;21(11):2051-4. Epub 2007 May 5. Erratum in: *Surg Endosc.* 2007 Nov;21(11):2055. Guaglio, M [added]. PubMed PMID: 17484006.
18. Croce E, Olmi S, Bertolini A, Erba L, Magnone S. Laparoscopic liver resection with radiofrequency. *Hepatogastroenterology.* 2003 Nov-Dec;50(54):2088-92. PubMed PMID: 14696470.
19. Olmi S, Erba L, Magnone S, Bertolini A, Mastropasqua E, Perego P, Massimini D, Zanandrea G, Russo R, Croce E. [Prospective study of laparoscopic treatment of incisional hernia by means of the use of composite mesh: indications, complications, mesh fixation materials and results]. *Chir Ital.* 2005 Nov-Dec;57(6):709-16. Italian. PubMed PMID: 16400765.
20. Croce E, Golia M, Azzola M, Russo R, Crozzoli L, Olmi S, Pompa C, Borzio M. Laparoscopic choledochotomy with primary closure. Follow-up (5-44 months) of 31 patients. *Surg Endosc.* 1996 Nov;10(11):1064-8. PubMed PMID: 8881053.

21. Croce E, Olmi S, Azzola M, Russo R. Laparoscopic appendectomy and minilaparoscopic approach: a retrospective review after 8-years' experience. *JLS*. 1999 Oct-Dec;3(4):285-92. PubMed PMID: 10694075; PubMed Central PMCID: PMC3015359.
22. Croce E, Olmi S. Intracorporeal knot-tying and suturing techniques in laparoscopic surgery: technical details. *JLS*. 2000 Jan-Mar;4(1):17-22. PubMed PMID: 10772523; PubMed Central PMCID: PMC3015354.
23. Olmi S, Croce E. Scissor-knot-pusher: an instrument for simplified laparoscopic extracorporeal knotting. *JLS*. 2003 Jul-Sep;7(3):281-4. PubMed PMID: 14558722; PubMed Central PMCID: PMC3113213.
24. Croce E, Olmi S, Azzola M, Russo R, Di Bonifacio M. Laparoscopic colectomy: indications, standardized technique and results after 6 years experience. *Hepatogastroenterology*. 2000 May-Jun;47(33):683-91. PubMed PMID: 10919012.
25. Croce E, Azzola M, Russo R, Golia M, Angelini S, Olmi S. Laparoscopic liver tumour resection with the argon beam. *Endosc Surg Allied Technol*. 1994 Jun-Aug;2(3-4):186-8. PubMed PMID: 8000883.
26. Croce E, Olmi S, Russo R, Azzola M, Mastropasqua E. Peptic ulcer disease and thoracoscopic left truncal vagotomy. *JLS*. 1999 Jul-Sep;3(3):203-7. PubMed PMID: 10527332; PubMed Central PMCID: PMC3113156.
27. Croce E, Olmi S, Bertolini A, Erba L, Perego P, Magnone S. [Laparoscopic liver resection using a radiofrequency dissector. Initial experience]. *Chir Ital*. 2003 May-Jun;55(3):313-9. Italian. PubMed PMID: 12872565.
28. Croce E, Olmi S, Russo R, Azzola M, Mastropasqua E, Golia M. Laparoscopic treatment of peptic ulcers. A review after 6 years experience with Hill-Barker's procedure. *Hepatogastroenterology*. 1999 Mar-Apr;46(26):924-9. PubMed PMID: 10370640.
29. Croce E, Azzola M, Russo R, Golia M, Olmi S. Laparoscopic colectomy: the absolute need for a standard operative technique. *JLS*. 1997 Jul-Sep;1(3):217-24. PubMed PMID: 9876674; PubMed Central PMCID: PMC3016731.
30. Croce E, Olmi S, Bertolini A, Magnone S. Laparoscopic surgery of pancreatic cancer: state of the art. *Hepatogastroenterology*. 2005 Nov-Dec;52(66):1889-94. Review. PubMed PMID: 16334801.
31. Croce E, Olmi S, Magnone S, Erba L, Bertolini A. [Laparoscopic surgery of the liver: state of the art]. *Chir Ital*. 2003 Nov-Dec;55(6):765-76. Review. Italian. PubMed PMID: 14725215.
32. Croce E, Golia M, Russo R, Azzola M, Olmi S, De Murtas G. Duodenal perforations after laparoscopic cholecystectomy. *Surg Endosc*. 1999 May;13(5):523-5. PubMed PMID: 10227957.
33. Croce E, Azzola M, Russo R, Golia M, Olmi S. Laparoscopic re-operation from gastro-oesophageal reflux. *Hepatogastroenterology*. 1997 May-Jun;44(15):912-7. PubMed PMID: 9222714.
34. Croce E, Olmi S. Extracorporeal knotting simplified with a new instrument. *Surg Endosc*. 1997 Sep;11(9):963-4. PubMed PMID: 9294284.
35. Croce E, Olmi S, Magnone S, Russo R. [Laparoscopic surgery of the stomach: state of the art]. *Chir Ital*. 2003 Nov-Dec;55(6):811-20. Review. Italian. PubMed PMID: 14725220.
36. Croce E, Olmi S, Azzola M, Russo R, Golia M. Surgical palliation in pancreatic head carcinoma and gastric cancer: the role of laparoscopy. *Hepatogastroenterology*. 1999 Jul-Aug;46(28):2606-11. PubMed PMID: 10522049.
37. Croce E, Olmi S, Golia M, Russo R. The role of diagnostic tests in therapeutic choices for gastroesophageal reflux disease. *JLS*. 2001 Apr-Jun;5(2):131-7. PubMed PMID: 11394425; PubMed Central PMCID: PMC3015431.
38. Olmi S, Erba L, Bertolini A, Scaini A, Croce E. Fibrin glue for mesh fixation in laparoscopic transabdominal preperitoneal (TAPP) hernia repair: indications, technique, and outcomes. *Surg Endosc*. 2006 Dec;20(12):1846-50. PubMed PMID: 17063297.
39. Olmi S, Erba L, Magnone S, Bertolini A, Croce E. Prospective clinical study of laparoscopic treatment of incisional and ventral hernia using a composite mesh: indications, complications and results. *Hernia*. 2006 Jun;10(3):243-7. Epub 2006 Apr 12. PubMed PMID: 16609820.
40. Olmi S, Scaini A, Erba L, Croce E. Use of fibrin glue (Tissucol) in laparoscopic repair of abdominal wall defects: preliminary experience. *Surg Endosc*. 2007 Mar;21(3):409-13. Epub 2006 Dec 20. PubMed PMID: 17177079.

41. Olmi S, Torcini A, Politi A. Linear stability in networks of pulse-coupled neurons. *Front Comput Neurosci*. 2014 Feb 4;8:8. doi: 10.3389/fncom.2014.00008.eCollection 2014. PubMed PMID: 24550817; PubMed Central PMCID: PMC3912513.
42. Leyva I, Sendiña-Nadal I, Almendral JA, Navas A, Olmi S, Boccaletti S. Explosive synchronization in weighted complex networks. *Phys Rev E Stat Nonlin Soft Matter Phys*. 2013 Oct;88(4):042808. Epub 2013 Oct 14. PubMed PMID: 24229226.
43. Olmi S, Politi A, Torcini A. Stability of the splay state in networks of pulse-coupled neurons. *J Math Neurosci*. 2012 Nov 22;2(1):12. doi: 10.1186/2190-8567-2-12. PubMed PMID: 23174267; PubMed Central PMCID: PMC3606406.
44. Luccioli S, Olmi S, Politi A, Torcini A. Collective dynamics in sparse networks. *Phys Rev Lett*. 2012 Sep 28;109(13):138103. Epub 2012 Sep 25. PubMed PMID: 23030123.
45. Tattini L, Olmi S, Torcini A. Coherent periodic activity in excitatory Erdős-Renyi neural networks: the role of network connectivity. *Chaos*. 2012 Jun;22(2):023133. doi: 10.1063/1.4723839. PubMed PMID: 22757540.
46. Olmi S, Livi R, Politi A, Torcini A. Collective oscillations in disordered neural networks. *Phys Rev E Stat Nonlin Soft Matter Phys*. 2010 Apr;81(4 Pt 2):046119. Epub 2010 Apr 28. PubMed PMID: 20481798.
47. Caiulo VA, Averbene C, Olmi S, Ughi C, Ceccarelli M. [Celiac disease associated with chronic autoimmune hepatitis. Description of a case]. *Minerva Pediatr*. 1993 Dec;45(12):511-3. Review. Italian. PubMed PMID: 8145687.