

Curriculum Vitae

ELOISA FRANCHI, MD

Date of Birth: 29/03/1986

Place of Birth: Milano, Italy

Citizenship: Italian

Home address and telephone: Via Francesco Poggi 7, 20131 Milano Italy

Professional address and telephone: Humanitas Research Hospital – Rozzano;

Mobile +39 3487637697

E-mail address: eloisafanchi@gmail.com; eloisa.franchi@humanitas.it

PRESENT POSITION

2019- ongoing

PhD Candidate, Experimental Surgery and Medicine

Università degli Studi di Pavia

Supervisor: Prof. Guido Torzilli, Humanitas University, Rozzano

2020- ongoing

M1 Santé Publique candidate

Université Paris-Saclay

2018- ongoing

Fellow, Department of Hepatobiliary and General Surgery

Director Prof. Guido Torzilli

IRCCS Humanitas Research Hospital

Rozzano – MI- Italy

EDUCATION

June 2010– July 2011

Nottingham University Hospitals NHS Trust - Queen's Medical Centre – Nottingham (U.K.)

Exchange student, General Surgery

2005-2012 Master Degree in Medicine and Surgery, Università degli Studi di Pavia

Dissertation: *Clinical application of ICG fluorescence for the detection of liver lesions*

Supervisors: Prof. Paolo Dionigi (Università di Pavia – IRCCS Policlinico San Matteo Pavia)

Grade: 110/110 cum laude

2012-2013 physician in voluntary attendance, Chirurgia Generale 2 – Centro Trapianti Di Fegato, Ospedale Molinette, Torino (Prof. M. Salizzoni)

2013-2018 Residency in General Surgery, Università degli Studi di Torino, Director Prof. Mario Morino

- 2013-2015 Chirurgia Generale 2 – Liver Transplantation Unit, Ospedale Molinette, Torino (Prof. M. Salizzoni)
- 2015-2016 General and Emergency Surgery Department – Ospedale San Giovanni Bosco Torino Nord Emergenza (con turni di guardia chirurgica di Pronto Soccorso) (Dr. R.Leli)
- 2016 -2018 Chirurgia Generale 2- Liver Transplantation Unit, Ospedale Molinette (Prof. M. Salizzoni)

- 2018 Hepatobiliary Surgery Department - IRCCS Humanitas Research Hospital
Rozzano – MI- Italy (Prof. G. Torzilli)

Dissertation: *Vascular Remodeling of Visceral Arteries Following Interruption of Splenic Artery During Liver Transplantation*

Supervisor: Prof. Mauro Salizzoni

Grade: 70/70, recommendation for publication

2019 – ongoing PhD Candidate in Experimental Medicine and Surgery

“Clinical innovation in liver surgery”

Università degli Studi di Pavia

Supervisor: Prof. Guido Torzilli, Humanitas University, Rozzano

2020- ongoing

M1 Santé Publique

Université Paris-Saclay

PAST POSITIONS

2018-2019

Emergency Surgical Department

IRCCS Humanitas Research Hospital

Rozzano – MI- Italy

Surgical ward

MEDICAL LICENSURE

February 2013

Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Como License number: 6210 dal 18/02/2013

ABSTRACT, POSTER AND MEETING PRESENTATION

2 april 2011

46th ANNUAL MEETING OF THE EUROPEAN ASSOCIATION FOR THE STUDY OF THE LIVER – EASL

Berlino

“Indocyanine green fluorescence intraoperative detection: toward a higher concept of surgical radicality”

A. Peloso, M.C. Canepa, L. Barbieri, E. Franchi, M. Manzoni, J. Rademacher, S. Brugnattelli, P. Quaretti, M. Maestri, P. Dionigi

29-31 may 2011

8° SEMINARIO NAZIONALE DELLE SCUOLE DI SPECIALIZZAZIONE E DEI DOTTORATI DI RICERCA IN CHIRURGIA GENERALE E SPECIALISTICA

Roma

“AVR 3-D planning in chirurgia epatica: la programmazione pre-operatoria consente resezioni “parenchima sparing”, radicalità e bassa incidenza di complicanze”

Ferrario di Tor Vajana J, Peloso A, Canepa MC, Benzoni I, Bianco C, Franchi E, Barbieri L, Maestri M, Dionigi P.

18-20 september 2011

XXI CONGRESSO NAZIONALE ACOI DI VIDEOCHIRURGIA

Cernobbio – Como

“3D Virtual Reality: un nuovo approccio alla chirurgia epatica”

A. Peloso, J. Di Tor Vajana, MC. Canepa, L. Barbieri, E. Franchi, C. Bianco, I. Benzoni, L. Briani, M. Maestri, P. Dionigi

10-11 may 2012

9° SEMINARIO NAZIONALE DELLE SCUOLE DI SPECIALIZZAZIONE E DEI DOTTORATI DI RICERCA IN CHIRURGIA GENERALE E SPECIALISTICA

Paestum - Napoli

“Visualizzazione intraoperatoria dell’albero biliare in chirurgia epatica tramite fluorescenza near-infrared”

A.Peloso, M.C. Canepa, J.Ferrario, L.Barbieri, E.Franchi, L.Briani, P.Dionigi, M.Maestri

1-5 July 2012

10th WORLD CONGRESS OF THE INTERNATIONAL HEPATO-PANCREATO-BILIARY ASSOCIATION

Parigi

“Use of preoperative planning in hepatic surgery. A tool to identify a patient-specific approach” A.

Peloso, J. Ferrario Di Tor vajana, M.C. Canepa, L. Barbieri, L. Briani, E. Franchi, P. Dionigi, M.Maestri

14-16 July 2012

XXXV CONGRESSO NAZIONALE SICO- SOCIETÀ ITALIANA DI CHIRURGIA ONCOLOGICA

Torino

“Two-stage hepatectomy post rigenerazione epatica ottenuta mediante PVE e somministrazione di cellule CD133+ autologhe”

M.C. Canepa, A. Peloso, E. Franchi, L. Barbieri, L. Briani, M. Maestri

23-27 September 2012

1° CONGRESSO NAZIONALE - UNITÀ E VALORE DELLA CHIRURGIA ITALIANA “Two-stage hepatectomy post rigenerazione epatica ottenuta mediante pve e somministrazione de cellule cd133 + autologhe”

Maria Caterina Canepa, Andrea Peloso, Eloisa Franchi, Letizia Barbieri, Laura Briani, Nicolo’ Mineo, Jacopo Ferrario o Di Tor Vajana, Paolo Dionigi, Marcello Maestri

23-24 May 2013

32° CONGRESSO NAZIONALE ACOI – 23° CONGRESSO ACOI DI VIDEOCHIRURGIA

Firenze

“Laparoscopic Splenectomy for Segmental Portal hypertension”

F.Moro, D. Patrono, R. Benvenga, P. Baroffio, E. Franchi, M. Perino, R. Romagnoli, M. Salizzoni

12 June 2013

SEANCE COMMUNE AVEC LA SOCIETE PIEMONTAISE - ACADEMIE NATIONALE DE CHIRURGIE

Parigi

“Liver Packing during Orthotopic Liver Transplantation: a Single Center Experience

Le tamponnement péri hépatique pour hémorragie peropératoire dans le contexte de la transplantation du foie: expérience acquise dans une série de 2500 greffes hépatiques”

Salizzoni M, Damiano P, Bertolotti G, Colli F, Franchi E, Maroso F, Perino M, Romagnoli R

21-24 October 2015

117ESIMO CONGRESSO DELLA SOCIETÀ ITALIANA DI CHIRURGIA

“Il grado di comprensione del consenso informato per la colecistectomia videolaparoscopica: uno studio randomizzato”

A. Borello, A.G. Ferrarese, R. Passera, A. Bullano, F. Colli, E. Franchi, D. Sasia, D. Bono, V. Martino, M. Solej, M. Nano

April 2018

XV CONGRESSO NAZIONALE SIMM 2018 – Società Italiana di Medicina delle Migrazioni (Italian Society of Migration Medicine)

Catania

“Missione Freedom Mountains – Assistenza sanitaria per chi cerca di attraversare le Alpi alla ricerca della libertà”

Pittana L; Chiale F; Franchi E; Pazè E; Torre F; Massara S; Martino C; Lamorte A; Cerri D; Rivolta L; Di Fine G; Frigerio S; Narcisi P.

October 2018

42° CONGRESSO DELLA SOCIETA' ITALIANA DI TRAPIANTI D'ORGANO

Bologna

RIMODELLAMENTO DELLA VASCOLARIZZAZIONE ARTERIOSA VISCERALE NEI PAZIENTI SOTTOPOSTI A LEGATURA DELL'ARTERIA SPLENICA IN CORSO DI TRAPIANTO DI FEGATO

E. Franchi, D. Patrono, F. Tandoi, F. Guarasci, G. Bartoli, E. Nada, P. Fonio, M. Salizzoni, R. Romagnoli

April 2019

44TH CONGRESS OF KSELS AND 9TH INTERNATIONAL SIMPOSYUM

Seul

“Laparoscopic Segment 2 Subsegmentectomy for Solitary HCC by Ultrasound-guided Compression of Tumor-feeding Portal Pedicle Enhanced with ICG-based Fluorescence”

Eloisa Franchi, Damiano Gentile, Matteo Maria Cimino, Fabio Procopio, Luca Viganò and Guido Torzilli

June 2021

LANCET PALESTINIAN HEALTH ALLIANCE (LPHA) ELEVENTH ANNUAL CONFERENCE

“Hepatobiliary surgery in the Gaza Strip: how to build a team”

Franchi E, Emad M. Hout, Alaa A. Abu Sebah, Mohammed S. Alakhras, Rossi G, Torzilli G, Dondossola D.

September 2021

14th E-AHPBA CONGRESS

Oral communications

- A Reaffirm on Interpretation of Postoperative Anemia. A Valid Strategy to Limit Blood Transfusions after Hepatectomy for Liver Tumors
- Colorectal Liver Metastases in Contact with Major Intrahepatic Vessels. Does Shrinkage during Chemotherapy Correspond to a Modification of Tumor-vessel Relationship?

PUBLICATION IN PEER REVIEW JOURNAL

INDOCYANINE GREEN FLUORESCENCE INTRAOPERATIVE DETECTION: TOWARD A HIGHER CONCEPT OF SURGICAL RADICALITY

A. Peloso, M.C. Canepa, L. Barbieri, E. Franchi, M. Manzoni, J. Rademacher, S. Brugnattelli, P. Quaretti, M. Maestri, P. Dionigi

Journal of Hepatology - March 2011 (Vol. 54Supplement 1, Page S398, DOI: 10.1016/S0168-8278(11)61002-7)

COMBINED USE OF INTRAOPERATIVE ULTRASOUND AND INDOCYANINE GREEN FLUORESCENCE IMAGING TO DETECT LIVER METASTASES FROM COLORECTAL CANCER.

Peloso A, Franchi E, Canepa MC, Barbieri L, Briani L, Ferrario J, Bianco C, Quaretti P, Brugnatelli S, Dionigi P, Maestri M.
HPB (Oxford). 2013 Dec;15(12):928-34. doi: 10.1111/hpb.12057. Epub 2013 Feb 20.

AUTOLOGOUS CD133+ CELLS AUGMENT THE EFFECT OF PORTAL EMBOLIZATION (PVE)

Canepa M.C., Quaretti P., Perotti C., Vercelli A., Rademacher J., Peloso A., Barbieri L., Franchi E., Briani L., Gaspari A., Brugnatelli S., Pedrazzoli P., Dionigi P., Maestri M..
Minerva Chirurgica 2013 Apr;68(2):163-8.

TWO STAGE HEPATECTOMY AFTER AUTOLOGOUS CD133+ STEM CELLS ADMINISTRATION. A CASE REPORT

Franchi E., Canepa M.C., Peloso A., Barbieri L., Briani L., Panyor G., Dionigi P., Maestri M.
World Journal Of Surgical Oncology.2013 Aug 13;11(1):192. doi: 10.1186/1477-7819-11-192.

RAINBOW FOR AFRICA FIELD HOSPITAL

Luca Pigozzi, Stefano Spinelli, Eloisa Franchi, Gaia Giletta, Francesco Barbero, Xiaowei Yan, Marioluca Bariona, Paolo Narcisi
Emerg Med Inves 2017: J138

VASCULAR REMODELING OF VISCERAL ARTERIES FOLLOWING INTERRUPTION OF THE SPLENIC ARTERY DURING LIVER TRANSPLANTATION

Patrono D, Franchi E, Guarasci F, Bartoli G, Nada E, Rigo F, Ottobrelli A, Fonio P, Salizzoni M, Romagnoli R.
Liver Transpl. 2019 Jun;25(6):934-945. doi: 10.1002/lt.25447. Epub 2019 Apr 19.

REPLY TO GRATTADURIA ET AL. "PORTAL HYPERPERFUSION: AN UNUSUAL FINDING DURING WHOLE LIVER TRANSPLANTATION."

Patrono D, Franchi E, Lupo F, Romagnoli R. Liver transplantation, 2020 Nov;26(11):1548-1550. doi: 10.1002/lt.25760. Epub 2020 Apr 27. PMID: 32216013.

IS THE OUTCOME AFTER HEPATECTOMY FOR TRANSITIONAL HEPATOCHOLANGIOCARCINOMA DIFFERENT FROM THAT OF HEPATOCELLULAR CARCINOMA AND MASS-FORMING CHOLANGIOCARCINOMA? A CASE-MATCHED ANALYSIS

Gentile D, Donadon M, Di Tommaso L, Samà L, Franchi E, Costa G, Lleo A, Torzilli G [published online ahead of print, 2020 May 22]. Updates Surg. Updates Surg. 2020 Sep;72(3):671-679. doi: 10.1007/s13304-020-00802-w. Epub 2020 May 22. PMID: 32445033.

GENOMEWIDE ASSOCIATION STUDY OF SEVERE COVID-19 WITH RESPIRATORY FAILURE.

Severe Covid-19 GWAS Group, Ellinghaus D, Degenhardt F, et al.
N Engl J Med. 2020;383(16):1522-1534. doi:10.1056/NEJMoa2020283

ULTRASOUND-GUIDED ANATOMICAL LIVER RESECTION USING A COMPRESSION TECHNIQUE COMBINED WITH INDOCYANINE GREEN FLUORESCENCE IMAGING
Procopio Fabio, Guido Torzilli, Eloisa Franchi, Matteo Cimino, Luca Viganò, Matteo Donadon, and Daniele Del Fabbro. 2021 *HPB: The Official Journal of the International Hepato Pancreato Biliary Association* 23 (2): 206–11. <https://doi.org/10.1016/j.hpb.2020.05.009>.

EFFECTS OF VOLUME ON OUTCOME IN HEPATOBILIARY SURGERY: A REVIEW WITH GUIDELINES PROPOSAL.

Franchi, Eloisa, Matteo Donadon, and Guido Torzilli. 2020. *Global Health & Medicine* 2 (5): 292–97. <https://doi.org/10.35772/ghm.2020.01013>.

COVID-19 EPIDEMIC IN ITALY AND THE PANDORA’S BOX OF INEQUALITIES: REOPENED OR NEVER CLOSED?

Franchi, Eloisa, and Renata Gili. 2020, *Journal of Public Health and Emergency* 4 (December): 42–42. <https://doi.org/10.21037/jphe-20-43>.

PREDICTION OF REMNANT LIVER VOLUME USING 3D SIMULATION SOFTWARE IN PATIENTS UNDERGOING R1VASC PARENCHYMA-SPARING HEPATECTOMY FOR MULTIPLE BILOBAR COLORECTAL LIVER METASTASES: RELIABILITY, CLINICAL IMPACT, AND LEARNING CURVE

Procopio, Fabio, Matteo Cimino, Luca Viganò, Anna E. Colombo, Eloisa Franchi, Guido Costa, Matteo Donadon, Daniele Del Fabbro, and Guido Torzilli. 2020. *HPB: The Official Journal of the International Hepato Pancreato Biliary Association*, December. <https://doi.org/10.1016/j.hpb.2020.11.005>.

OUTCOME OF SARS-COV-2-RELATED THYROTOXICOSIS IN SURVIVORS OF COVID-19: A PROSPECTIVE STUDY.

Pizzocaro A, Colombo P, Vena W, Ariano S, Magnoni P, Reggiani F, Favacchio G, Mirani M, Lavezzi E, Voza A, Calatroni M, Mazziotti G, Lania A; Humanitas COVID-19 Task force. *Endocrine*. 2021 Aug;73(2):255-260. doi: 10.1007/s12020-021-02758-2. Epub 2021 May 28. PMID: 34047879; PMCID: PMC8161706.

BOOK CHAPTER

VOLUME-OUTCOME RELATIONSHIP IN HEPATOBILIARY SURGERY

Donadon, Matteo, Eloisa Franchi, and Guido Torzilli. 2021. In *Volume-Outcome Relationship in Oncological Surgery*, edited by Marco Montorsi, 35–44. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-030-51806-6_5.

AWARDS

2 april 2011 BEST 10% YOUNG INVESTIGATOR POSTER

46th ANNUAL MEETING OF THE EUROPEAN ASSOCIATION FOR THE STUDY OF THE LIVER – EASL

Berlin

“Indocyanine green fluorescence intraoperative detection: toward a higher concept of surgical radicality”

A. Peloso, M.C. Canepa, L. Barbieri, E. Franchi, M. Manzoni, J. Rademacher, S. Brugnattelli, P. Quaretti, M. Maestri, P. Dionigi

April 2019 TRAVEL GRANT + BEST VIDEO PRESENTATION AWARD

44th Congress of KSELS and 9th International Symposium – The Korean Society of Endoscopic and Laparoscopic Surgeons

Seul

“Laparoscopic Segment 2 Subsegmentectomy for Solitary HCC by Ultrasound-guided Compression of Tumor-feeding Portal Pedicle Enhanced with ICG-based Fluorescence”

Eloisa Franchi, Damiano Gentile, Matteo Maria Cimino, Fabio Procopio, Luca Viganò and Guido Torzilli

2019 PhD SCHOLARSHIP

Experimental medicine, curricula Experimental Surgery

Università degli Studi di Pavia (ongoing)

CERTIFICATION AND DIPLOMAS

March-may 2102

I.R.C.S.S. Policlinico San Matteo – Pavia

Collegio Nuovo – Fondazione Sandra e Enea Mattei WinFocus

Ecografia Point of Care Diploma

May 2014

Advacend Trauma Life Support – American College of Surgeon Diploma

June 2017

European University Diploma: Hepatic Pancreatic and Biliary Cancers - Oncosurgical Strategies

Université Paris Sud

REVIEWER FOR

Nature Scientific Research

Journal of Public Health and Emergency

LANGUAGES

Italian: mother tongue

French: excellent (Read/Spoken/Written)

English: excellent (Read/Spoken/Written)

MEMBERSHIP OF SCIENTIFIC SOCIETIES

SIC- Società Italiana di Chirurgia

IHPBA – International Hepato-Pancreato-Biliary Association

Women in Surgery Italia

IFMSA Alumna

RESEARCH ACTIVITY

I was part of the Experimental Surgery Laboratory of the University of Pavia - IRCCS Policlinico San Matteo (2006-2012).

My current research activities focused on liver regeneration, parenchyma sparing liver surgery, preoperative programming of liver resection, fluorescence in liver surgery, AI in liver surgery, technical improvement of liver surgery, global surgery.

I am interested in clinical and social epidemiology and in application of socio-economic determinants and health inequalities in surgery.

I am also a member of the medical-scientific committee of the NGO Rainbow4Africa, which works on health research in humanitarian contexts. In particular, I am currently conducting research on the health conditions of migrants on the French-Italian Alpine borders and I am scientific director for a program of training in hepatobiliopancreatic surgery in the Gaza Strip, at Al-Shifa Hospital, Palestine.

I am also an active member of Women in Surgery Italia, and I am involved in research related to the role of women in surgery.