

Curriculum Vitae

Personal information

Name/Surname **PIERLUIGI NOVELLIS**
Office address IRCCS San Raffaele Hospital, Via Olgettina, 60
20132 Milan (Italy)

Job experiences

- 01/07/2009 – 31/06/2014 Resident in Thoracic Surgery
University “Cattolica del Sacro Cuore” of Rome. Policlinico A. Gemelli, Department of Thoracic Surgery. Largo Francesco Vito, 1, 00168, Roma
School of Thoracic Surgery, Director Prof. P. Granone
- 01/10/2014 – 30/09/2015 Post Doctoral Fellowship
IEO (European Institute of Oncology)
Thoracic Surgery Unit, Via Ripamonti 435, 20141 Milan, prof. L Spaggiari
- 01/01/2016 – 31/12/2016 Research Fellowship “Umberto Veronesi Foundation”
Humanitas Research Hospital
Toracic Surgery Division, Via A. Manzoni 56, 20089 Rozzano-Milan, prof. M. Alloisio
- 01/01/2017 – 31/12/2017 Research Fellowship “Umberto Veronesi Foundation”
Humanitas Research Hospital
Toracic Surgery Division, Via A. Manzoni 56, 20089 Rozzano-Milan, prof. M. Alloisio
- 01-01-2018 – 31-12-2019 Thoracic Surgeon
Humanitas Research Hospital
Toracic Surgery Division, Via A. Manzoni 56, 20089 Rozzano-Milan, prof. M. Alloisio
- 01-01-2020 – 31-01-2025 Thoracic Surgeon
IRCCS Ospedale San Raffaele
Division of Thoracic Surgery, Via Olgettina, 60 · 20132 Milan (MI), prof. G. Veronesi
- 01-02-2025 – 31-05-2025 Assistant Professor (RTT) of Thoracic Surgery at Vita Salute San Raffaele University

01-06-2025 to now Associate Professor of Thoracic Surgery at Vita Salute San Raffaele University

Education and Training

17/07/2008 Master's Degree in Medicine and Surgery
University Campus Bio-Medico of Rome
Summa cum laude.
Thesis: "Dal Progetto Metiloma del Cancro alla Validazione di Nuovi Geni Candidati Oncosoppressori nel tumore del Colon-Retto"

14/04/2014 – 18/04/2014 Observership in VATS Lobectomy
University Hospital Bristol NHS Foundation Trust, Bristol, UK
Department of Thoracic Surgery,
(G. Casali MD)

20/06/2014 Specialty in Thoracic Surgery
University "Cattolica del Sacro Cuore" of Rome.
Summa cum laude.
Thesis: "Trattamento chirurgico nei pazienti affetti da tumore del polmone non a piccole cellule infiltrante la scissura: confronto tra resezione anatomica e non anatomica" (Surgical treatment in patient with non-small-cell lung cancer with fissure involvement: anatomical versus non-anatomical resection).

01/07/2016 – 15/07/2016 Observership in Robotic Thoracic Surgery
Baptist Health South Florida
South Miami Hospital, South Miami, FL, USA
Department of Cardiothoracic Surgery, (M. Dylewski MD)

15/07/2016 – 31/07/2016 Observership in Robotic Thoracic Surgery
Memorial Sloan Kettering Cancer Center
1275 York Ave, New York, NY 10065, USA
Thoracic Surgery Department, (B. Park MD)

Dec 2018- Oct 2019 Advanced Course in Epidemiology and Statistic for clinical Research (Hunimed)
Thesis: "Surgical and Oncological Outcomes of Enbloc Resection for Malignancies Invading the Thoracic Spine: A Retrospective Cohort Study"

26-27/11/2019 First Assist for Dr. Danjouma Cheufou's, Thoracic, Technology & Surgeon-Led Procedure course at EU Direct: ORSI (Melle, Belgium). Intuitive Surgical sponsored

- 26-27/01/2022 Console Surgeon for Dr. Andy Borgonjon, Thoracic, Technology & Surgeon-Led Procedure course at EU Direct: ORSI (Melle, Belgium). Intuitive Surgical sponsored.
- October 2023 National Scientific License for Associated Professor in Thoracic Surgery in 2023 Ministry of Education, University and Research.
- November 2024 Member of the expert “Robotic Lung Health Advisory Board”. Intuitive Surgical sponsored. Medtronic sponsored.

Languages

- Mother tongue** Italian
- Other languages** English (B2)

Society membership

- From 2010 SICT (Società Italiana di Chirurgia toracica)
- 2009-2016 SPIGC (Società Polispecialistica Italiana Giovani Chirurghi)
- 2016-2017 ISMICS (International Society for Minimally Invasive Cardiothoracic Surgery)
- From 2017 IASLC (International Association for the Study of Lung Cancer)
- From 2019 ESTS (European Society of Thoracic Surgeons)
- From 2019 SIET (Società Italiana di Endoscopia Toracica)

University roles

- 2019 Lectures at the medical faculty of the HUNIMED University
- From 2020 Tutor for medical students at Vita e Salute san Raffaele University
- From 2020 Tutor for the internship qualifying for the medical profession at Vita e Salute san Raffaele University
- From 2022 Tutor in the specialization school of thoracic surgery at Vita e Salute san Raffaele University
- 2023 - 2024 Contract professor of the elective course "Fondamenti di tecnica chirurgica pratica", at Vita e Salute san Raffaele University
- 2024 Contract professor in the course “Respiratory System Disease: 4 hours of lessons) – International MD Program, at Vita e Salute san Raffaele University
- 02-2025 Assistant Professor (RTT) of Thoracic Surgery at Vita Salute San Raffaele University

Grants received

- 2016 and 2017: Umberto Veronesi Foundation: “RObotic vs MANual vats lobectomy” ROMAN Study.
Prospective, randomized, multicentric study on Videothoracoscopic (VATS) vs robotic approach for lobectomy or anatomical segmentectomy in patients affected by early lung cancer.
- December 2020 Umberto Veronesi Foundation: "Integrated primary and secondary prevention of smoking related diseases with low dose CT scan and circulating biomarkers, coupled with personalised smoking cessation activity"; Lung Smoker P3 (Personalize Primary Prevention) – LSP - 3.
- July 2022 PI of the satellite center IRCCS San Raffaele Hospital in the project "Amplified gene transcripts as new biomarkers for patient stratification in Small Cell Lung Cancer with MYCL/MYC gains" who receive an AIRC grante. Director prof. Clelia Tiziana Storlazzi, Departement of Biology University of Bari “Aldo Moro”.

Role in Research Projects

- April 2016, December 2018 Clinical Study coordinator of the study: “*Impact of minimally invasive robotic approach compared to vats and open approach on quality of life and immune response in patients candidated to lobectomy or anatomical segmentectomy*”. IRCCS Humanitas Research Institute.
- January 2017, December 2017 Principal investigator of the prospective study: “*Analysis of infiltrating treg in malignant pleural mesothelioma*”. IRCCS Humanitas Research Institute.
- April 2017, November 2018 Clinical Study coordinator of the study: “*Prospective, randomized, multicentric study on videothoracoscopic (VATS) vs robotic approach for lobectomy or anatomical segmentectomy in patients affected by early lung cancer*”. IRCCS Humanitas Research Institute.
- April 2017, December 2019 Principal investigator of the study: “*Analysis of neurological and surgical outcome in a multicentric, retrospective comparison between robotic, thoracoscopic and open radical thymectomy for myasthenia gravis*”. IRCCS Humanitas Research Institute.

- October 2017, November 2018 Co-investigator of the multicentric study: “*Robotic Lobectomy for Locally advanced NSCLC: a comparison with open and videothoracoscopic approach*”. IRCCS Humanitas Research Institute
- November 2018, February 2020 Co-Investigator of the retrospective multicentric international study: “*PAC PILOT PROTOCOL RRP: Retrospective Review of Robotic-Assisted Anatomical Lung Resections for Non-Small Cell Lung Cancer: A Multi-Institutional Report*”. Clinical Study coordinator: Bernard Park - Thoracic Surgery Service, Memorial Sloan Kettering Cancer Center, New York, USA
- January 2019, February 2020 PI of the study: “*Surgical and Oncological Outcomes of En Bloc Resection for Malignancies Invading the Thoracic Spine*”. IRCCS Humanitas Research Institute
- December 2019, June 2021 PI of the satellite center IRCCS Istituto Clinico Humanitas of a multicentric international study “*Completion of intended oncological treatment after lung resection for N1-N2 non-small cell lung Cancer Acronimo: COIOTE*”. Clinical Study coordinator Ospedale San Giovanni Via Ospedale, 6500 Bellinzona – TI Swiss.
- November 2020, June 2023 Co-investigator of the satellite center IRCCS Ospedale San Raffaele of the randomized study: “*COlchicine for the Prevention of Perioperative Atrial Fibrillation in patients undergoing thoracic surgery (COP-AF)*”. Clinical Study coordinator McMaster University, Hamilton, ON, Canada; Department of Health Research Methods, Evidence, and Impact, McMaster University, Hamilton, ON, Canada.
- December 2020, to now PI of a sponsored study “*Integrated primary and secondary prevention of smoking related diseases with low dose CT scan and circulating biomarkers, coupled with personalised smoking cessation activity*”; *Lung Smoker P3 (Personalize Primary Prevention)*”. IRCCS Ospedale San Raffaele.
- January 2021, to now PI of the satellite center in a multicentric national study: “*Prognostic impact of the kind of lymphadenectomy and lymph node characteristics on node-positive patients underwent anatomical lung resection 5with or without adjuvant therapy for Non-Small Cell Lung cancer*”. Clinical Study coordinator Policlinico Agostino Gemelli.

- July 2022, to now PI of the satellite center in a multicentric national study. This study obtained a grant by a call for proposal AIRC: "*Amplified gene transcripts as new biomarkers for patient stratification in Small Cell Lung Cancer with MYCL/MYC gains*". Clinical study coordinator prof. Clelia Tiziana Storlazzi, department of Biology University Aldo Moro of Bari.
- March 2023, to now PI of a retrospective multicentric study: "*Anatomical segmentectomies for early stage lung cancer. A multicenter analysis of RATS, VATS and open approach*". IRCCS Ospedale San Raffaele.
- November 2022, to now PI of an observational prospective study: "*Biological observational monocentric study aimed at analyzing the lymphocytic infiltrate of lung tumors*". IRCCS Ospedale San Raffaele.
- November 2022, July 2023 PI of the satellite center in the study: "*The role, effectiveness and progress of robotic thymectomy for thymic tumors in Italy: national multicenter study*". Clinical study coordinator azienda ospedaliera of Padua.
- November 2024, to now PI of a retrospective multicentric study: "*An international multicenter retrospective analysis of RATS, VATS and open lung resections after neoadjuvant chemo-immunotherapy*". IRCCS Ospedale San Raffaele

International Meetings

IASLC 2023
Singapore

NEO-ADJUVANT IMMUNOTHERAPY IN MALIGNANT PLEURAL MESOTHELIOMA: REPORT ON THREE CASES TREATED IN A SINGLE INSTITUTION (POSTER PRESENTATION)

09/12/2022
CRSA (Clinical and robotic Surgery Association)
Rome

ROBOTIC SURGERY AFTER NEAODJUVANT CHEMO-IMMUNOTHERAPY FOR NSCLC (ORAL PRESENTATION)

09/12/2022 CRSA (Clinical and robotic Surgery Association) Rome	ROBOTIC ASSISTED MAJOR LUNG RESECTION IN ELDERLY PATIENTS: RESULTS FROM A RETROSPECTIVE STUDY (ORAL PRESENTATION)
3-5/10/2019 33° EACTS annual meeting Lisbon-Portugal	WHO PAYS? WHO RECEIVES? THE EUROPEAN PERSPECTIVE ON LUNG CANCER SCREENING (ORAL PRESENTATION)
08/04/2019 Fondation Universitaire In association with the Romanian Presidency of the EUROPEAN PARLIAMENT – Brussels	THE CASE FOR LUNG CANCER SCREENING (ORAL PRESENTATION)
9-12/06/2019 ESTS MEETING Dublin	IMPACT OF ROBOTIC SURGERY COMPARED TO VATS AND OPEN SURGERY ON PERIOPERATIVE OUTCOMES AND QUALITY OF LIFE IN PATIENTS UNDERGOING LUNG LOBECTOMY OR ANATOMIC SEGMENTECTOMY (POSTER PRESENTATION)
13-14/12/2018 The congress on the clinical controversies in lung cancer (CCLC 2018) - London	MINI-PROCEDURAL APPROACHES IN THORACIC SURGERY: REVIEW OF PROCEDURES INCLUDING LYMPH NODES SAMPLING DATA (ORAL PRESENTATION)
13-14/12/2018 The congress on the clinical controversies in lung cancer (CCLC 2018) - London	STAGE IA (T1 N0 M0). LOBECTOMY VS. SEGMENTECTOMY: PRO-CONS EACH APPROACH (ORAL PRESENTATION)
13-17/10/2018 EANM 2018 - Dusseldorf	LUNG CANCER SCREENING: STATE OF THE ART AND FUTURE IMPLEMENTATION IN EUROPE (ORAL PRESENTATION)
15-18/10/2017 IASLC 2017 Yokohama - Japan	ROBOTIC SURGERY, VATS, AND OPEN SURGERY FOR EARLY STAGE LUNG CANCER: COMPARISON OF COSTS AND OUTCOMES AT A SINGLE INSTITUTE (POSTER PRESENTATION)
15-18/10/2017 IASLC 2017 Yokohama - Japan	28-COLOR, 30 PARAMETER FLOW CYTOMETRY TO DISSECT THE COMPLEX HETEROGENEITY OF TUMOR INFILTRATING T CELLS IN LUNG CANCER (POSTER PRESENTATION)
7-10/06/2017 ISMICS 2017 Rome - Italy	ROBOTIC THYMOMECTOMY INFILTRATING THE LEFT INNOMINATE VEIN (ORAL PRESENTATION)

National Meetings

12-14/10/2023 National conference of Thoracic Surgery (SICT) Rome	NEOADIUVANT IMMUNOTHERAPY IN MALIGNANT PLEURAL MESOTHELIOMA: DESCRIPTION OF THREE CASES TREATED IN OUR INSTITUTION. (ORAL PRESENTATION)
12-14/10/2023 National conference of Thoracic Surgery (SICT) Rome	ROBOTIC ASSISTED THORACIC SURGERY IN ELDERLY PATIENTS: RESULTS OF A MULTICENTRIC CASE- CONTROL STUDY. (ORAL PRESENTATION)
21/10/2022 Le neoplasie toraciche: dalla biologia alla pratica clinica Ancona	PREVENTION OF LUNG CANCER (FROM SMOKING CESSATION CENTERS TO SCREENING) (ORAL PRESENTATION)
24/10/2019 Lo screening del tumore del polmonare e la prevenzione delle patologie fumo correlate Corigliano-Rossano (CS)	SURGICAL TREATMENT OF LUNG CANCER FROM THE PRE-SCREENING TO THE POST-SCREENING ERA (ORAL PRESENTATION AND EVENT ORGANIZER)
11/10/2019 SIET Pisa	TUTOR FOR ROBOTIC DRY-LAB
15-16/11/2018 VICTORS – Verona	NEW MODALITY APPROACHES FOR ADVANCED DISEASE: SUPERIOR SULCUS TUMORS, T4 –VERTEBRAL RESECTIONS
4-6/10/2018 National conference of Thoracic Surgery (SICT) Mantova	ANALYSIS OF CIRCULATING TUMOR CELLS (CTCs) IN LUNG CANCER: A PILOT STUDY (ORAL PRESENTATION)
4-6/10/2018 National conference of Thoracic Surgery (SICT) Mantova	IDENTIFICATION OF THE INTERSEGMENTARY PLANE IN ROBOTIC ASSISTED LUNG SEGMENTECTOMY: DESCRIPTION OF THE TECHNIQUE (ORAL PRESENTATION)

Publications:

1. LEUZZI G, CESARIO A, **NOVELLIS P**, NACHIRA D, MARGARITORA S, VITA ML, GRANONE P. Chest wall reconstruction: impact of Gore-Tex(®) dual-mesh prosthesis on respiratory function.

2. TREGLIA G, TARALLI S, BERTAGNA F, SALSANO M, MUOIO B, **NOVELLIS P**, VITA ML, MAGGI F, GIORDANO A. Usefulness of whole-body fluorine-18-fluorodeoxyglucose positron emission tomography in patients with neurofibromatosis type 1: a systematic review. *Radiol Res Pract.* 2012;2012:431029.
3. **NOVELLIS P**, CESARIO A, LOCOCO F, CAFAROTTI S, PORZIELLA V, MEACCI E, VITA ML, CONGEDO MT, RICCI R, MARGARITORA S, GRANONE P. Malignant solitary fibrous tumour of the chest wall: a challenging case. *Eur Rev Med Pharmacol Sci.* 2012 Oct;16 Suppl 4:21-5. Review.
4. STERZI S, CESARIO A, CUSUMANO G, DALL'ARMI V, LAPENNA LM, CARDACI V, **NOVELLIS P**, LOCOCO F, CORBO GM, CAFAROTTI S, MARGARITORA S, GRANONE P. Post-operative rehabilitation for surgically resected non-small cell lung cancer patients: serial pulmonary functional analysis. *J Rehabil Med.* 2013 Sep;45(9):911-5. doi: 10.2340/16501977-1192.
5. LEUZZI G, CESARIO A, CAFAROTTI S, LOCOCO F, DALL'ARMI V, **NOVELLIS P**, ROMANO R, SICILIANI A, MEACCI E, GRANONE P, MARGARITORA S. Surgical treatment in patient with non-small-cell lung cancer with fissure involvement: anatomical versus non-anatomical resection. *J Thorac Oncol.* 2014 Jan;9(1):97-108. doi: 10.1097/JTO.0000000000000040.
6. NACHIRA D, MEACCI E, PETRACCA CIAVARELLA L, **NOVELLIS P**, PETRONE G, MARGARITORA S, LOCOCO F, GRANONE P. Recurrent pneumothoraces and facial papules: an insidious pulmonary cystic disease. *Can Respir J.* 2014 Jul-Aug;21(4):e61-2.
7. GUERRERA F, RENDINA EA, VENUTA F, MARGARITORA S, CICCONE AM, **NOVELLIS P**, NOVERO D, ANILE M, BORA G, RENA O, CASADIO C, MUSSI A, EVANGELISTA A, RUFFINI E, LUCCHI M, FILOSSO PL. Does the World Health Organization histological classification predict outcomes after thymectomy? Results of a multicentre study on 750 patients. *Eur J Cardiothorac Surg.* 2015 Jul;48(1):48-54. doi: 10.1093/ejcts/ezu368.
8. **NOVELLIS P**, BONORA OTTONI D. Thoracoscopic Nuss procedure or open Ravitch technique for pectus excavatum repair in young adult patients: a Hamlet's indecision. *Ann Thorac Surg.* 2014 Dec;98(6):2269. doi: 10.1016/j.athoracsur.2014.05.051.
9. FILOSSO PL, EVANGELISTA A, RUFFINI E, RENDINA EA, MARGARITORA S, **NOVELLIS P**, RENA O, CASADIO C, ANDRETTI C, GUERRERA F, LAUSI PO, DISO D, MUSSI A, VENUTA F, OLIARO A, LUCCHI M. Does myasthenia gravis influence overall survival and cumulative incidence of recurrence in thymoma patients? A Retrospective clinicopathological multicentre analysis on 797 patients. *Lung Cancer.* 2015 Jun;88(3):338-43. doi: 10.1016/j.lungcan.2015.03.007.
10. LOCOCO F, MARGARITORA S, CARDILLO G, FILOSSO P, **NOVELLIS P**, RAPICETTA C, CARLEO F, BORA G, CESARIO A, STEFANI A, ROSSI G, PACI M. Bronchopulmonary Carcinoids causing Cushing Syndrome: Results from a Multicentric Study Suggesting a More Aggressive Behavior. *Thorac Cardiovasc Surg.* 2016 Mar;64(2):172-81. doi: 10.1055/s-0035-1555125.
11. LEUZZI G, NACHIRA D, CESARIO A, **NOVELLIS P**, PETRACCA CIAVARELLA L, LOCOCO F, FACCIOLO F, GRANONE P, MARGARITORA S. Chest wall tumors and prosthetic reconstruction: A comparative analysis on functional outcome. *Thorac Cancer.* 2015 May;6(3):247-54. doi: 10.1111/1759-7714.12172.
12. **NOVELLIS P**, GRAFFEO M, SPARANO L, SANCHEZ AM, LOVERA M, TONTI C, PATERLINI A, MORANDI G. Endoultrasonography (EUS) examination of the esophagus in the diagnosis of esophageal duplication: a case report and a review of a literature. *Eur Rev Med Pharmacol Sci.* 2015 Aug;19(16):3041-5. Review.

13. VERONESI G, **NOVELLIS P**, ALLOISIO M. Virtual navigation to guide personalized treatment of small-size lung cancer using minimally invasive techniques. *J Vis Surg*. 2016 Mar 30;2:72. doi: 10.21037/jovs.2016.03.24.
14. VERONESI G, **NOVELLIS P**, PARK B. Quality of life after video-assisted surgery for lung cancer. *Lancet Oncol*. 2016 Aug;17(8):e316-e317. doi: 10.1016/S1470-2045(16)30310-2.
15. VERONESI G, **NOVELLIS P**, VOULAZ E, ALLOISIO M. Early detection and early treatment of lung cancer: risks and benefits. *J Thorac Dis*. 2016 Sep;8(9):E1060-E1062
16. VERONESI G, **NOVELLIS P**, VOULAZ E, ALLOISIO M. Robot-assisted surgery for lung cancer: State of the art and perspectives. *Lung Cancer*. 2016 Nov;101:28-34. doi: 10.1016/j.lungcan.2016.09.004. Review.
17. VERONESI G, CERFOLIO R, CINGOLANI R, RUECKERT JC, SOLER L, TOKER A, CARIBONI U, BOTTONI E, FUMAGALLI U, MELFI F, MILLI C, **NOVELLIS P**, VOULAZ E, ALLOISIO M. Report on First International Workshop on Robotic Surgery in Thoracic Oncology. *Front Oncol*. 2016 Oct 24;6:214. eCollection 2016.
18. VERONESI G, COLOMBO P, **NOVELLIS P**, CREPALDI A, LUTMAN RF, DIECI E, PROFILI M, SIRACUSANO L, ALLOISIO M. Pilot study on use of home telephoning to identify and recruit high-risk individuals for lung cancer screening. *Lung Cancer*. 2017 Mar;105:39-41. doi: 10.1016/j.lungcan.2017.01.001.
19. **NOVELLIS P**, VERONESI G, ALLOISIO M. Doing More and Doing Better in Robotic Thoracic Surgery. *Chest*. 2017 Apr;151(4):941-942. doi: 10.1016/j.chest.2016.11.059.
20. PARDOLESI A, BERTOLACCINI L, SOLLI P, **NOVELLIS P**, VERONESI G. Robot-assisted lobectomy for lung cancer in the presence of intraoperatively discovered broncho-vascular anomalies affecting right upper and middle lobes. *J Vis Surg*. 2016 Dec 6;2:175. doi: 10.21037/jovs.2016.11.11. eCollection 2016.
21. **NOVELLIS P**, ALLOISIO M, VANNI E, BOTTONI E, CARIBONI U, VERONESI G. Robotic lung cancer surgery: review of experience and costs. *J Vis Surg*. 2017 Mar 31;3:39. doi: 10.21037/jovs.2017.03.05. eCollection 2017. Review.
22. VERONESI G, **NOVELLIS P**, DIFRANCESCO O, DYLEWSKI M. Robotic assisted lobectomy for locally advanced lung cancer. *J Vis Surg*. 2017 Jun 4;3:78. doi: 10.21037/jovs.2017.04.03.
23. VITALI E, BOEMI I, ROSSO L, CAMBIAGHI V, **NOVELLIS P**, MANTOVANI G, SPADA A, ALLOISIO M, VERONESI G, FERRERO S, LANIA AG. FLNA is implicated in pulmonary neuroendocrine tumors aggressiveness and progression. *Oncotarget*. 2017 Aug 24;8(44):77330-77340. doi: 10.18632/oncotarget.20473.
24. **NOVELLIS P**, ALLOISIO M, CARIBONI U, VERONESI G. Different techniques in robotic lung resection. *J Thorac Dis*. 2017 Nov;9(11):4315-4318. doi: 10.21037/jtd.2017.10.69.
25. VERONESI G, **NOVELLIS P**, BOTTONI E, ALLOISIO M. Robotic Lobectomy: Right Upper Lobectomy Special Issue Operative Techniques in Thoracic and Cardiovascular Surgery 21:249–268. doi.org/10.1053/j.optechstcvs.2017.06.002
26. PARDOLESI A, BERTOLACCINI L, BRANDOLINI J, GALLINA FT, **NOVELLIS P**, VERONESI G, SOLLI P. Four arms robotic-assisted pulmonary resection-right lower/middle lobectomy: how to do it. *J Thorac Dis*. 2018 Jan;10(1):476-481. doi: 10.21037/jtd.2017.12.36.

27. **NOVELLIS P**, BOTTONI E, VOULAZ E, CARIBONI U, TESTORI A, BERTOLACCINI L, GIORDANO L, DIECI E, GRANATO L, VANNI E, MONTORSI M, ALLOISIO M, VERONESI G. Robotic surgery, video-assisted thoracic surgery, and open surgery for early stage lung cancer: comparison of costs and outcomes at a single institute. *J Thorac Dis.* 2018 Feb;10(2):790-798. doi: 10.21037/jtd.2018.01.123.
28. VERONESI G, PARK B, CERFOLIO R, DYLEWSKI M, TOKER A, FONTAINE JP, HANNA WC, MORENGHI E, **NOVELLIS P**, VELEZ-CUBIAN FO, AMARAL MH, DIECI E, ALLOISIO M, TOLOZA EM. Robotic resection of Stage III lung cancer: an international retrospective study. *Eur J Cardiothorac Surg.* 2018 Apr 30. doi: 10.1093/ejcts/ezy166.
29. PARDOLESI A, BERTOLACCINI L, BRANDOLINI J, SOLLI P, **NOVELLIS P**, VERONESI G. Four arms robotic-assisted pulmonary resection-left upper lobectomy: how to do it. *J Vis Surg.* 2018 May 22;4:109. doi: 10.21037/jovs.2018.05.04. eCollection 2018.
30. CARIBONI U, DE SANCTIS R, GIARETTA M, VOULAZ E, MORENGHI E, COLOMBO P, **NOVELLIS P**, BOTTONI E, ERRICO V, CREPALDI A, MARRARI A, NAVARRIA P, ASCOLESE AM, TESTORI A, SCORSETTI M, QUAGLIUOLO V, SANTORO A, ALLOISIO M. Survival Outcome and Prognostic Factors After Pulmonary Metastasectomy in Sarcoma Patients: A 18-Year Experience at a Single High-volume Referral Center. *Am J Clin Oncol.* 2018 Jul 25. doi: 10.1097/COC.0000000000000476.
31. BRUMMELMAN J, MAZZA EMC, ALVISI G, COLOMBO FS, GRILLI A, MIKULAK J, MAVILIO D, ALLOISIO M, FERRARI F, LOPCI E, **NOVELLIS P**, VERONESI G, LUGLI E. High-dimensional single cell analysis identifies stem-like cytotoxic CD8+ T cells infiltrating human tumors. *J Exp Med.* 2018 Aug 28. pii: jem.20180684. doi: 10.1084/jem.20180684.
32. VOULAZ E, VERONESI G, INFANTE M, CARIBONI U, TESTORI A, **NOVELLIS P**, BOTTONI E, PASSERA E, MORENGHI E, ALLOISIO M. Radical thymectomy versus conservative thymomectomy in the surgical treatment of thymic malignancies. *J Thorac Dis.* 2018 Jul;10(7):4127-4136. doi: 10.21037/jtd.2018.06.04.
33. SOLINAS M, **NOVELLIS P**, BOTTONI E, ERRICO V, VOULAZ E, ALLOISIO M, VERONESI G. Robotic approach in case of thymoma involving the left anonymous vein: a case report. *AME Case Rep.* 2017 Sep 28;1:3. doi: 10.21037/acr.2017.09.02.
34. PELOSI G, CANNONE M, BALLADORE E, RAHAL D, BOSSI P, **NOVELLIS P**, BOTTONI E, TOSCHI L, RONCALLI M, FRENCH CA, VERONESI G. Spindle Cell Nuclear in Testis Carcinoma of the Lung: A Challenging Tumor. *J Thorac Oncol.* 2019 Feb;14(2):311-313. doi: 10.1016/j.jtho.2018.11.010.
35. MAISONNEUVE P, RAMPINELLI C, BERTOLOTTI R, MISOTTI A, LOCOCO F, CASIRAGHI M, SPAGGIARI L, BELLOMI M, **NOVELLIS P**, SOLINAS M, DIECI E, ALLOISIO M, FONTANA L, PERSECHINO B, IAVICOLI S, VERONESI G. Low-dose computed tomography screening for lung cancer in people with workplace exposure to asbestos. *Lung Cancer.* 2019 May;131:23-30. doi: 10.1016/j.lungcan.2019.03.003.
36. **NOVELLIS P**, JADOON M, CARIBONI U, BOTTONI E, PARDOLESI A, VERONESI G. Management of robotic bleeding complications. *Ann Cardiothorac Surg.* 2019 Mar;8(2):292-295. doi: 10.21037/acs.2019.02.03.
37. CAO C, CERFOLIO RJ, LOUIE BE, MELFI F, VERONESI G, RAZZAK R, ROMANO G, **NOVELLIS P**, SHAH S, RANGANATH N, PARK BJ. Incidence, Management, and Outcomes of Intraoperative Catastrophes During Robotic Pulmonary Resection. *Ann Thorac Surg.* 2019

38. CAO C, LOUIE BE, MELFI F, VERONESI G, RAZZAK R, ROMANO G, **NOVELLIS P**, RANGANATH NK, PARK BJ. Impact of pulmonary function on pulmonary complications after robotic-assisted thoracoscopic lobectomy. *Eur J Cardiothorac Surg*. 2019 Jul 22. doi: 10.1093/ejcts/ezz205.
39. **NOVELLIS P**, VERONESI G, RAFFEEQ Z, ALLOISIO M. Thymoma surgery: extreme surgical indications. *J Thorac Dis*. 2019 Jul;11(7):2695-2699. doi: 10.21037/jtd.2019.06.63.
40. GRIZZI F, CASTELLO A, QEHAJAJ D, TOSCHI L, ROSSI S, PISTILLO D, PALEARI V, VERONESI G, **NOVELLIS P**, MONTERISI S, MINERI R, RAHAL D, LOPCI E. Independent expression of circulating and tissue levels of PD-L1: correlation of clusters with tumor metabolism and outcome in patients with non-small cell lung cancer. *Cancer Immunol Immunother*. 2019 Sep;68(9):1537-1545. doi: 10.1007/s00262-019-02387-9.
41. LOPCI E, **NOVELLIS P**, TESTORI A, RAHAL D, VOULAZ E, BOTTONI E, FERRAROLI GM, CREPALDI A, CERESOLI GL, PERRINO M, CASTELLO A, ALLOISIO M, VERONESI G, ZUCALI PA. In-vivo imaging of methionine metabolism in patients with suspected malignant pleural mesothelioma. *Nucl Med Commun*. 2019 Nov;40(11):1179-1186. doi: 10.1097/MNM.0000000000001078.
42. LOCOCO F, TORRICELLI F, LANG-LAZDUNSKI L, VERONESI G, RENA O, PACI M, CASADIO C, PIANA S, **NOVELLIS P**, DI STEFANO TS, CIARROCCHI A, BILLÈ A. Survival results in biphasic malignant pleural mesothelioma patients: A multicentric analysis. *J Thorac Cardiovasc Surg*. 2019 Sep 9. pii: S0022-5223(19)31751-9. doi: 10.1016/j.jtcvs.2019.08.027
43. CAO C, LOUIE BE, MELFI F, VERONESI G, RAZZAK R, ROMANO G, **NOVELLIS P**, RANGANATH NK, PARK BJ. Outcomes of major complications after robotic anatomic pulmonary resection. *J Thorac Cardiovasc Surg*. 2019 Sep 18. pii: S0022-5223(19)31809-4. doi: 10.1016/j.jtcvs.2019.08.057.
44. VERONESI G, BRUSCHINI P, **NOVELLIS P**. Robotic surgery can extend surgical indication in patients with lung cancer and impaired function. *J Thorac Dis*. 2019 Nov;11(11):E224-E228. doi: 10.21037/jtd.2019.10.14.
45. VERONESI G, **NOVELLIS P**, VOULAZ E, BRUSCHINI P. Robotic assisted lung resection for locally advanced lung cancer. *Expert Rev Respir Med*. 2020 Feb;14(2):121-124. doi: 10.1080/17476348.2020.1697235.
46. ALVISI G, BRUMMELMAN J, PUCCIO S, MAZZA EMC, PAOLUZZI TOMADA E, LOSURDO A, ZANON V, PEANO C, COLOMBO FS, SCARPA A, ALLOISIO M, VASANTHAKUMAR A, ROYCHOUDHURI R, KALLIKOURDIS M, PAGANI M, LOPCI E, **NOVELLIS P**, BLUME J, KALLIES A, VERONESI G, LUGLI E. IRF4 instructs effector Treg differentiation and immune suppression in human cancer. *J Clin Invest*. 2020 Mar 3. pii: 130426. doi: 10.1172/JCI130426.
47. VERONESI G, NAVONE N, **NOVELLIS P**, DIECI E, TOSCHI L, VELUTTI L, SOLINAS M, VANNI E, ALLOISIO M, GHISLANDI S. Favorable incremental cost-effectiveness ratio for lung cancer screening in Italy. *Lung Cancer*. 2020 Mar 19;143:73-79. doi: 10.1016/j.lungcan.2020.03.015.
48. VERONESI G, BALDWIN DR, HENSCHKE CI, GHISLANDI S, IAVICOLI S, OUDKERK M, DE KONING HJ, SHEMESH J, FIELD JK, ZULUETA JJ, HORGAN D, FIESTAS NAVARRETE L, VALENTINO INFANTE M, **NOVELLIS P**, MURRAY RL, PELED N, RAMPINELLI C, ROCCO G, RZYMAN W, SCAGLIOTTI GV, TAMMEMAGI MC, BERTOLACCINI L, TRIPHURIDET N, YIP

R, ROSSI A, SENAN S, FERRANTE G, BRAIN K, VAN DER AALST C, BONOMO L, CONSONNI D, VAN MEERBEECK JP, MAISONNEUVE P, NOVELLO S, DEVARAJ A, SAGHIR Z, PELOSI. Recommendations for Implementing Lung Cancer Screening with Low-Dose Computed Tomography in Europe. *Cancers (Basel)*. 2020 Jun 24;12(6):1672. doi: 10.3390/cancers12061672.

49. **BOTTONI E, BANZATTI BP, NOVELLIS P, FERRAROLI GM, ALLOISIO M.** Endoscopic Lipofilling for the Treatment of Bronchopleural Fistulas after Anatomic Lung Resection. *Ann Thorac Surg*. 2020 Jul 18;S0003-4975(20)31175-9. doi: 10.1016/j.athoracsur.2020.05.123.
50. **VOULAZ E, NOVELLIS P, ROSSETTI F, SOLINAS M, ROSSI S, ALLOISIO M, PELOSI G, VERONESI G.** Distinguishing multiple lung primaries from intra-pulmonary metastases and treatment implications. *Expert Rev Anticancer Ther*. 2020 Oct 6:1-11. doi: 10.1080/14737140.2020.1823223.
51. **NOVELLIS P, MAISONNEUVE P, DIECI E, VOULAZ E, BOTTONI E, DI STEFANO S, SOLINAS M, TESTORI A, CARIBONI U, ALLOISIO M, VERONESI G.** Quality of Life, Postoperative Pain, and Lymph Node Dissection in a Robotic Approach Compared to VATS and OPEN for Early Stage Lung Cancer. *J Clin Med*. 2021 Apr 14;10(8):1687. doi: 10.3390/jcm10081687.
52. **CARIBONI U, GENNARO N, COSTA F, RENNE SL, NOVELLIS P, MARRARI A, BERTUZZI AF, CIVILINI E.** Multi-Step Combined Upfront Surgery for Locally Advanced Paravertebral Sarcoma: A Case Report. *Front Surg*. 2021 Apr 26;8:664089. doi: 10.3389/fsurg.2021.664089. eCollection 2021.
53. **BONNAL RJP, ROSSETTI G, LUGLI E, DE SIMONE M, GRUARIN P, BRUMMELMAN J, DRUFUCA L, PASSARO M, BASON R, GERVASONI F, DELLA CHIARA G, D'ORIA C, MARTINOVIC M, CURTI S, RANZANI V, CORDIGLIERI C, ALVISI G, MAZZA EMC, OLIVETO S, SILVESTRI Y, CARELLI E, MAZZARA S, BOSOTTI R, SARNICOLA ML, GODANO C, BEVILACQUA V, LORENZO M, SIENA S, BONOLDI E, SARTORE-BIANCHI A, AMATU A, VERONESI G, NOVELLIS P, ALLOISIO M, GIANI A, ZUCCHINI N, OPOCHER E, CERETTI AP, MARIANI N, BIFFO S, PRATI D, BARDELLI A, GEGINAT J, LANZAVECCHIA A, ABRIGNANI S, PAGANI M.** Clonally expanded EOMES+ Tr1-like cells in primary and metastatic tumors are associated with disease progression. *Nat Immunol*. 2021 Jun;22(6):735-745. doi: 10.1038/s41590-021-00930-4. Epub 2021 May 20.
54. **NOVELLIS P, MONACO F, LANDONI G, ROSSETTI F, CARRETTA A, GREGORC V, ZANGRILLO A, VERONESI G.** Venoarterial Extracorporeal Membrane Oxygenation Support in Lung Cancer Resection. *Ann Thorac Surg*. 2022 Mar;113(3):e191-e193. doi: 10.1016/j.athoracsur.2021.05.040.
55. **NOVELLIS P, COMINESI SR, ROSSETTI F, MONDONI M, GREGORC V, VERONESI G.** Lung cancer screening: who pays? Who receives? The European perspectives. *Transl Lung Cancer Res*. 2021 May;10(5):2395-2406. doi: 10.21037/tlcr-20-677.
56. **FINA E, FEDERICO D, NOVELLIS P, DIECI E, MONTERISI S, CIOFFI F, MANGIAMELI G, FINOCCHIARO G, ALLOISIO M, VERONESI G.** Subpopulations of Circulating Cells with Morphological Features of Malignancy Are Preoperatively Detected and Have Differential Prognostic Significance in Non-Small Cell Lung Cancer. *Cancers (Basel)*. 2021 Sep 6;13(17):4488. doi: 10.3390/cancers13174488.
57. **VERONESI G, ABBAS AE, MURIANA P, LEMBO R, BOTTONI E, PERRONI G, TESTORI A, DIECI E, BAKHOS CT, CAR S, LUZZI L, ALLOISIO M, NOVELLIS P.** Perioperative Outcome of Robotic Approach *Versus* Manual Videothoroscopic Major Resection in Patients Affected by Early Lung Cancer: Results of a Randomized Multicentric Study (ROMAN Study). *Front Oncol*. 2021 Sep 9;11:726408. doi: 10.3389/fonc.2021.726408. eCollection 2021.
58. **VERONESI G, NOVELLIS P, PERRONI G.** Overview of the outcomes of robotic segmentectomy

and lobectomy. *J Thorac Dis.* 2021 Oct;13(10):6155-6162. doi: 10.21037/jtd-20-1752.

59. PATELLA M, BRUNELLI A, ADAMS L, CAFAROTTI S, COSTARDI L, DE LEYN P, DECALUWÉ H, FRANKS KN, FUENTES M, JIMENEZ MF, KARRI S, MOONS J, **NOVELLIS P**, RUFFINI E, VERONESI G, VOULAZ E, SHARGALL Y. A Risk Model to Predict the Delivery of Adjuvant Chemotherapy Following Lung Resection in Patients with Pathologically Positive Lymph Nodes. *Semin Thorac Cardiovasc Surg.* 2023 Summer;35(2):387-398. doi: 10.1053/j.semtcvs.2021.12.015. Epub 2022 Mar 8.
60. MONACO F, D'AMICO F, BARUCCO G, LICHERI M, **NOVELLIS P**, CIRIACO P, VERONESI G. Mitral Valve Systolic Anterior Motion in Robotic Thoracic Surgery as the Cause of Unexplained Hemodynamic Shock: From a Case Report to Recommendations. *J Clin Med.* 2022 Oct 13;11(20):6044. doi: 10.3390/jcm11206044.
61. **NOVELLIS P**, CANNAVÒ L, LEMBO R, EVANGELISTA A, DIECI E, GIUDICI VM, VERONESI G, LUZZATI A, ALLOISIO M, CARIBONI U. Surgical and Oncological Outcomes of En-Bloc Resection for Malignancies Invading the Thoracic Spine. *J Clin Med.* 2022 Dec 20;12(1):31. doi: 10.3390/jcm12010031.
62. FINA E, FEDERICO D, **NOVELLIS P**, DIECI E, MONTERISI S, CIOFFI F, MANGIAMELI G, FINOCCHIARO G, ALLOISIO M, VERONESI G. Subpopulations of Circulating Cells with Morphological Features of Malignancy Are Preoperatively Detected and Have Differential Prognostic Significance in Non-Small Cell Lung Cancer. *Cancers (Basel).* 2021 Sep 6;13(17):4488. doi: 10.3390/cancers13174488.
63. CONEN D, POPOVA E, WANG MK, CHAN MTV, LANDONI G, REIMER C, SRINATHAN SK, CATA JP, MCLEAN SR, TRUJILLO REYES JC, GRANDE AM, GONZALEZ TALLADA A, SESSLER DI, FLEISCHMANN E, MAZIAK DE, KABON B, VOLTOLINI L, GUTIÉRREZ-SORIANO L, TANDON V, DUMERTON D, KIDANE B, RAJARAM R, SHARGALL Y, NEARY JD, WELLS JR, MCINTYRE WF, BLUM S, OFORI SN, VINCENT J, XU L, LI Z, HEALEY JS, GARG AX, DEVEREAUX PJ; COP-AF INVESTIGATORS. Rationale and design of the colchicine for the prevention of perioperative atrial fibrillation in patients undergoing major noncardiac thoracic surgery (COP-AF) trial. *Am Heart J.* 2023 May;259:87-96. doi: 10.1016/j.ahj.2023.01.018. Epub 2023 Feb 7.
64. MURIANA P, ROSSETTI F, VISCARDI S, **NOVELLIS P**, VERONESI G. Prolonged air leak after robotic lung resection: a narrative review. *J Thorac Dis.* 2023 Feb 28;15(2):909-917. doi: 10.21037/jtd-22-818. Epub 2022 Nov 15.
65. CONEN D, KE WANG M, POPOVA E, CHAN MTV, LANDONI G, CATA JP, REIMER C, MCLEAN SR, SRINATHAN SK, REYES JCT, GRANDE AM, TALLADA AG, SESSLER DI, FLEISCHMANN E, KABON B, VOLTOLINI L, CRUZ P, MAZIAK DE, GUTIÉRREZ-SORIANO L, MCINTYRE WF, TANDON V, MARTÍNEZ-TÉLLEZ E, GUERRA-LONDONO JJ, DUMERTON D, WONG RHL, MCGUIRE AL, KIDANE B, ROUX DP, SHARGALL Y, WELLS JR, OFORI SN, VINCENT J, XU L, LI Z, EIKELBOOM JW, JOLLY SS, HEALEY JS, DEVEREAUX PJ; COP-AF INVESTIGATORS. Effect of colchicine on perioperative atrial fibrillation and myocardial injury after non-cardiac surgery in patients undergoing major thoracic surgery (COP-AF): an international randomised trial. *Lancet.* 2023 Nov 4;402(10413):1627-1635. doi: 10.1016/S0140-6736(23)01689-6. Epub 2023 Aug 25.
66. MURIANA P, ROSSETTI F, **NOVELLIS P**, VERONESI G. Lung Cancer Screening: The European Perspective. *Thorac Surg Clin.* 2023 Nov;33(4):375-383. doi: 10.1016/j.thorsurg.2023.04.017. Epub 2023 Jun 1.
67. ANTONICELLI A, MURIANA P, FAVARO G, MANGIAMELI G, LANZA E, PROFILI M,

BIANCHI F, FINA E, FERRANTE G, GHISLANDI S, PISTILLO D, FINOCCHIARO G, CONDORELLI G, LEMBO R, **NOVELLIS P**, DIECI E, DE SANTIS S, VERONESI G. The Smokers Health Multiple ACtions (SMAC-1) Trial: Study Design and Results of the Baseline Round. *Cancers (Basel)*. 2024 Jan 18;16(2):417. doi: 10.3390/cancers16020417.

68. COMACCHIO GM, SCHIAVON M, ZIRAFÀ CC, DE PALMA A, SCARAMUZZI R, MEACCI E, BONGIOLATTI S, MONACI N, LYBERIS P, NOVELLIS P, BRANDOLINI J, PARINI S, RICCIARDI S, D'ANDRILLI A, BOTTONI E, GALLINA FT, MARINO MC, LORENZONI G, FRANCAVILLA A, RENDINA EA, CARDILLO G, RENA O, SOLLI P, ALLOISIO M, LUZZI L, FACCILOLO F, VOLTOLINI L, MARGARITORA S, CURCIO C, MARULLI G, RUFFINI E, VERONESI G, MELFI F, REA F. Robotic thymectomy in thymic tumours: a multicentre, nation-wide study. *Eur J Cardiothorac Surg*. 2024 May 3;65(5):ezae178. doi: 10.1093/ejcts/ezae178.

Book Chapter and Special issue

Chapter 11 "Torace e diaframma". P. GRANONE, P. NOVELLIS, M. PASTINA, D. NACHIRA. *Manuale di Semeiotica e Metodologia Chirurgica*, Elsevier, Masson-Edra, 2014. F. Basile, R. Bellantone, A. Biondi, G. Di Candio, G. Dionigi, L. Docimo, C. Lombardi; edizioni Minerva Medica; ISBN 978-88-7711-623-9.

He was co-editor of a "special issue" (Special Issue "Robotic Surgery") of the journal: *Journal of Clinical Medicine* (ISSN 2077-0383). All the information is activated on this web-site: https://www.mdpi.com/journal/jcm/special_issues/robotic_surgery#editors

Co-author of chapter 18 of the book "The Foundation and Art of Robotic Surgery" by Pier Cristoforo Giulianotti, Enrico Benedetti e Alberto Mangano: "A. Lung Upper Lobectomies; B. Lung Lower Lobectomies". Edited by McGraw Hill, 1st Edition, ISBN 1264257422 · 9781264257423; by Pier Cristoforo Giulianotti, Enrico Benedetti, Alberto Mangano.

IT SKILLS

- Excellent knowledge of Microsoft and Macintosh operating systems
- Use of the main graphic processing and management software images and videos (Photoshop, Acrobat, FinalCut, iMovie).
- Use of the statistical processing program STATA16

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above-mentioned decree.

Milan, the 23rd of June 2025
Pierluigi Novellis