



A. PERSONAL INFORMATION

Name and Surname **Giuseppe Caruso**
 Sex Male
 Date – place of birth July 10th, 1992 – Syracuse (Italy)
 Citizenship Italian
 E-mail giuseppe.caruso@ieo.it; caruso.giuseppe@mayo.edu



POSITION TITLE **M.D. – Ob/Gyn Specialist – Ph.D. Fellow – Mayo Clinic research collaborator**

B. PERSONAL STATEMENT

Dr. Giuseppe Caruso is a medical doctor specialized in Obstetrics and Gynecology, currently working as a physician at the Division of Gynecologic Oncology, Gynecologic Cancer Medical Treatments, IEO, European Institute of Oncology IRCCS, Milan, Italy, under the mentorship of Professor Nicoletta Colombo. He is also a second-year PhD fellow in “Network Oncology and Precision Medicine” at the Department of Sperimental Medicine, Sapienza University of Rome (Italy). Between April 2023 and March 2024, Dr. Caruso was a research fellow at the Division of Gynecologic Oncology at the Mayo Clinic in Rochester (Minnesota, USA), under the mentorship of Professor William Cliby, and he is currently a research collaborator at the Mayo Clinic. His main areas of interest are gynecologic oncology, precision oncology, and clinical research.

C. EDUCATION AND TRAINING

07/2023-12/2023 **Editorial Fellowship**
 International Journal of Gynecological Cancer (Editor-In-Chief: Prof. Pedro T. Ramirez)

04/2023-12/2023 **Visiting Research Fellowship**
 Division of Gynecologic Oncology, Mayo Clinic, Rochester, Minnesota (Mentor: Prof. William A. Cliby)

2022-present **Degree: Ph.D.**
 PhD Fellow in “Network Oncology and Precision Medicine” (XXXVII cycle), Department of Experimental Medicine, Sapienza University of Rome, IT (Mentors: Prof. Elisabetta Ferretti; Prof. Andrea Botticelli)

11/2018-10/2023 **Degree: Residency**
 Residency Training Program, Obstetrics and Gynecology, Department of Maternal and Child Health and Urological Sciences, Sapienza University of Rome, Rome, IT
 01/2022-12/2022 Residency Training Program, Gynecologic Oncology Program, European Institute of Oncology (IEO), Milan, IT (Mentors: Prof. Nicoletta Colombo; Prof. Giovanni D. Aletti)

2011-2017 **Degree: M.D.**
 Single-cycle Degree Program in Medicine and Surgery (score: 110/110 summa cum laude), Catholic University of the Sacred Heart, Rome, Italy

Thesis Title: “Vascular and autonomic cardiac function in patients with acute coronary syndrome with or without coronary obstructive disease” (Mentor: Prof. Filippo Crea)

2006-2011

Degree: High School

Scientific Diploma (score: 100/100 summa cum laude) – Scientific High School “O. M. Corbino”, Syracuse (SR), Italy

Other Education and Training: Courses, Qualifications and Certifications

07/2023-03/2024

Mayo Clinic Center for Clinical and Translational Science (CCaTS) Certificate Program, Rochester, MN

- CTSC 5360: Introduction to Epidemiology
- CTSC 5600: Introduction to Statistics in Clinical and Translational Research
- CTSC 5602: Introduction to Utilizing Statistical Software in Clinical and Translational Research
- CTSC 5100: Academic Publishing
- CTSC 5610: Statistics in Clinical and Translational Research: Linear Regression Concepts, Interpretation, and Statistical Software
- CTSC 5010: Clinical Research Proposal Development
- CORE 6000: Responsible Conduct of Research

05/2023

Fundamentals of Clinical and Translational Science (FunCaTS), Mayo Clinic Center for Clinical and Translational Science (CCaTS), Rochester, MN

07/2022-09/2022

Diploma of the “Academy in Gynecologic Oncology” of the MITO Group (Mentor: Prof. Sandro Pignata)

07/2017-08/2017

Volunteer Medical Doctor

Benedict Medical Center, Bombo Military Hospital, and St. Francis Hospital Nsambya – UCSC Charity Work Program, Italia Uganda Onlus

07/2017-08/2017

International Volunteering

Bishop Cipriano Kihangire Nursery & Primary School, Family of Africa Orphanage – UCSC Charity Work Program, Italia Uganda Onlus

05/2022

IV MUGO Course (Milan Ultrasound in Gynaecologic Oncology). Title: “L’ecografia nella patologia ginecologica della donna giovane”

2015-2017

Internship

Department of Cardiovascular Medicine, Policlinico Universitario Agostino Gemelli, Rome, Italy (Mentors: Prof. Gaetano A. Lanza; Prof. Filippo Crea)

2013-2014

Internship

Department of Neuroscience, Institute of Human Physiology, Catholic University of the Sacred Heart, Rome, Italy (Mentor: Prof. Claudio Grassi)

B. POSITIONS, SCIENTIFIC APPOINTMENTS, AND HONORS

Positions and Employment

04/2024-present

Physician

Division of Gynecologic Oncology, Gynecologic Cancer Medical Treatments, IEO, European Institute of Oncology IRCCS, Milan, Italy

- 01/2024-03/2024 **Research Fellow**
Division of Gynecologic Oncology, Mayo Clinic, Rochester, Minnesota (Mentor: Prof. William A. Cliby)
- 04/2023-12/2023 **Visiting Research Fellow**
Division of Gynecologic Oncology, Mayo Clinic, Rochester, Minnesota (Mentor: Prof. William A. Cliby)
- 07/2023-present **IJGC Editorial Fellow**
International Journal of Gynecological Cancer (Editor-In-Chief: Prof. Pedro T. Ramirez)
- 11/2022-present **Ph.D. Fellow**
Ph.D. “Network Oncology and Precision Medicine” (XXXVII cycle), Department of Experimental Medicine, Sapienza University of Rome, IT (Mentors: Prof. Elisabetta Ferretti; Prof. Andrea Botticelli)
- 11/2018-10/2023 **Resident**
Obstetrics and Gynecology, Department of Maternal and Child Health and Urological Sciences, Sapienza University of Rome, Rome, IT
01/2022 - 12/2022 Resident, Gynecologic Oncology Program, European Institute of Oncology (IEO), Milan, IT

Scientific Appointments

Memberships

- ESGO (European Society of Gynecologic Oncology)
- ENYGO (European Network of Young Gynaecological Oncologists)
- ESMO (European Society for Medical Oncology)
- IGCS (International Gynecologic Cancer Society)
- MaNGO (Mario Negri Gynecologic Oncology group)
- YMaGiNe (Young Mango Gynecologic Network)
- MITO (Multicenter Italian Trials in Ovarian Cancer and gynecological malignancies)
- AIOM (Associazione Italiana Oncologi Medici)
- SIEOG (Società Italiana di Ecografia Ostetrica e Ginecologica)
- SIGO (Società Italiana di Ginecologia ed Ostetricia)

Sub-Investigator (in national and international clinical trials)

- MK-7339-001/ENGOT-ov43
- AtTEnd
- CORT125134-552
- ATHENA
- GCT1015-05
- MITO 34
- PASS
- ROSELLA
- NIRVANA-1/GINECO-OV129b/ENGOT-OV63
- LEPRE
- IOLANTHE
- REGENERON R4018
- NiTCHE (MITO 33)
- CPI-0209-01
- RAMP-301/GOG-3097/ENGOT-ov81/NCRI
- ENGOT-ov77/GOG-3096

- XPORT-EC-042/ENGOT-EN20/GOG-3083
- POD1UM-204
- DOMENICA/GINECO-EN105b/ENGOT-en13
- ENGOT-en23/GOG3095
- EVOLVE
- KEYNOTE-587

Invited Talks

- Certificate of Advanced Studies in Gynaecological cancers (CAS-Gyn) programme 2024 – ESO (European Society of Oncology). Module 5: Non epithelial ovarian cancer and rare ovarian cancers. Lecture: Mucinous and low-grade epithelial ovarian cancers.
- Congress YmaGiNe (Milan, 17 May 2024). Title: “Endometrial cancer recurrence: Role of radiotherapy, chemotherapy and immunotherapy based on molecular profile”
- Congress “Il paziente BRCA mutato: dalla prevenzione alla terapia mirata”, Sapienza University of Rome (Rome, 19 Dec 2022). Titles: “Neoplasie Mieloidi post PARPi” and “Test genetici: metodiche a confronto”.
- Congress ACCMED “PARP-i e trattamento della paziente con carcinoma ovarico. Dalla teoria alla pratica” (Milan, 20 Sep 2022). Title: “PARP e mielodisplasia/leucemia: quando inviare la paziente all’ematologo e gestione della complicità”.
- Academic Summer Course, Seminario Sapienza University of Rome (Rome, 16-17 Jun 2022) – Title: “Mutazione BRCA: implicazioni cliniche, diagnostiche e terapeutiche”.
- Webinar “Casi clinici al limite: quando la realtà supera la scienza” (12 May 2022) – Title: “Progressione rapida di malattia in paziente in terapia di mantenimento con inibitori PARP in prima linea: come e cosa scegliere”.
- Webinar Voicing Ovarian Cancer Excellence (VOCE) Esperienze di Tailoring Terapeutico (19 Nov 2021).

Honors and Awards

- 2023 Editorial Fellowship of the International Journal of Gynecological Cancer (IJGC) (Editor-In-Chief: Prof. Pedro T. Ramirez).
- Selected Lead Article for the IJGC Podcast. Title: “Systemic therapy de-escalation in advanced ovarian cancer: a new era on the horizon?”.
- Selected Lead Article for the April 2023 issue of the IJGC and for IJGC Journal Club and Podcast. Title: “Poly (ADP-ribose) polymerase inhibitors (PARPi) in ovarian cancer: lessons learned and future directions”.
- Selected Article for the IJGC Podcast. Title: “Myeloid neoplasms post PARP inhibitors for ovarian cancer”.
- 2023 Scholarship “Progetti di Ricerca, 2023” (Sapienza University, Rome Italy) for the research project entitled “Frequency and management of preneoplastic lesions in BRCAm patients undergoing RRSO (Risk Reducing Salpingo Oophorectomy): an observational multicentric study”. Role: Collaborator.
- 2023 Scholarship “Progetti per Avvio alla Ricerca, 2023” (Sapienza University, Rome Italy) for the research project entitled “Validation of a risk-based algorithm for delayed interval debulking surgery following neoadjuvant chemotherapy in advanced epithelial ovarian cancer”. Role: Principal Investigator.
- 2022 Scholarship “Progetti per Avvio alla Ricerca, 2022” (Sapienza University, Rome Italy) for the research project entitled “Homologous recombination deficiency and serous endometrial cancer: towards personalized treatment strategies”. Role: Principal Investigator.
- 2022 Scholarship “Progetti di Ricerca Medi, 2022” (Sapienza University, Rome Italy) for the research project entitled “The role of liquid biopsy associated to CT scan radiomics features in high grade serous ovarian carcinoma.”. Role: Collaborator.

- 2021 Scholarship “Progetti per Avvio alla Ricerca, 2021” (Sapienza University, Rome Italy) for the research project entitled “Adjuvant HPV vaccination for secondary prevention of HPV-related clinical diseases”. Role: Principal Investigator.
- 2019 Scholarship “Progetti per Avvio alla Ricerca, 2019” (Sapienza University, Rome Italy) for the research project entitled “Adverse post-operative outcome in patients with ovarian cancer refusing blood transfusion: a single institution experience”. Role: Principal Investigator.
- 03/15/2018 Registration to the Order of the Physicians of Rome (n. 63632).
- 2017 License to practise Medicine (score: 270/270), Catholic University of the Sacred Heart, Rome, Italy.
- 2017 UCSC Charity Work Program Scholarship, Catholic University of the Sacred Heart, Rome, IT.
- Six-time winner (2011-2017) of the EDUCatt Scholarship, Catholic University of the Sacred Heart, Rome, IT

D. CONTRIBUTIONS TO SCIENCE

Dr. Caruso has authored and co-authored several papers and participated in numerous research projects on different topics in the field of Obstetrics and Gynecology, particularly in the area of Gynecologic Oncology. His main areas of interest are gynecologic oncology, precision oncology, and clinical research.

Bibliometric Data Source

H-index: 10 (Scopus) – 11 (Google Scholar) – 11 (Research Gate)

Scopus ID: 57217333735

ORCID: 0000-0001-5501-1936

Researcher ID: IAQ-6601-2023

Peer Reviewed Publications (Scopus and PubMed)

1. **Caruso G (corresponding author)**, Coleman RL, Aletti G, Multinu F, Botticelli A, Palaia I, Cliby W, Colombo N. Systemic therapy de-escalation in advanced ovarian cancer: a new era on the horizon? *Int J Gynecol Cancer*. 2023 Aug 18;ijgc-2023-004740. doi: 10.1136/ijgc-2023-004740. PMID: 37597852.
2. **Caruso G (corresponding author)**, Tomao F, Parma G, Lapresa M, Multinu F, Palaia I, Aletti G, Colombo N. Poly (ADP-ribose) polymerase inhibitors (PARPi) in ovarian cancer: lessons learned and future directions. *Int J Gynecol Cancer*. 2023 Apr 3;33(4):431-443. doi: 10.1136/ijgc-2022-004149. PMID: 36928097.
3. **Caruso G (corresponding author)**, Gigli F, Parma G, Lapresa M, Derio S, Palaia I, Colombo N. Myeloid neoplasms post PARP inhibitors for ovarian cancer. *Int J Gynecol Cancer*. 2023 Apr 3;33(4):598-606. doi: 10.1136/ijgc-2022-004190. PMID: 36707087.
4. **Caruso G (corresponding author)**, Palaia I, Bogani G, Tomao F, Perniola G, Benedetti Panici P, Muzii L, Di Donato V. Systematic lymph node dissection during interval debulking surgery for advanced epithelial ovarian cancer: a systematic review and meta-analysis. *J Gynecol Oncol*. 2022 Sep;33(5):e69. doi: 10.3802/jgo.2022.33.e69. Epub 2022 Jul 6. PMID: 35882606; PMCID: PMC9428300.
5. **Caruso G (corresponding author)**, Sassu CM, Tomao F, Di Donato V, Perniola G, Fischetti M, Benedetti Panici P, Palaia I. The puzzle of gynecologic neuroendocrine carcinomas: State of the art and future directions. *Crit Rev Oncol Hematol*. 2021 Jun;162:103344. doi: 10.1016/j.critrevonc.2021.103344. Epub 2021 Apr 29. PMID: 33933568.
6. **Caruso G**, Bruni S, Lapresa M, De Vitis LA, Parma G, Minicucci V, Betella I, Schivardi G, Peccatori F, Lazzari R, Cliby W, Aletti GD, Zanagnolo V, Maggioni A, Colombo N, Multinu F. Dose-dense neoadjuvant chemotherapy before radical surgery in cervical cancer: a retrospective cohort study and systematic literature review. *Int J Gynecol Cancer*. 2023 Nov 10;ijgc-2023-004928. doi: 10.1136/ijgc-2023-004928. Epub ahead of print. PMID: 37949488.
7. **Caruso G**, Barcellini A, Mazzeo R, Gallo R, Vitale MG, Passarelli A, Mangili G, Pignata S, Palaia I. Vulvar Paget's Disease: A Systematic Review of the MITO Rare Cancer Group. *Cancers (Basel)*. 2023 Mar 16;15(6):1803. doi: 10.3390/cancers15061803. PMID: 36980691; PMCID: PMC10046936.
8. **Caruso G (corresponding author)**, Palaia I, Di Donato V, Pernazza A, Gallo R, Perniola G, Leopizzi M, Della Rocca C, Muzii L, Panici PB. Radical Surgery After Neoadjuvant Chemotherapy for Locally

- Advanced Neuroendocrine Cancer of the Cervix. *Anticancer Res.* 2021 Sep;41(9):4431-4438. doi: 10.21873/anticancer.15250.
9. **Caruso G (corresponding author)**, Marcoccia E, Brunelli R, Candelieri M, Schiavi MC, Zannini I, Perrone S, Capri O, Muzii L, Perrone G, Galoppi P. Immigration and Adverse Pregnancy Outcomes in an Italian Free Care Hospital. *Int J Womens Health.* 2021 Oct 7;13:911-917. doi: 10.2147/IJWH.S322828. PMID: 34675689; PMCID: PMC8504550.
 10. **Caruso G**, Musacchio L, Santangelo G, Palaia I, Tomao F, Di Donato V, Perniola G, Salutarì V, Benedetti Panici P. Ovarian Cancer Metastasis to the Breast: A Case Report and Review of the Literature. *Case Rep Oncol.* 2020 Oct 27;13(3):1317-1324. doi: 10.1159/000509770. PMID: 33250748; PMCID: PMC7670356.
 11. **Caruso G (corresponding author)**, Scopelliti A, Scaramuzzino S, Perrone G, Galoppi P, Palaia I, Muzii L, Panici PB, Brunelli R. Cabergoline as an adjuvant to standard heart failure treatment in peripartum cardiomyopathy: A case report and review of the literature. *Case Rep Womens Health.* 2020 Dec 7;29:e00277. doi: 10.1016/j.crwh.2020.e00277. PMID: 33344177; PMCID: PMC7736906.
 12. **Caruso G (corresponding author)**, Paladini V, D'ambrosio V, Giancotti A, Piccioni MG, Palaia I, Di Donato V, Perniola G, Brunelli R, Pecorini F, Muzii L, Scudo M. Combined vesicouterine rupture during second-trimester medical abortion for fetal abnormality after prior cesarean delivery: A case report. *Case Rep Womens Health.* 2021 Oct 27;32:e00364. doi: 10.1016/j.crwh.2021.e00364. PMID: 34765461; PMCID: PMC8570940.
 13. Di Donato V, **Caruso G (corresponding author)**, Petrillo M, Kontopantelis E, Palaia I, Perniola G, Plotti F, Angioli R, Muzii L, Benedetti Panici P, Bogani G. Adjuvant HPV Vaccination to Prevent Recurrent Cervical Dysplasia after Surgical Treatment: A Meta-Analysis. *Vaccines (Basel).* 2021 Apr 21;9(5):410. doi: 10.3390/vaccines9050410. PMID: 33919003; PMCID: PMC8143003.
 14. Di Donato V, **Caruso G (corresponding author)**, Bogani G, Cavallari EN, Palaia G, Perniola G, Ralli M, Sorrenti S, Romeo U, Pernazza A, Pierangeli A, Clementi I, Mingoli A, Cassoni A, Tanzi F, Cuccu I, Recine N, Mancino P, de Vincentiis M, Valentini V, d'Ettore G, Della Rocca C, Mastroianni CM, Antonelli G, Polimeni A, Muzii L, Palaia I. HPV Vaccination after Primary Treatment of HPV-Related Disease across Different Organ Sites: A Multidisciplinary Comprehensive Review and Meta-Analysis. *Vaccines (Basel).* 2022 Feb 4;10(2):239. PMID: 35214697; PMCID: PMC8879645.
 15. Di Donato V, **Caruso G (corresponding author)**, Bogani G, Giannini A, D'Oria O, Perniola G, Palaia I, Plotti F, Angioli R, Muzii L, Benedetti Panici P. Preoperative frailty assessment in patients undergoing gynecologic oncology surgery: A systematic review. *Gynecol Oncol.* 2021 Apr;161(1):11-19. doi: 10.1016/j.ygyno.2020.12.030. PMID: 33414025.
 16. Colombo N, **Caruso G**, Jalving M. Immune Checkpoint Inhibitors in Endometrial Cancer: A Cinderella Story. *Ann Oncol.* 2024 Aug;35(8):686-688. doi: 10.1016/j.annonc.2024.06.008. PMID: 39048260.
 17. Bogani G, Ray-Coquard I, Concin N, Ngoi NYL, Morice P, **Caruso G**, Enomoto T, Takehara K, Denys H, Lorusso D, Coleman R, Vaughan MM, Takano M, Provencher DM, Sagae S, Wimberger P, Póka R, Segev Y, Kim SI, Kim JW, Candido Dos Reis FJ, Ramirez PT, Mariani A, Leitao M, Makker V, Abu-Rustum NR, Vergote I, Zannoni G, Tan D, McCormack M, Paolini B, Bini M, Raspagliesi F, Benedetti Panici P, Di Donato V, Muzii L, Colombo N, Pignata S, Scambia G, Monk BJ. Endometrial carcinosarcoma. *Int J Gynecol Cancer.* 2022 Dec 30;ijgc-2022-004073. doi: 10.1136/ijgc-2022-004073. Epub ahead of print. PMID: 36585027.
 18. Palaia I, **Caruso G (corresponding author)**, Di Donato V, Vestri A, Napoli A, Perniola G, Casinelli M, Alunni Fegatelli D, Campagna R, Tomao F, D'Aniello D, Antonelli G, Muzii L. Pfizer-BioNTech COVID-19 Vaccine in Gynecologic Oncology Patients: A Prospective Cohort Study. *Vaccines (Basel).* 2021 Dec 23;10(1):12. doi: 10.3390/vaccines10010012. PMID: 35062673; PMCID: PMC8780883.
 19. Bogani G, Ray-Coquard I, Mutch D, Vergote I, Ramirez PT, Prat J, Concin N, Ngoi NYL, Coleman RL, Enomoto T, Takehara K, Denys H, Lorusso D, Takano M, Sagae S, Wimberger P, Segev Y, Kim SI, Kim JW, Herrera F, Mariani A, Brooks RA, Tan D, Paolini B, Chiappa V, Longo M, Raspagliesi F, Benedetti Panici P, Di Donato V, **Caruso G**, Colombo N, Pignata S, Zannoni G, Scambia G, Monk BJ. Gestational choriocarcinoma. *Int J Gynecol Cancer.* 2023 Sep 27;ijgc-2023-004704. doi: 10.1136/ijgc-2023-004704. Epub ahead of print. PMID: 37758451.
 20. Palaia I, **Caruso G (corresponding author)**, Di Donato V, Perniola G, Ferrazza G, Panzini E, Scudo M, Di Pinto A, Muzii L, Panici PB. Peri-operative blood management of Jehovah's Witnesses undergoing cytoreductive surgery for advanced ovarian cancer. *Blood Transfus.* 2021 Feb 25. doi: 10.2450/2021.0416-20. Epub ahead of print. PMID: 33819138.
 21. Musacchio L, **Caruso G**, Pisano C, Cecere SC, Di Napoli M, Attademo L, Tambaro R, Russo D, Califano D, Palaia I, Muzii L, Benedetti Panici P, Pignata S. PARP Inhibitors in Endometrial Cancer: Current Status and Perspectives. *Cancer Manag Res.* 2020 Jul 22;12:6123-6135. doi: 10.2147/CMAR.S221001. PMID: 32801862; PMCID: PMC7383016.
 22. Palaia I, **Caruso G (corresponding author)**, Di Donato V, Turetta C, Savarese A, Perniola G, Gallo R, Giannini A, Salutarì V, Bogani G, Tomao F, Giannarelli D, Gentile G, Musella A, Muzii L, Pignata S; MITO

- group. Hormone replacement therapy in gynecological cancer survivors and BRCA mutation carriers: a MITO group survey. *J Gynecol Oncol.* 2024 Mar 4. doi: 10.3802/jgo.2024.35.e70. Epub ahead of print. PMID: 38497108.
23. Tomao F, **Caruso G (corresponding author)**, Musacchio L, Di Donato V, Petrella MC, Verrico M, Tomao S, Benedetti Panici P, Muzii L, Palaia I. Capecitabine in treating patients with advanced, persistent, or recurrent cervical cancer: an active and safe option? *Expert Opin Drug Saf.* 2021 Feb 15;1-10. doi: 10.1080/14740338.2021.1887850. Epub ahead of print. PMID: 33555963.
 24. Di Donato V, **Caruso G (corresponding author)**, Sassu CM, Santangelo G, Bogani G, Plotti F, Sorbi F, Perniola G, Palaia I, Terrin G, Angioli R, Benedetti Panici P, Muzii L. Fertility-sparing surgery for women with stage I cervical cancer of 4 cm or larger: a systematic review. *J Gynecol Oncol.* 2021 Nov;32(6):e83. doi: 10.3802/jgo.2021.32.e83. Epub 2021 Aug 4. PMID: 34431254; PMCID: PMC8550926.
 25. Savastano G, **Caruso G (co-first author; corresponding author)**, Pompeo D, Loboizzo B, Perrone G, Pecorini F, Palaia I, Muzii L, Galoppi P, Brunelli R. Pregnancy and post-partum outcomes of obese women after bariatric surgery: A case-control study. *Eur J Obstet Gynecol Reprod Biol.* 2022 Mar 9;272:43-47. doi: 10.1016/j.ejogrb.2022.03.016. Epub ahead of print. PMID: 35279640.
 26. Di Mascio D, **Caruso G (corresponding author)**, Prata G, Saccone G, Terrin G, Giancotti A, Brunelli R, Muzii L, Benedetti Panici P, Di Donato V. The efficacy of abdominal binders in reducing postoperative pain and distress after cesarean delivery: A meta-analysis of randomized controlled trials. *Eur J Obstet Gynecol Reprod Biol.* 2021 Jul;262:73-79. doi: 10.1016/j.ejogrb.2021.05.014. Epub 2021 May 9. PMID: 33993065.
 27. Palaia I, **Caruso G (corresponding author)**, Perniola G, Di Donato V, Brunelli R, Vestri A, Scudo M, Gentile G, Musella A, Benedetti Panici P, Muzii L. The efficacy of preoperative low-residue diet on postoperative ileus following cesarean section. *J Matern Fetal Neonatal Med.* 2023 Dec;36(1):2203795. doi: 10.1080/14767058.2023.2203795. PMID: 37088567.
 28. Santangelo G, **Caruso G**, Palaia I, Tomao G, Perniola G, Di Donato V, Fischetti M, Muzii L, Benedetti Panici P. The emerging role of precision medicine in the treatment of ovarian cancer. *Expert Review of Precision Medicine and Drug Development*, 2020 5:4, 283-297, DOI: 10.1080/23808993.2020.1777854
 29. De Vitis LA, Schivardi G, **Caruso G**, Fumagalli C, Vacirca D, Achilare MT, Aloisi A, Garbi A, Zanagnolo V, Aletti G, Guerini-Rocco E, Mariani A, Maggioni A, Barberis M, Bogani G, Colombo N, Multinu F, Betella I. Clinicopathological characteristics of multiple-classifier endometrial cancers: a cohort study and systematic review. *Int J Gynecol Cancer.* 2023 Dec 22;ijgc-2023-004864. doi: 10.1136/ijgc-2023-004864. Epub ahead of print. PMID: 38135437.
 30. Durante S, Cuccia F, Rigo M, Caminiti G, Mastroleo F, Lazzari R, Corrao G, **Caruso G**, Vigorito S, Cattani F, Ferrera G, Chiantera V, Alongi F, Colombo N, Jerezek-Fossa BA. Stereotactic radiotherapy for managing ovarian cancer oligoprogression under poly (ADP-ribose) polymerase inhibitors (PARPi). *Int J Gynecol Cancer.* 2024 May 31;ijgc-2024-005361. doi: 10.1136/ijgc-2024-005361. Epub ahead of print. PMID: 38821546.
 31. Di Donato V, Di Pinto A, Giannini A, **Caruso G**, D'Oria O, Tomao F, Fischetti M, Perniola G, Palaia I, Muzii L, Benedetti Panici P. Modified fragility index and surgical complexity score are able to predict postoperative morbidity and mortality after cytoreductive surgery for advanced ovarian cancer. *Gynecol Oncol.* 2021 Apr;161(1):4-10. doi: 10.1016/j.ygyno.2020.08.022. Epub 2020 Nov 19. PMID: 33223220.
 32. Musacchio L, Boccia SM, **Caruso G**, Santangelo G, Fischetti M, Tomao F, Perniola G, Palaia I, Muzii L, Pignata S, Benedetti Panici P, Di Donato V. Immune Checkpoint Inhibitors: A Promising Choice for Endometrial Cancer Patients? *J Clin Med.* 2020 Jun 3;9(6):1721. doi: 10.3390/jcm9061721. PMID: 32503218; PMCID: PMC7356971.
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1. Di Donato V, **Caruso G (corresponding author)**, Perniola G, Palaia I, Muzii L, Benedetti Panici P. Metastasis in gynecological cancers. In: Ammad Farooqi A, Qureshi MZ, Sabitaliyevi UY, editors. *Unraveling the Complexities of Metastasis: Transition*
2. Colombo N and **Caruso G**. ESGO 2023 Textbook. Chapter Title: "Basic principles of chemotherapy, targeted therapy, immunotherapy and hormone therapy, including maintenance therapy"

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E. REFERENCES

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