

Curriculum Vitae

INFORMAZIONI PERSONALI

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FORMAZIONE TITOLI

Laurea Specialistica in Medicina e Chirurgia (ai sensi del D.M. 509/1999 classe 46/S) conseguita in data 27 Luglio 2010 presso l'Università degli Studi di Messina, con votazione 110/110 (centodieci su centodieci).

Master di II Livello in Chirurgia Mini-Invasiva e Chirurgia Robotica Ginecologica, conseguito in data 6 Settembre 2013 presso l'Università di Pisa.

Specializzazione in Ginecologia ed Ostetricia (ai sensi del D.Lgs. 368/99, classe SAS-5006 secondo quanto previsto dal D.M. 1 Agosto 2005), conseguita in data 2 Luglio 2016 presso l'Università degli Studi di Messina, con votazione 50/50 (cinquanta su cinquanta) cum laude.

Fellowship "Subspecialist training programme in Reproductive Medicine" secondo quanto decretato dall'European Society of Human Reproduction and Embryology (ESHRE) e dall'European Board and College of Gynecology and Obstetrics (EBCOG), conseguita presso l'Univerzitetni Klini ni Center di Ljubljana nel Giugno 2017.

Dottorato di Ricerca in "Biotecnologie Mediche e Chirurgiche" con certificazione di "Doctor Europaeus", conseguito il 30 Ottobre 2019 presso l'Università degli Studi di Messina, discutendo la tesi "*Evaluation of M1 and M2 macrophages in ovarian endometriomas from women affected by endometriosis at different stages of the disease*" successivamente pubblicata su Gynecological Endocrinology (<https://www.ncbi.nlm.nih.gov/pubmed/31663401>).

Certificazione "International Conference on Harmonisation Good Clinical Practice E6 (R2)" [Certificate Number f602adf2-8615-4d4c-907b-b597b073af7a; Version number 1] e Medidata Rave® Certified Principal Investigator [ID#: MDSO1230250031086].

Abilitato alle funzioni di Professore Universitario di II Fascia (Associato) per il Settore Concorsuale 06/H1 (Ginecologia e Ostetricia), dal 10/4/2018 al 10/4/2027.

Culture della Materia per il Settore Scientifico Disciplinare MED/40 (Ostetricia e Ginecologia), presso l'Università dell'Insubria.

Identificato tra i *Top Italian Scientists per Clinical Sciences*, da Maggio 2020.

PUBBLICAZIONE

1. David E, Albani A, **Laganà AS**. Congenital hypopituitarisms: genetics, clinical aspects and instrumental diagnosis. Rivista Italiana di Genetica e Immunologia Pediatrica - Italian Journal of Genetic and Pediatric Immunology. Year III Number 1 - January 2011.

2. David E, Samà L, Bertè G, Albani A, Bucolo M, **Laganà AS**. Mayer- Rokitansky syndrome: genetics, clinical, radiological aspects and therapeutic perspectives. *Rivista Italiana di Genetica e Immunologia Pediatrica - Italian Journal of Genetic and Pediatric Immunology*. Year III Number 1 - January 2011.
3. Sturlese E, Salmeri FM, Retto G, Pizzo A, De Dominicis R, Ardita FV, Borrielli I, Licata N, **Laganà AS**, Sofo V. Dysregulation of the Fas/FasL system in mononuclear cells recovered from peritoneal fluid of women with endometriosis. *J Reprod Immunol*. 2011;92(1-2):74-81.
4. Giacobbe A, Grasso R, Interdonato ML, **Laganà AS**, Valentina G, Triolo O, Mancuso A. An unusual form of mirror syndrome: a case report. *J Matern Fetal Neonatal Med*. 2013;26(3):313-5.
5. Pizzo A, **Laganà AS**, Sturlese E, Retto G, Retto A, De Dominicis R, Puzzolo D. Mayer-Rokitansky-Kuster-Hauser Syndrome: Embryology, Genetics and Clinical and Surgical Treatment. *ISRN Obstet Gynecol*. 2013;2013:628717.
6. Pizzo A, **Laganà AS**, Borrielli I, Dugo N. Complete androgen insensitivity syndrome: a rare case of disorder of sex development. *Case Rep Obstet Gynecol*. 2013;2013:232696.
7. Triolo O, **Laganà AS**, Sturlese E. Chronic Pelvic Pain in Endometriosis: An Overview. *J Clin Med Res*. 2013;5(3):153-63.
8. Butticiè S, **Laganà AS**, Barresi V, Inferrera A, Mucciardi G, Di Benedetto A, D'Amico CE, Magno C. Lumbar Ureteral Stenosis due to Endometriosis: Our Experience and Review of the Literature. *Case Rep Urol*. 2013;2013:812475.
9. **Laganà AS**, Sturlese E, Retto G, Sofo V, Triolo O. Interplay between Misplaced Müllerian-Derived Stem Cells and Peritoneal Immune Dysregulation in the Pathogenesis of Endometriosis. *Obstet Gynecol Int*. 2013;2013:527041. Listed as a featured article on Global Medical Discovery [ISSN 1929-8536].
10. **Laganà AS**, Salmeri FM, Sofo V, Pizzo A, Retto G, Sturlese E, Granese R, Triolo O. Obstacles and Pitfalls of Endometriosis-Related Chronic Pelvic Pain Management: Trying to Alleviate the Burden. *J Pain Relief* 2013(2):123.
11. Pizzo A, **Laganà AS**, Barbaro L. Comparison between effects of myo-inositol and d-chiro-inositol on ovarian function and metabolic factors in women with PCOS. *Gynecol Endocrinol*. 2014;30(3):205-8.
12. **Laganà AS**, Pizzo A. Know your Enemy: The Rationale of Using Inositol in the Treatment of Polycystic Ovary Syndrome. *Endocrinol Metab Syndr* 2013;2:e121.
13. Corrado F, D'Anna R, **Laganà AS**, Di Benedetto A. Abnormal glucose tolerance later in life in women affected by glucose intolerance during pregnancy. *J Obstet Gynaecol*. 2014;34(2):123-6.
14. Santoro G, **Laganà AS**, Sturlese E, Giacobbe V, Retto A, Palmara V. Developmental and Clinical Overview of Lithopaidion. *Gynecol Obstet Invest*. 2014;78(4):213-23.
15. Cartabellotta A, **Laganà AS**, Bartoletti R. Diagnosi e terapia dell'incontinenza urinaria femminile. *Evidence* 2014;6(3):e1000074.
16. Salmeri FM, **Laganà AS**, Sofo V, Triolo O, Sturlese E, Retto G, Pizzo A, D'Ascola A, Campo S. Behavior of Tumor Necrosis Factor- and Tumor Necrosis Factor Receptor 1/Tumor Necrosis Factor Receptor 2 System in Mononuclear Cells Recovered From Peritoneal Fluid of Women With Endometriosis at Different Stages. *Reprod Sci*. 2015;22(2):165-72.

17. **Laganà AS**, Palmara V, Granese R, Ciancimino L, Chiofalo B, Triolo O. Desogestrel versus danazol as preoperative treatment for hysteroscopic surgery: a prospective, randomized evaluation. *Gynecol Endocrinol.* 2014;30(11):794-7.
18. **Laganà AS**, Burgio MA, Ciancimino L, Sicilia A, Pizzo A, Magno C, Buttice S, Triolo O. Evaluation of recovery and quality of sexual activity in women during postpartum in relation to the different mode of delivery: a retrospective analysis. *Minerva Ginecol.* 2015;67(4):315-20.
19. **Laganà AS**, Ciancimino L, Mancuso A, Chiofalo B, Rizzo P, Triolo O. 3D sonohysterography vs hysteroscopy: a cross-sectional study for the evaluation of endometrial diseases. *Arch Gynecol Obstet.* 2014;290(6):1173-8.
20. Ciancimino L, **Laganà AS**, Chiofalo B, Granese R, Grasso R, Triolo O. Would it be too late? A retrospective case-control analysis to evaluate maternal-fetal outcomes in advanced maternal age. *Arch Gynecol Obstet.* 2014;290(6):1109-14.
21. **Laganà AS**, Condemi I, Salmeri FM, Sofo V, Retto G, Sturlese E, Ardizzone A, Granese R, Triolo O. Management dell'endometriosi: sintesi delle linee guida dell'European Society of Human Reproduction and Embryology. *Evidence.* 2014;6(5):e1000079.
22. **Laganà AS**, Gavagni V, Musubao JV, Pizzo A. The prevalence of sexually transmitted infections among migrant female patients in Italy. *Int J Gynaecol Obstet.* 2015;128(2):165-8.
23. Burgio MA, Sicilia A, **Laganà AS**. L'attività sessuale nel post-partum: un'analisi evidence-based. *Maieutikos.* 2014;2:47-9.
24. Giacobbe A, Grasso R, Imbesi G, Salpietro CD, Grasso L, **Laganà AS**, Triolo O, Di Benedetto A. High mobility group protein B1: a new biomarker of obesity in pregnant women? *Gynecol Endocrinol.* 2015;31(2):113-5.
25. **Laganà AS**, Barbaro L, Pizzo A. Evaluation of ovarian function and metabolic factors in women affected by polycystic ovary syndrome after treatment with D-Chiro-Inositol. *Arch Gynecol Obstet.* 2014;291(5):1181-6.
26. **Laganà AS**, Pizzo A. Response to: Comment on "Complete Androgen Insensitivity Syndrome: Optimizing Diagnosis and Management". *Case Rep Obstet Gynecol.* 2014;2014:808270.
27. **Laganà AS**, Sofo V, Salmeri FM, Chiofalo B, Ciancimino L, Triolo O. Post-partum management in a patient affected by thrombotic thrombocytopenic purpura: case report and review of literature. *Clin Exp Obstet Gynecol.* 2015;42(1):90-4.
28. **Laganà AS**, Condemi I, Sofo V, Salmeri FM, Triolo O. Induction of fetal lung maturity with corticosteroids: Which evidence to guide clinical practice. *Acta Medica International* 2015;2(1):177-9.
29. **Laganà AS**, Pizzo A. Authors' reply to: "Empiric" inositol supplementation in normal-weight non-insulin resistant women with polycystic ovarian disease: from the absence of benefit to the potential adverse effects. *Arch Gynecol Obstet.* 2015;291(5):959-60.
30. Colonese F, **Laganà AS**, Colonese E, Sofo V, Salmeri FM, Granese R, Triolo O. The Pleiotropic Effects of Vitamin D in Gynaecological and Obstetric Diseases: An Overview on a Hot Topic. *Biomed Res Int.* 2015;2015:986281.
31. Muscatello MR, Lorusso S, Bruno A, Reale R, Ciura G, **Laganà AS**, Retto G, Sturlese E, Zoccali RA. Anger in women treated with assisted reproductive technology (ART): effects on mother and newborn. *J Matern Fetal Neonatal Med.* 2016;29(5):813-7.

32. Ciancimino L, **Laganà AS**, Imbesi G, Chiofalo B, Mancuso A, Triolo O. Evaluation of Maternal-Fetal Outcomes After Emergency Vaginal Cerclage Performed With Shirodkar-McDonald Combined Modified Technique. *J Clin Med Res.* 2015;7(5):319-23.
33. **Laganà AS**, Burgio MA, Retto G, Pizzo A, Granese R, Sturlese E, Ciancimino L, Chiofalo B, Retto A, Triolo O. Management of the second phase of labour: perineum protection techniques. *Minerva Ginecol.* 2015;67(3):289-296.
34. **Laganà AS**, Terzic M, Dotlic J, Sturlese E, Palmara V, Retto G, Kocijancic D. The role of episiotomy in prevention of genital lacerations during vaginal deliveries – results from two european centers. *Ginekol Pol.* 2015; 86(3): 168-175.
35. Sofo V, Götte M, **Laganà AS**, Salmeri FM, Triolo O, Sturlese E, Retto G, Alfa M, Granese R, Abrão MS. Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease. *Arch Gynecol Obstet.* 2015;292(5):973-86.
36. Cartabellotta A, **Laganà AS**, Matera M, Triolo O. Linee guida per l'assistenza a partorienti sane e neonati e per la scelta del setting del parto. *Evidence* 2015;7(5):e1000113.
37. Burgio MA, **Laganà AS**, Chillè G, Sicilia A, Magno C, Buttice S, Palmara VI, Triolo O. Does epidural analgesia play a role in postpartum urinary incontinence? Medium-term results from a case-control study. *J Matern Fetal Neonatal Med.* 2016;29(11):1773-6.
38. **Laganà AS**, Burgio MA, Retto G, Pizzo A, Sturlese E, Granese R, Chiofalo B, Ciancimino L, Triolo O. Analysis of the Influence Of Lunar Cycle on The Frequency Of Spontaneous Deliveries: A Single-centre Retrospective Study. *Kathmandu Univ Med J.* 2014;12(48):233-7.
39. Dipasquale V, Romeo AC, Morabito R, De Vivo D, David E, Impollonia D, Stroschio G, Granata F, **Laganà AS**. Remission of Pseudotumor Cerebri Syndrome after Initiating Pregnancy and Menarche: The Puzzling Role of Female Sex Hormones. *J Petriatr Neurol.* 2015;13(1):1-4.
40. **Laganà AS**, Condemi I, Retto G, Muscatello MRA, Bruno A, Zoccali RA, Triolo O, Cedro C. Analysis of psychopathological comorbidity behind the common symptoms and signs of endometriosis. *Eur J Obstet Gynecol Reprod Biol.* 2015;194:30-3.
41. **Laganà AS**, Santoro G, Triolo O, Giacobbe V, Certo R, Palmara V. Hashimoto thyroiditis onset after laparoscopic removal of struma ovarii: an overview to unravel a rare and intriguing finding. *Clin Exp Obstet Gynecol.* 2015;42(5):673-8.
42. **Laganà AS**, Colonese F, Colonese E, Sofo V, Salmeri FM, Granese R, Chiofalo B, Ciancimino L, Triolo O. Cytogenetic analysis of epithelial ovarian cancer's stem cells: an overview on new diagnostic and therapeutic perspectives. *Eur J Gynaecol Oncol.* 2015;36(5):495-505.
43. **Laganà AS**, Sofo V, Salmeri FM, Palmara V, Triolo O, Terzi MM, Patrelli TS, Lukanovi A, Vrtnik Bokal E, Santoro G. Oxidative stress during ovarian torsion in pediatric and adolescent patients: changing the perspective of the disease. *Int J Fertil Steril.* 2016;9(4):416-23.
44. Cartabellotta A, **Laganà AS**, D'Amico V, Alterio T, Starace F. Linee guida per la salute mentale della donna in gravidanza e dopo il parto. *Evidence.* 2015;7(8):e1000117.
45. Santamaria A, **Laganà AS**, Barresi V, Triolo O, Fondacaro NS, Corrado F. Prenatally identified Pallister-Killian syndrome: Ultrasound pattern and diagnostic considerations. *J Obstet Gynaecol.* 2016;36(3):406-7.

46. **Laganà AS**, Favilli A, Triolo O, Granese R, Gerli S. Early serum markers of pre-eclampsia: are we stepping forward? *J Matern Fetal Neonatal Med.* 2016;29(18):3019-23.
47. **Laganà AS**, Triolo O, D'Amico V, Cartella SM, Sofo V, Salmeri FM, Vrta nik Bokal E, Spina E. Management of women with epilepsy: from preconception to post-partum. *Arch Gynecol Obstet.* 2016;293(3):493-503.
48. **Laganà AS**, Giacobbe V, Triolo O, Granese R, Ban Frangež H, Vrta nik-Bokal E, Ietto C, Palmara VI. Dienogest as preoperative treatment of submucous myomas for hysteroscopic surgery: a prospective, randomized study. *Gynecol Endocrinol.* 2016;32(5):408-11.
49. **Laganà AS**, Triolo O, Salmeri FM, Granese R, Palmara VI, Ban Frangež H, Vrt nik Bokal E, Sofo V. Natural Killer T cell subsets in eutopic and ectopic endometrium: a fresh look to a busy corner. *Arch Gynecol Obstet.* 2016;293(5):941-9.
50. Vitale SG, **Laganà AS**, Gulino FA, Tropea A, Tarda S. Prosthetic surgery versus native tissue repair of cystocele: literature review. *Updates Surg.* 2016;68(4):325-329.
51. Paul C, **Laganà AS**, Maniglio P, Triolo O, Brady DM. Inositol's and other nutraceuticals' synergistic actions counteract insulin resistance in polycystic ovarian syndrome and metabolic syndrome: state-of-the-art and future perspectives. *Gynecol Endocrinol.* 2016;32(6):431-8.
52. Maniglio P, Ricciardi E, **Laganà AS**, Triolo O, Caserta D. Epigenetic modifications of primordial reproductive tract: A common etiologic pathway for Mayer-Rokitansky-Kuster-Hauser Syndrome and endometriosis? *Med Hypotheses.* 2016;90:4-5.
53. Vitale SG, **Laganà AS**, Rapisarda AMC. Letter to the editor: Comment on "Simultaneous treatment of anterior vaginal wall prolapse and stress urinary incontinence by using transobturator four arms polypropylene mesh". *Investig Clin Urol.* 2016;57(2):150-1.
54. Padula F, **Laganà AS**, Vitale SG, Giorlandino C. Comment on "Customized Fetal Growth Charts for Parents' Characteristics, Race, and Parity by Quantile Regression Analysis: A Cross-sectional Multicenter Italian Study". *J Ultrasound Med.* 2016;35:855-6.
55. Cignini P, **Laganà AS**, Retto A, Vitale SG. Knotting on heaven's door: 3D color Doppler ultrasound imaging of a true cord knot. *Arch Gynecol Obstet.* 2016;293(6):1357-8.
56. Bellia A, Vitale SG, **Laganà AS**, Cannone F, Houvenaeghel G, Rua S, Ladaique A, Jauffret C, Ettore G, Lambaudie E. Feasibility and surgical outcomes of conventional and robot-assisted laparoscopy for early-stage ovarian cancer: a retrospective, multicenter analysis. *Arch Gynecol Obstet.* 2016;294(3):615-22.
57. Padula F, **Laganà AS**, Vitale SG, Mangiafico L, D'Emidio L, Cignini P, Giorlandino M, Gulino FA, Capriglione S, Giorlandino C. Ultrasonographic evaluation of placental cord insertion at different gestational ages in low-risk singleton pregnancies: a predictive algorithm. *Facts Views Vis Obgyn.* 2016;8(1):3-7.
58. Greco M, Butticiè S, **Laganà AS**. Comment on: Hellmund et al. Rupture of renal artery aneurysm during late pregnancy: clinical features and diagnosis. *Arch Gynecol Obstet.* 2016;293:505-8. *Arch Gynecol Obstet.* 2016;294(2):429-30.
59. **Laganà AS**, Sapia F, Butticiè S, Valenti G, Vitale SG. Comment on "efficacy and safety of skeletonized mesh implants for advanced pelvic organ prolapse: 12 month follow up". *World J Urol.* 2016;34(10):1499-500.

60. Aabakke AJ, Kristufkova A, Bune LT, Lemanska A, Jan Ž, **Laganà AS**. European trainees support the new European curriculum in Obstetrics and Gynaecology. *Eur J Obstet Gynecol Reprod Biol.* 2016;203:335-6.
61. Vitale SG, **Laganà AS**, Rapisarda AM, Padula F. Comment on Ultrasonographic Diagnosis of Intrauterine Fetal Decapitation Secondary to Amniotic Band Sequence: A Case Report. *J Emerg Med.* 2016;51(2):191-2.
62. **Laganà AS**, Platania A, Buttice S, Vitale SG. Comment on "Impact of Mode of Delivery on Female Postpartum Sexual Functioning: Spontaneous Vaginal Delivery and Operative Vaginal Delivery vs Cesarean Section". *J Sex Med.* 2016;13(7): 1142-1143.
63. **Laganà AS**, Vitale SG, Nigro A, Sofo V, Salmeri FM, Rossetti P, Rapisarda AM, La Vignera S, Condorelli RA, Rizzo G, Buscema M. Pleiotropic Actions of Peroxisome Proliferator-Activated Receptors (PPARs) in Dysregulated Metabolic Homeostasis, Inflammation and Cancer: Current Evidence and Future Perspectives. *Int J Mol Sci.* 2016;17(7). pii: E999.
64. Vitale SG, **Laganà AS**, Rapisarda AMC, Scarale MG, Corrado F, Cignini P, Buttice S, Rossetti D. Role of urocortin in pregnancy: An update and future perspectives. *World J Clin Cases.* 2016;4(7):165-71.
65. Cartabellotta A, **Laganà AS**. AGREE Reporting Checklist: uno strumento per migliorare il reporting delle linee guida. *Evidence.* 2016;8(7):e1000146.
66. Chiofalo B, **Laganà AS**, Imbesi G, Vitale SG, Catena U, Campolo F, Lanzo G, Centini G, Triolo O. Is oral contraceptive-induced headache dependent on patent foramen ovale? Clinical dynamics, evidence-based hypothesis and possible patient-oriented management. *Med Hypotheses.* 2016;94:86-8.
67. Padula F, **Laganà AS**, Vitale SG, D'Emidio L, Coco C, Giannarelli D, Cariola M, Favilli A, Giorlandino C. The introduction of the absolute risk for the detection of fetal aneuploidies in the first-trimester screening. *J Matern Fetal Neonatal Med.* 2017;30(10):1249-1253.
68. **Laganà AS**, La Rosa V, Petrosino B, Vitale SG. Comment on "Risk of developing major depression and anxiety disorders among women with endometriosis: A longitudinal follow-up study". *J Affect Disord.* 2017;208:672-673.
69. **Laganà AS**, Salmeri FM, Triolo O, Vitale SG, Granese R, Sofo V. Comments on "rhTNFR:Fc Suppresses the Development of Endometriosis in a Mouse Model by Downregulating Cell Proliferation and Invasiveness". *Reprod Sci.* 2018;25(7):983-984.
70. Cartabellotta A, **Laganà AS**, Matera M, Sfregola G, Burgio MA, Triolo O. Linee guida per la gestione del travaglio e del parto pretermine. *Evidence.* 2016;8(5):e1000141.
71. **Laganà AS**, Vitale SG, De Dominicis R, Padula F, Rapisarda AM, Biondi A, Cianci S, Valenti G, Capriglione S, Frangez HB, Sturlese E. Fertility outcome after laparoscopic salpingostomy or salpingectomy for tubal ectopic pregnancy A 12- years retrospective cohort study. *Ann Ital Chir.* 2016;87:461-465.
72. Muscogiuri G, Palomba S, **Laganà AS**, Orio F. Current Insights Into Inositol Isoforms, Mediterranean and Ketogenic Diets for Polycystic Ovary Syndrome: From Bench to Bedside. *Curr Pharm Des.* 2016;22(36):5554-5557.
73. Santoro G, **Laganà AS**, Micali A, Barresi V, Giacobbe V, Palmara V. Historical, morphological and clinical overview of placental site trophoblastic tumors: from bench to bedside. 2017;295(1):173-187.
74. Lembo F, Subba E, **Laganà AS**, Vitale SG, Valenti G, Magno C. Intradiverticular Sarcomatoid Carcinoma of The Bladder: An Overview Starting From A Peculiar Case. *Urol J.* 2016;13(4):2800-2.

75. **Laganà AS**, Rossetti P, Buscema M, La Vignera S, Condorelli RA, Gullo G, Granese R, Triolo O. Metabolism and Ovarian Function in PCOS Women: A Therapeutic Approach with Inositols. *Int J Endocrinol.* 2016;2016:6306410.
76. **Laganà AS**, Vitale SG, Trovato MA, Palmara VI, Rapisarda AM, Granese R, Sturlese E, De Dominicis R, Alecci S, Padula F, Chiofalo B, Grasso R, Cignini P, D'Amico P, Triolo O. Full-Thickness Excision versus Shaving by Laparoscopy for Intestinal Deep Infiltrating Endometriosis: Rationale and Potential Treatment Options. *Biomed Res Int.* 2016;2016:3617179.
77. 11. Vetvicka V, **Laganà AS**, Salmeri FM, Triolo O, Palmara VI, Vitale SG, Sofo V, Králíková M. Regulation of apoptotic pathways during endometriosis: from the molecular basis to the future perspectives. *Arch Gynecol Obstet.* 2016;294(5): 897-904.
78. 1 Vitale SG, Rossetti P, Corrado F, Rapisarda AM, La Vignera S, Condorelli RA, Valenti G, Sapia F, **Laganà AS**, Buscema M. How to Achieve High-Quality Oocytes? The Key Role of Myo-Inositol and Melatonin. *Int J Endocrinol.* 2016;2016:4987436.
79. Di Spiezio Sardo A, Calagna G, **Laganà AS**, Vitale SG, Catena U, Scutiero G, Nappi C. Is hysteroscopy better than ultrasonography for uterine cavity evaluation? An evidence-based and patient-oriented approach. *J Endometr.* 2016;8(3): 87-93.
80. Muscogiuri G, Palomba S, **Laganà AS**, Orio F. Inositols in the Treatment of Insulin-Mediated Diseases. *Int J Endocrinol.* 2016;2016:3058393.
81. Buttice S, Sener TE, Lucan VC, Lunelli L, **Laganà AS**, Vitale SG, Netsch C, Tanidir Y, Pappalardo R, Magno C. Hybrid Transvaginal NOTES Nephrectomy: Post-Operative Sexual Outcomes. a Three Center Matched Study. *Urology.* 2017;99:131-135.
82. **Laganà AS**, Vitale SG, Iaconianni P, Gatti S, Padula F. Male Infertility during Antihypertensive Therapy: Are We Addressing Correctly The Problem? *Int J Fertil Steril.* 2016;10(3):267-9.
83. **Laganà AS**, Sapia F, La Rosa VL, Vitale SG. Comment on "Inositols: from physiology to rational therapy in gynecological clinical practice". *Expert Opin Drug Metab Toxicol.* 2016;12(12):1527.
84. Colonese F, La Rosa VL, **Laganà AS**, Vitale SG, Cortinovis D, Bidoli P. Comment on: "Is there a role for vitamin D in human reproduction?". *Horm Mol Biol Clin Investig.* 2017;29(1):37-38.
85. Cartabellotta A, **Laganà AS**, Corradini Zini M, Triolo O. Linee guida per la diagnosi e il trattamento della menopausa. *Evidence.* 2016;8(8):e1000149.
86. Vitale SG, La Rosa VL, Rapisarda AM, **Laganà AS**. Comment on: "Impact of endometriosis on quality of life and mental health: pelvic pain makes the difference". *J Psychosom Obstet Gynaecol.* 2017;38(1):81-82.
87. Vitale SG, La Rosa VL, Rapisarda AM, **Laganà AS**. Impact of endometriosis on quality of life and psychological wellbeing. *J Psychosom Obstet Gynaecol.* 2017;38(4):317-319.
88. **Laganà AS**, Vitale SG, La Rosa VL, Rapisarda AM. Comment on: "Needs and priorities of women with endometrial and cervical cancer". *J Psychosom Obstet Gynaecol.* 2017;38(1):85-86.
89. Vitale SG, La Rosa VL, Rapisarda AM, **Laganà AS**. Comment on: "Anxiety and depression in patients with advanced ovarian cancer: a prospective study". *J Psychosom Obstet Gynaecol.* 2017;38(1):83-84.

90. Vitale SG, La Rosa VL, Rapisarda AM, **Laganà AS**. Psychology of infertility and assisted reproductive treatment: the Italian situation. *J Psychosom Obstet Gynaecol*. 2017;38(1):15.

91. **Laganà AS**, Vitale SG, Palmara V, Ban Frangež H, Triolo O. Transvaginal specimen removal in minimally invasive surgery: feasibility and possible complications during the incision of the posterior vaginal wall. *World J Urol*. 2017;35(7): 1155–1156.

92. Vitale SG, Petrosino B, La Rosa VL, **Laganà AS**. Comment on "Differences in psychophysical well-being and signs of depression in couples undergoing their first consultation for assisted reproduction technology (ART): an Italian pilot study". *Eur J Obstet Gynecol Reprod Biol*. 2017;211:210-211.

93. La Vignera S, Condorelli RA, Mongioi LM, Vitale SG, Russo GI, **Laganà AS**, Calogero AE. Hormonal treatment with transdermal testosterone in patients with male accessory gland inflammation (MAGI): Effects on sperm parameters. *Andrologia*. 2016. doi: 10.1111/and.12745.

94. **Laganà AS**, LA Rosa VL, Rapisarda AM, Vitale SG. Comment on: "Effect on Sexual Function of Patients and Patients' Spouses After Midurethral Sling Procedure for Stress Urinary Incontinence: A Prospective Single Center Study". *Low Urin Tract Symptoms*. 2017;9(1):62.

95. Giacobbe V, Rossetti D, Vitale SG, Rapisarda AM, Padula F, **Laganà AS**, Palmara VI. Otorrhagia and Nosebleed as first signs of Intravascular Absorption Syndrome During Hysteroscopy: From Bench to Bedside. *Kathmandu Univ Med J (KUMJ)*. 2016;14(53):87-89.

96. **Laganà AS**, Vitale SG, Muscia V, Rossetti P, Buscema M, Triolo O, Rapisarda AM, Giunta L, Palmara V, Granese R, Frangež HB, Romano A. Endometrial preparation with Dienogest before hysteroscopic surgery: a systematic review. *Arch Gynecol Obstet*. 2017;295(3):661-667.

97. Vitale SG, Gasbarro N, **Laganà AS**, Sapia F, Rapisarda AM, Valenti G, Trovato MA, Rossetti D, Chiofalo B, Barrasso G, Tinelli A, Corrado F. Safe introduction of ancillary trocars in gynecological surgery: the "yellow island" anatomical landmark. *Ann Ital Chir*. 2016;87:608-611.

98. Rizzo G, **Laganà AS**, Rapisarda AM, La Ferrera GM, Buscema M, Rossetti P, Nigro A, Muscia V, Valenti G, Sapia F, Sarpietro G, Zigarelli M, Vitale SG. Vitamin B12 among Vegetarians: Status, Assessment and Supplementation. *Nutrients*. 2016;8(12). pii: E767.

99. Sfregola G, **Laganà AS**, Granese R, Sfregola P, Lopinto A, Triolo O. Work load and management in the delivery room: changing the direction of healthcare policy. *J Obstet Gynaecol*. 2017;37(2):185-190.

100. Burgio MA, **Laganà AS**, Sicilia A, Prosperi Porta R, Porpora MG, Ban Frangež H, DI Venti G, Triolo O. Breastfeeding Education: Where Are We Going? A Systematic Review Article. *Iran J Public Health*. 2016;45(8):970-977.

101. Vitale SG, Valenti G, La Rosa VL, **Laganà AS**. Comment on "Laparoscopic Myomectomy of a Symptomatic Uterine Leiomyoma in a 15-Year-Old Adolescent". *J Pediatr Adolesc Gynecol*. 2017;30(3):442-443.

102. Vitale SG, Rosa VL, Rapisarda AM, **Laganà AS**. Comment on: "The consequences of gynaecological cancer in patients and their partners from the sexual and psychological perspective". *Prz Menopauzalny*. 2016;15(3):186-7.

103. Vitale SG, Petrosino B, La Rosa VL, Rapisarda AM, **Laganà AS**. A Systematic Review of the Association Between Psychiatric Disturbances and Endometriosis. *J Obstet Gynaecol Can*. 2016;38(12):1079-80.

104. **Laganà AS**, Sofo V, Vitale SG, Triolo O. Epithelial ovarian cancer inherent resistance: May the pleiotropic

interaction between reduced immunosurveillance and drug-resistant cells play a key role? *Gynecol Oncol Rep.* 2016;18:57-8.

105. Vitale SG, **Laganà AS**, Muscatello MR, La Rosa VL, Currò V, Pandolfo G, Zoccali RA, Bruno A. Psychopharmacotherapy in Pregnancy and Breastfeeding. *Obstet Gynecol Surv.* 2016;71(12):721-33.

106. Butticiè S, **Laganà AS**, Mucciardi G, Marson F, Tefik T, Netsch C, Vitale SG, Sener E, Pappalardo R, Magno C. Different patterns of pelvic ureteral endometriosis. What is the best treatment? Results of a retrospective analysis. *Arch Ital Urol Androl.* 2016;88(4):266-269.

107. **Laganà AS**, Salmeri FM, Vitale SG, Triolo O, Götte M. Stem Cell Trafficking During Endometriosis: May Epigenetics Play a Pivotal Role? *Reprod Sci.* 2018;25(7):978-979.

108. Cignini P, Vitale SG, **Laganà AS**, Biondi A, La Rosa VL, Cutillo G. Preoperative work-up for definition of lymph node risk involvement in early stage endometrial cancer: 5-year follow-up. *Updates Surg.* 2017;69(1):75-82.

109. Giordano D, Loddo S, **Laganà AS**, Coppolino G, Zoccali G, Di Benedetto A, Santamaria A, Buemi M, D'Anna R. Peripheral blood CD34+ cells as a novel and noninvasive early marker of first trimester miscarriage: results from a casecontrol analysis. *J Matern Fetal Neonatal Med.* 2018;31(2):258–260.

110. Vitale SG, **Laganà AS**, Nigro A, La Rosa VL, Rossetti P, Rapisarda AM, La Vignera S, Condorelli RA, Corrado F, Buscema M, D'Anna R. Peroxisome Proliferator-Activated Receptor Modulation during Metabolic Diseases and Cancers: Master and Minions. *PPAR Res.* 2016;2016:6517313.

111. Vitale SG, Rossetti D, Tropea A, Biondi A, **Laganà AS**. Fertility sparing surgery for stage IA type I and G2 endometrial cancer in reproductive-aged patients: evidence-based approach and future perspectives. *Updates Surg.* 2017;69(1):29-34.

112. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. Endometriosis and infertility: the impact on quality of life and mental health. *J Endometr.* 2017;9(2):112-115.

113. **Laganà AS**, Giordano D, Loddo S, Zoccali G, Vitale SG, Santamaria A, Buemi M, D'Anna R. Decreased Endothelial Progenitor Cells (EPCs) and increased Natural Killer (NK) cells in peripheral blood as possible early markers of preeclampsia: a case-control analysis. *Arch Gynecol Obstet.* 2017;295(4):867-872.

114. **Laganà AS**, Rosa VL, Rapisarda AM, Platania A, Vitale SG. Psychological impact of fertility preservation techniques in women with gynaecological cancer. *Ecancermedicalscience.* 2017;11:ed62.

115. **Laganà AS**, Vitale SG, Sapia F, Valenti G, Corrado F, Padula F, Rapisarda AM, D'Anna R. miRNA expression for early diagnosis of preeclampsia onset: hope or hype? *J Matern Fetal Neonatal Med.* 2018;31(6):817-821.

116. Romito I, Gulino FA, **Laganà AS**, Vitale SG, Tuscano A, Leanza G, Musmeci G, Leanza V, Rapisarda AM, Palumbo MA. Renal and Hepatic Functions after A Week of Controlled Ovarian Hyperstimulation during *In Vitro* Fertilization Cycles. *Int J Fertil Steril.* 2017;11(1):15-19.

117. **Laganà AS**, Chiofalo B, Granese R, Palmara V, Triolo O. Effects of titanium dioxide microcrystals with covalently bonded silver ions and Aloe Vera extract (TIAGIN®) on the Vaginal Health Index Score (VHIS) and Female Sexual Function Index (FSFI) in patients with vaginal de-epithelialization: a prospective, single-center cohort analysis. *Int J Gynaecol Obstet.* 2017;29(1, Supplement):7-11.

118. Patnaik SS, **Laganà AS**, Vitale SG, Butticiè S, Noventa M, Gizzo S, Valenti G, Rapisarda AM, La Rosa VL,

Magno C, Triolo O, Dandolu V. Etiology, pathophysiology and biomarkers of interstitial cystitis/painful bladder syndrome. *Arch Gynecol Obstet.* 2017;295(6):1341-1359.

119. Ferranti G, Prosperi Porta R, La Rosa VL, Vitale SG, **Laganà AS**. [Reflections on treatments for infertility and the possible occurrence of ovarian carcinomas.] *Recenti Prog Med.* 2017;108(3):136-140.

120. Cartabellotta A, **Laganà AS**, Leoni M, Quintaliani G, Zampieri P, Potenza A. La diagnosi precoce dei tumori. *Evidence.* 2017;9(3):e1000163.

121. Di Spiezio Sardo A, Vieira MDC, **Laganà AS**, Chiofalo B, Vitale SG, Scala M, De Falco M, Nappi C, Catena U, Bifulco G. Combined Systemic and Hysteroscopic Intra-Amniotic Injection of Methotrexate Associated with Hysteroscopic Resection for Cervical Pregnancy: A Cutting-Edge Approach for an Uncommon Condition. *Eurasian J Med.* 2017;49(1):66-68.

122. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. Sexual Life in Women with Stress Urinary Incontinence. *Oman Med J.* 2017;32(2):174-175.

123. Chiofalo B, **Laganà AS**, Vaiarelli A, La Rosa VL, Rossetti D, Palmara V, Valenti G, Rapisarda AMC, Granese R, Sapia F, Triolo O, Vitale SG. Do miRNAs Play a Role in Fetal Growth Restriction? A Fresh Look to a Busy Corner. *Biomed Res Int.* 2017;2017:6073167.

124. Rossetti D, Vitale SG, Tropea A, Biondi A, **Laganà AS**. New procedures for the identification of sentinel lymph node: shaping the horizon of future management in early stage uterine cervical cancer. *Updates Surg.* 2017;69:383–388.

125. **Laganà AS**. Endometriosi, una patologia invalidante. *Diagnosi & Terapia.* 2017;5:18-21.

126. Vitale SG, **Laganà AS**, Capriglione S, Angioli R, La Rosa VL, Lopez S, Valenti G, Sapia F, Sarpietro G, Buttice S, Tuscano C, Fanale D, Tropea A, Rossetti D. Target Therapies for Uterine Carcinosarcomas: Current Evidence and Future Perspectives. *Int J Mol Sci.* 2017;18(5). pii: E1100. doi: 10.3390/ijms18051100.

127. **Laganà AS**, Vitale SG, Granese R, Palmara V, Ban Frangež H, Vrta nik-Bokal E, Chiofalo B, Triolo O. Clinical dynamics of Dienogest for the treatment of endometriosis: from bench to bedside. *Expert Opin Drug Metab Toxicol.* 2017;13(6):593-596.

128. **Laganà AS**, La Rosa VL, Rapisarda AMC, Valenti G, Sapia F, Chiofalo B, Rossetti D, Ban Frangež H, Vrta nik Bokal E, Vitale SG. Anxiety and depression in patients with endometriosis: impact and management challenges. *Int J Womens Health.* 2017;9:323-330.

129. **Laganà AS**, Vitale SG, Salmeri FM, Triolo O, Ban Frangež H, Vrta nik-Bokal E, Stojanovska L, Apostolopoulos V, Granese R, Sofo V. Unus pro omnibus, omnes pro uno: A novel, evidence-based, unifying theory for the pathogenesis of endometriosis. *Med Hypotheses.* 2017;103:10-20.

130. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. The Importance of a Multidisciplinary Approach or Women with Pelvic Organ Prolapse and Cystocele. *Oman Med J.* 2017;32(3):263-264.

131. **Laganà AS**, La Rosa VL, Rapisarda AMC, Vitale SG. Pelvic organ prolapse: the impact on quality of life and psychological well-being. *J Psychosom Obstet Gynaecol.* 2018;39(2):164-166.

132. Sturlese E, Triolo O, Grasso R, **Laganà AS**, Retto A, Rossetti D, Vitale SG, Sarpietro G, De Dominicis R. Thromboembolism prophylaxis in laparoscopic surgery for gynecologic benign diseases. Results of a single center

experience in 922 procedures. *Ann Ital Chir.* 2017;88:342-347.

133. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. Fertility preservation in women with gynaecologic cancer: the impact on quality of life and psychological well-being. *Hum Fertil (Camb)*. 2018;21(1):35-38.

134. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. Comment on "Disability, Psychiatric Symptoms, and Quality of Life in Infertile Women: A Cross-Sectional Study In Turkey". *Shanghai Arch Psychiatry*. 2016;28(6):353-354.

135. Vitale SG, La Rosa VL, Rossetti D, Rapisarda AMC, **Laganà AS**. Sexual function and psychological well-being after uterine artery embolization. *It J Gynaecol Obstet*. 2017;29(2):7-9.

136. Condorelli RA, La Vignera S, Mongioi LM, Vitale SG, **Laganà AS**, Cimino L, Calogero AE. Myo-inositol as a male fertility molecule: speed them up! *Eur Rev Med Pharmacol Sci*. 2017;21(2 Suppl):30-35.

137. D'Eufemia MD, Cianci S, Di Meglio F, Di Meglio L, Di Meglio L, Vitale SG, **Laganà AS**, Chiofalo B, Rapisarda AMC, Padula F, La Rosa V, Coco C, Vascone C. Congenital high airway obstruction syndrome (CHAOS): discussing the role and limits of prenatal diagnosis starting from a single-center case series. *J Prenat Med*. 2016;10(1-2):4-7.

138. Cosentino F, Turco LC, Cianci S, Fanfani F, Fagotti A, Alletti SG, Vizzielli G, Vitale SG, **Laganà AS**, Padula F, Coco C, Pisconti S, Scambia G. Management, prognosis and reproductive outcomes of borderline ovarian tumor relapse during pregnancy: from diagnosis to potential treatment options. *J Prenat Med*. 2016;10(1-2):8-14.

139. Chiofalo B, **Laganà AS**, Palmara V, Granese R, Corrado G, Mancini E, Vitale SG, Ban Frangež H, Vrta nik-Bokal E, Triolo O. Fasting as possible complementary approach for polycystic ovary syndrome: Hope or hype? *Med Hypotheses*. 2017;105:1-3.

140. Bruno A, **Laganà AS**, Leonardi V, Greco D, Merlino M, Vitale SG, Triolo O, Zoccali RA, Muscatello MRA. Inside-out: the role of anger experience and expression in the development of postpartum mood disorders. *J Matern Fetal Neonatal Med*. 2018;31(22):3033-3038.

141. **Laganà AS**, Rossetti P, Sapia F, Chiofalo B, Buscema M, Valenti G, Chiara Rapisarda AM, Vitale SG. Evidence-Based and Patient-Oriented Inositol Treatment in Polycystic Ovary Syndrome: Changing the Perspective of the Disease. *Int J Endocrinol Metab*. 2017;15(1):e43695.

142. Chiofalo B, Palmara V, **Laganà AS**, Triolo O, Vitale SG, Conway F, Santoro G. Fertility Sparing Strategies in Patients Affected by Placental Site Trophoblastic Tumor. *Curr Treat Options Oncol*. 2017;18(10):58.

143. Palmara VI, **Laganà AS**, Chiofalo B, Giacobbe V. Importance of Office Hysteroscopy. *Journal of Biomedical Science and Applications*. 2017;1(1):1.

144. **Laganà AS**, Rosa VL, Fanale D, Vitale SG. Comment on: Survey of cervical cancer survivors regarding quality of life and sexual function. *J Cancer Res Ther*. 2017;13(3):598-599.

145. Vitale SG, La Rosa VL, Rapisarda AMC, **Laganà AS**. The Importance of Fertility Preservation Counseling in Patients with Gynecologic Cancer. *J Reprod Infertil*. 2017;18(2):261-263.

146. **Laganà AS**, Vergara D, Favilli A, La Rosa VL, Tinelli A, Gerli S, Noventa M, Vitagliano A, Triolo O, Rapisarda AMC, Vitale SG. Epigenetic and genetic landscape of uterine leiomyomas: a current view over a common gynecological disease. *Arch Gynecol Obstet*. 2017;296(5):855-867.

147. Valenti G, Vitale SG, Tropea A, Biondi A, **Laganà AS**. Tumor markers of uterine cervical cancer: a new scenario to guide surgical practice? *Updates Surg.* 2017;69:441–449.
148. Vitale SG, Sapia F, Rapisarda AMC, Valenti G, Santangelo F, Rossetti D, Chiofalo B, Sarpietro G, La Rosa VL, Triolo O, Noventa M, Gizzo S, **Laganà AS**. Hysteroscopic Morcellation of Submucous Myomas: A Systematic Review. *Biomed Res Int.* 2017;2017:6848250.
149. Vitale SG, La Rosa VL, Vitagliano A, Noventa M, Laganà FM, Ardizzone A, Rapisarda AMC, Terzic MM, Terzic S, **Laganà AS**. Sexual function and quality of life in patients affected by deep infiltrating endometriosis: current evidence and future perspectives. *J Endometr Pelvic Pain Disord.* 2017;9(4):270-274.
150. **Laganà AS**, La Rosa VL, Rapisarda AM, Vitale SG. Reflections about the Impact of Infertility on Female Sexual Function. *Kathmandu Univ Med J.* 2016;14(56):299-300.
151. Vitale SG, La Rosa VL, Petrosino B, Rodolico A, Mineo L, **Laganà AS**. The Impact of Lifestyle, Diet, and Psychological Stress on Female Fertility. *Oman Med J.* 2017;32(5):443-444.
152. **Laganà AS**, Vitale SG, Ban Frangež H, Vrta nik-Bokal E, D'Anna R. Vitamin D in human reproduction: the more, the better? An evidence-based critical appraisal. *Eur Rev Med Pharmacol Sci.* 2017;21(18):4243-4251.
153. Cignini P, Gulino FA, Vitale SG, **Laganà AS**, Valenti G, Rapisarda AMC, Scarale MG, La Rosa VL, Giorlandino C. The Genetic Sonogram Today: What is the Role of “Soft Markers” in the Prediction of Down Syndrome? *Conn Med.* 2017;81(9): 537-541.
154. Maniglio P, Ricciardi E, Meli F, Vitale SG, Noventa M, Vitagliano A, Valenti G, La Rosa VL, **Laganà AS**, Caserta D. Catamenial pneumothorax caused by thoracic endometriosis. *Radiol Case Rep.* 2018;13:81-85.
155. Motta T, **Laganà AS**, Valenti G, LA Rosa VL, Noventa M, Vitagliano A, Chiofalo B, Rapisarda AM, Rossetti D, Vitale SG. [Differential diagnosis and management of abnormal uterine bleeding in adolescence]. *Minerva Ginecol.* 2017;69(6): 618-630.
156. Vitagliano A, Saccardi C, Noventa M, Sardo ADS, **Laganà AS**, Litta PS. Does endometrial scratching really improve intrauterine insemination outcome? Injury timing can make a huge difference. *J Gynecol Obstet Hum Reprod.* 2018;47(1):33-34.
157. 91. Vitagliano A, Noventa M, Saccone G, Gizzo S, Vitale SG, **Laganà AS**, Litta PS, Saccardi C, Nardelli GB, Di Spiezio Sardo A. Endometrial scratch injury before intrauterine insemination: is it time to re-evaluate its value? Evidence from a systematic review and meta-analysis of randomized controlled trials. *Fertil Steril.* 2017 Nov 23. pii: S0015-0282(17)31954-4. doi: 10.1016/j.fertnstert.2017.09.021.
158. Vadalà C, Cernaro V, Siligato R, Granese R, **Laganà AS**, Buemi M, Santoro D. [Long-term outcome of renal function in women with preeclampsia and preeclampsia]. *G Ital Nefrol.* 2017;34(Nov-Dec). pii: 2017-vol6.
159. Vitagliano A, Noventa M, Di Spiezio Sardo A, Saccone G, Gizzo S, Borgato S, Vitale SG, **Laganà AS**, Nardelli GB, Litta PS, Saccardi C. Uterine fibroid size modifications during pregnancy and puerperium: evidence from the first systematic review of literature. *Arch Gynecol Obstet.* 2018;297(4):823-835.
160. Cartabellotta A, **Laganà AS**, Ghezzi F. Linee guida per la diagnosi e il trattamento dell'endometriosi. Evidence. 2017;9(9):e1000172.
161. Šalamun V, Verdenik I, **Laganà AS**, Vrta nik-Bokal E. Should we consider integrated approach for

endometriosis associated infertility as gold standard management? Rationale and results from a large cohort analysis. *Arch Gynecol Obstet.* 2018;297(3):613-621.

162. **Laganà AS**, Vitale SG, Stojanovska L, Lambrinouadaki I, Apostolopoulos V, Chiofalo A, Rizzo L, Basile F. Preliminary results of a single-arm pilot study to assess the safety and efficacy of visnadine, prenylflavonoids and bovine colostrum in postmenopausal sexually active women affected by vulvovaginal atrophy. *Maturitas* 2018;109:78–80.

163. Carugno J, Andrade F, **Laganà AS**. Laparoscopic Enhanced Imaging Modalities for the Identification of Endometriosis Implants: a Review of the Current Status. *MOJ Women's Health.* 2018;7(1):00160.

164. **Laganà AS**, Alonso Pacheco L, Tinelli A, Haimovich S, Carugno J, Ghezzi F; Global Congress on Hysteroscopy Scientific Committee. Optimal Timing and Recommended Route of Delivery after Hysteroscopic Management of Isthmocele? A Consensus Statement From the Global Congress on Hysteroscopy Scientific Committee. *J Minim Invasive Gynecol.* 2018. pii: S1553-4650(18)30057-8. doi: 10.1016/j.jmig.2018.01.018.

165. Butticiè S, **Laganà AS**, Vitale SG, Netsch C, Tanidir Y, Cantiello F, Dragos L, Talso M, Emiliani E, Pappalardo R, Sener TE. Ureterscopy in pregnant women with complicated colic pain: Is there any risk of premature labor? *Arch Ital Urol Androl.* 2017;89(4):287-292.

166. Cozzolino M, Vitagliano A, Di Giovanni MV, **Laganà AS**, Vitale SG, Blaganje M, Drusany Stari K, Borut K, Patrelli TS, Noventa M. Ultrasound-guided embryo transfer: summary of the evidence and new perspectives: systematic review and meta-analysis. *Reprod Biomed Online.* 2018;36(5):524-542.

167. **Laganà AS**, Chiofalo B, Gullo G, Corica S. Effects of riboflavin and cobalamin levels on maternal metabolic homeostasis: a possible strategy to prevent gestational diabetes mellitus? *IJMDAT.* 2018;1(1):e120.

168. Vitale SG, **Laganà AS**, D'Anna R. Does Vitamin D supplementation always play a beneficial role in human reproduction? Steps towards an evidence-based management. *IJMDAT.* 2018;1(1):e114.

169. Vitale SG, **Laganà AS**, Noventa M, Giampaolino P, Zizolfi B, Butticiè S, La Rosa VL, Gullo G, Rossetti D. Transvaginal Bilateral Sacrospinous Fixation after Second Recurrence of Vaginal Vault Prolapse: Efficacy and Impact on Quality of Life and Sexuality. *Biomed Res Int.* 2018;2018:5727165.

170. **Laganà AS**, Pacheco LA, Tinelli A, Haimovich S, Carugno J, Ghezzi F. Authors' Reply. *J Minim Invasive Gynecol.* 2018;25(6):1112-1113.

171. **Laganà AS**, Cromi A, Tozzi R, Franchi M, Lukanovi D, Ghezzi F. Uterine Scar Healing After Cesarean Section: Managing an Old Surgery in an Evidence-Based Environment. *J Invest Surg.* 2019;32(8):770–772.

172. **Laganà AS**, Costabile L, Filati P, Noventa M, Vitagliano A, D'Anna R. Effects of micronised dispersible ferric pyrophosphate combined with alpha-lactalbumin in pregnant women affected by iron deficiency anemia: results from a prospective, double-blind, randomized controlled trial. *Eur Rev Med Pharmacol Sci.* 2018;22(11):3602-3608.

173. Favilli A, **Laganà AS**, Indraccolo U, Righi A, Triolo O, Apolito M, Gerli S. What women want? Results from a prospective multicenter study on women's preference about pain management during labour. *Eur J Obstet Gynecol Reprod Biol.* 2018;228:197-202.

174. **Laganà AS**, Pacheco LA, Tinelli A, Haimovich S, Carugno J, Ghezzi F, Mazzon I, Bettocchi S. Management of Asymptomatic Submucous Myomas in Women of Reproductive Age. A Consensus Statement from the Global Congress on Hysteroscopy Scientific Committee. *J Minim Invasive Gynecol.* 2019;26(3):381-283.

175. Vitale SG, La Rosa VL, Rapisarda AM, Noventa M, Vitagliano A, **Laganà AS**. The importance of a multidisciplinary approach in the treatment of uterine fibroids. *Gazzetta Medica Italiana Archivio per le Scienze Mediche*. 2018;177(5):251-2.
176. Sansone A, De Rosa N, Giampaolino P, Guida M, **Laganà AS**, Di Carlo C. Effects of etonogestrel implant on quality of life, sexual function, and pelvic pain in women suffering from endometriosis: results from a multicenter, prospective, observational study. *Arch Gynecol Obstet*. 2018;298(4):731-736.
177. **Laganà AS**, Vitagliano A, Noventa M, Ambrosini G, D'Anna R. Myo-inositol supplementation reduces the amount of gonadotropins and length of ovarian stimulation in women undergoing IVF: a systematic review and meta-analysis of randomized controlled trials. *Arch Gynecol Obstet*. 2018;298(4):675-684.
178. **Laganà AS**, La Rosa VL, Palumbo MA, Rapisarda AMC, Noventa M, Vitagliano A, Gullo G, Vitale SG. The impact of stress urinary incontinence on sexual function and quality of life. *Gazzetta Medica Italiana - Archivio per le Scienze Mediche*. 2018;177(9):415-6.
179. Di Paola R, Garzon S, Giuliani S, **Laganà AS**, Noventa M, Parissone F, Zorzi C, Raffaelli R, Ghezzi F, Franchi M, Zaffagnini S. Are we choosing the correct FSH starting dose during controlled ovarian stimulation for intrauterine insemination cycles? Potential application of a nomogram based on woman's age and markers of ovarian reserve. *Arch Gynecol Obstet*. 2018 Sep 21. doi: 10.1007/s00404-018-4906-2.
180. **Laganà AS**, Garzon S, Casarin J, Franchi M, Ghezzi F. Inositol in Polycystic Ovary Syndrome: Restoring Fertility through a Pathophysiology-Based Approach. *Trends Endocrinol Metab*. 2018 Sep 27. pii: S1043-2760(18)30162-0. doi: 10.1016/j.tem.2018.09.001.
181. Sartori E, Ghezzi F, Cromi A, Miscioscia R, **Laganà AS**, Garzon S, Raffaelli R, Candiani M, Casarin J, Ciavattini A, Di Paola R, Greco P, Guaschino S, Marchesoni D, Milani R, Rizzo N, Venturini PL, Zullo F, Valente E, Vizza E, Scambia G, Franchi M. Learning climate and quality of postgraduate training in gynecology and obstetrics should be assessed in Italian training courses. *Int J Gynaecol Obstet*. 2018;30(3):45-52.
182. Sartori E, Franchi M, Capelli G, Cicinelli E, Colacurci N, De Vincenzo R, Landoni F, Maggino T, Masturzo B, Parazzini F, Scarfone G, Peccatori F, Romagnolo S, Scibilia G, Scollo P, Zola P, Garzon S, Raffaelli R, Busato E, Cetin I, Giovannini M, Zanni GC, Greggi S, Marconi AM, Rizzo R, Ruspa G, Meroni MG, Volpi EO, Simoncini T, Gadducci A, Ghezzi F, **Laganà AS**, Melis GB, Paoletti AM, Strobelt N, Spinillo A, Severi FM, Frusca T, Greco P, Nappi L, Ricci G, Vizza E, Papaccio M, Ratti M, Scambia G. Cancer in pregnancy: proposal of an Italian multicenter study. Gynecologic Oncology Group of the Italian Society of Gynecology and Obstetrics (SIGO). *Int J Gynaecol Obstet*. 2018;30(3):37-44.
183. Scambia G, Raffaelli R, Baggio S, Garzon S, **Laganà AS**, Sartori E, Vanzo F, Vizza E, Angioli E, Benedetto C, Cagnacci A, Candiani M, Carta G, Caserta D, Cherchi PL, Ciavattini A, Cicinelli E, Cobellis L, Cosmi E, D'Anna R, De Leo V, Di Paola R, Di Pinto A, Ercoli A, Facchinetti F, Ferrazzi E, Frusca T, Ghezzi F, Greco P, Liberati M, Loverro G, Nappi L, Palumbo M, Neri M, Perino A, Clemenza S, Piccione E, Peterlunger I, Rizzo N, Negri B, Simoncini T, Spinillo A, Venturini PL, Vergani P, Zullo F, Chiantera A, Colacurci N, Viora E, Franchi M. Needlestick injuries among obstetricians and gynecology trainees: a study design to investigate an underestimated priority. *Int J Gynaecol Obstet*. 2018;30(3):27-36.
184. Barra F, **Laganà AS**, Ghezzi F, Casarin J, Ferrero S. Nintedanib for Advanced Epithelial Ovarian Cancer: A Change of Perspective? Summary of Evidence from a Systematic Review. *Gynecol Obstet Invest*. 2018 Oct 10:1-11. doi: 10.1159/000493361.
185. Terzic N, Dotlic J, Vasiljevic M, Andrijasevic S, Norton M, Terzic S, **Laganà AS**, Vereczkey A, Arsenovic N. Endometrial polyps in infertility patients: the first study of their clinical characteristics. *Clin Exp Obstet Gynecol*. 2018;45(5):692-698.
186. Terzic M, Likic Ladjevic I, Ladjevic N, Terzic S, Dotlic J, Arsenovic N, **Laganà AS**, Vereczkey A. The longest period to recurrence of granulosa cell ovarian tumor: 41 years after initial diagnosis. *Clin Exp Obstet Gynecol*.

2018;39(5):800-802.

187. Raffaelli R, Garzon S, Baggio S, Genna M, Pomini P, **Laganà AS**, Ghezzi F, Franchi M. Mesenteric vascular and nerve sparing surgery in laparoscopic segmental intestinal resection for deep infiltrating endometriosis. *Eur J Obstet Gynecol Reprod Biol.* 2018;231:214-219.
188. Garzon S, **Laganà AS**, Pomini P, Raffaelli R, Ghezzi F, Franchi M. Laparoscopic reversible occlusion of uterine arteries and cornuostomy for advanced interstitial pregnancy. *Minim Invasive Ther Allied Technol.* 2019;28(6):359-362.
189. **Laganà AS**, Vitale SG, Noventa M, Vitagliano A. Current Management of Polycystic Ovary Syndrome: From Bench to Bedside. *Int J Endocrinol.* 2018;2018:7234543.
190. Vitale SG, Capriglione S, Zito G, Lopez S, Gulino FA, Di Guardo F, Vitagliano A, Noventa M, La Rosa VL, Sapia F, Valenti G, Rapisarda AMC, Peterlunger I, Rossetti D, **Laganà AS**. Management of endometrial, ovarian and cervical cancer in the elderly: current approach to a challenging condition. *Arch Gynecol Obstet.* 2018 Dec 12. doi: 10.1007/s00404-018-5006-z.
191. **Laganà AS**, Garzon S, Franchi M, Casarin J, Gullo G, Ghezzi F. Translational animal models for endometriosis research: a long and windy road. *Ann Transl Med.* 2018;6(22):431.
192. Burnik Papler T, Vrta nik Bokal E, Prosenec Zmrzljak U, Stimpfel M, **Laganà AS**, Ghezzi F, Jan ar N. PGR and PTX3 gene expression in cumulus cells from obese and normal weighting women after administration of long-acting recombinant follicle-stimulating hormone for controlled ovarian stimulation. *Arch Gynecol Obstet.* 2019 Jan 4. doi: 10.1007/s00404-018-5031-y.
193. Terzic M, Likic Ladjevic I, Ladjevic N, Terzic S, Dotlic J, Cekerevac M, Arsenovic N, **Laganà AS**, Vereczkey A. Anaplastic T-cell lymphoma of the urinary bladder with unspecific clinical and radiological characteristics – a unique case report. *Eur J Gynecol Oncol.* 2019;40(1):136-139.
194. Terzic M, Terzic S, Dotlic J, Dokic M, Mitrovic M, Bapayeva G, Arsenovic N, **Lagana AS**, Norton M. Ovarian clear cell carcinoma associated with endometriosis: a case report and literature review. *Eur J Gynecol Oncol.* 2019;40(1):166-169.
195. Baggio S, **Laganà AS**, Garzon S, Scollo M, Raffaelli R, Tateo S, Ghezzi F, Franchi M. Efficacy of a collagen-fibrin sealant patch (TachoSil®) as adjuvant treatment in the inguinofemoral lymphadenectomy for vulvar cancer: a double-blind randomized-controlled trial. *Arch Gynecol Obstet.* 2019;299:1467–1474.
196. Franchi M, Raffaelli R, Baggio S, Scollo M, Garzon S, **Laganà AS**, Casarin J, Zanconato G, Cromi A, Ghezzi F. Unintentional transvesical caesarean section: incidence, risk factors, surgical technique and post-operative management. *Eur J Obstet Gynecol Reprod Biol.* 2019;236:26-31.
197. Di Guardo F, Shah M, Cerana MC, Biondi A, Karaman E, Török P, Yela DA, Giampaolino P, Marín-Buck A, **Laganà AS**. Management of women affected by endometriosis: Are we stepping forward? *J Endometr.* 2019. doi: 10.1177/2284026519841520. [Epub ahead of print]
198. Barra F, **Laganà AS**, Casarin J, Ghezzi F, Ferro Desideri L, Scala C, Ferrero S. Molecular Targets for Endometriosis Therapy: Where We Are and Where We Are Going? *Int J Fertil Steril.* 2019;13(2):89-92.
199. **Laganà AS**, Garzon S. La fitoterapia nell'endometriosi. *Phytogynecologia.* 2019;2(1):5-8. 200.
200. Alonso L, **Laganà AS**, Palin H, Carugno J. Calcium Deposit on Essure® Implants. A rare finding of unknown

clinical impact. *J Minim Invasive Gynecol.* 2019 Apr 30. pii: S1553-4650(19)30210-9. doi: 10.1016/j.jmig. 2019.04.022. [Epub ahead of print]

201. 201. Alonso Pacheco L, **Laganà AS**, Ghezzi F, Haimovich S, Azumendi Gómez P, Carugno J. Subtypes of Tshaped uterus. *Fertil Steril.* 2019 May 24. pii: S0015-0282(19)30395-4. doi: 10.1016/j.fertnstert.2019.04.020.

202. Franchi M, Garzon S, Zorzato PC, **Laganà AS**, Casarin J, Locantore L, Raffaelli R, Ghezzi F. PET-CT scan in the preoperative workup of early stage intermediate- and high-risk endometrial cancer. *Minim Invasive Ther Allied Technol.* 2020;29(4):232–239.

203. Barakat RMB, Garzon S, **Laganà AS**, Franchi M, Ghezzi F. Fetus-in-fetu: a rare condition that requires common rules for its definition. *Arch Gynecol Obstet.* 2019 Jun 7. doi: 10.1007/s00404-019-05211-y

204. **Laganà AS**, Aragona C. Effects of oral supplementation with Inositols in women with polycystic ovary syndrome undergoing in vitro fertilization: a long and windy road. *Organisms.* 2019;3(1):11-13.

205. Casarin J, **Laganà AS**, Uccella S, Cromi A, Pinelli C, Gisone B, Borghi C, Cominotti S, Garzon S, Morotti M, Tozzi R, Ghezzi F. Surgical treatment of large adnexal masses: a retrospective analysis of 330 consecutive cases. *Minim Invasive Ther Allied Technol.* 2019 Aug 2:1-9. doi: 10.1080/13645706.2019.1649700.

206. Garzon S, **Laganà AS**, Monastra G. Risk of reduced intestinal absorption of myo-inositol caused by Dchiro-inositol or by glucose transporter inhibitors. *Expert Opin Drug Metab Toxicol.* 2019 Aug 8:1-7. doi: 10.1080/17425255.2019.1651839.

207. Franchi M, Uccella S, Zorzato PC, Dalle Carbonare A, Garzon S, **Laganà AS**, Casarin J, Ghezzi F. Vaginal flap for urethral neomeatus reconstruction after radical surgery for vulvar cancer: a retrospective cohort analysis. *Int J Gynecol Cancer.* 2019 Jul 17. pii: ijgc-2019-000420. doi: 10.1136/ijgc-2019-000420.

208. Sartori E, Ghezzi F, Cromi A, **Laganà AS**, Garzon S, Raffaelli R, Scambia G, Franchi M; Italian Society of Gynecology and Obstetrics (SIGO), Candiani M, Casarin J, Ciavattini A, Di Paola R, Greco P, Guaschino S, Marchesoni D, Milani R, Rizzo N, Venturini PL, Valente E, Vizza E, Zanconato G, Zullo F. Learning climate and quality of Italian training courses in gynecology and obstetrics. *Eur J Obstet Gynecol Reprod Biol.* 2019 Jul 23;241:13-18. doi: 10.1016/j.ejogrb.2019.07.028. [Epub ahead of print]

209. Chiofalo B, Mazzon I, Di Angelo Antonio S, Amadore D, Vizza E, **Laganà AS**, Vocaturo G, Calagna G, Favilli A, Palmara V, Maranto M, Vitale SG, Cucinella G, Granese R, Ghezzi F, Sperduti I, Triolo O. Hysteroscopic Evaluation of Endometrial Changes in Breast Cancer Women with or without Hormone Therapies: Results from a Large Multicenter Cohort Study. *J Minim Invasive Gynecol.* 2020;27(4): 832-839.

210. Laganà AS, Garzon S, Casarin J, Franchi M, Ghezzi F. Acupoint Massage to Manage Postoperative Ileus in Gynecologic Laparoscopy: A New Potential Player in the Enhanced Recovery After Surgery (ERAS) Pathways? *J Invest Surg.* 2019 Mar 26:1-3. doi: 10.1080/08941939.2019.1588435.

211. Alonso Pacheco L, **Laganà AS**, Garzon S, Pérez Garrido A, Flores Gornés A, Ghezzi F. Hysteroscopic outpatient metroplasty for T-shaped uterus in women with reproductive failure: Results from a large prospective cohort study. *Eur J Obstet Gynecol Reprod Biol.* 2019 Sep 21. pii: S0301-2115(19)30418-X. doi: 10.1016/j.ejogrb. 2019.09.023.

212. 212. Guerri G, Maniscalchi T, Barati S, Gerli S, Di Renzo GC, Della Morte C, Marceddu G, Casadei A, **Laganà AS**, Sturla D, Ghezzi F, Garzon S, Unfer V, Bertelli M. Non-syndromic monogenic female infertility. *Acta Biomed.* 2019 Sep 30;90(10-S):68-74.

213. de Assis Rodrigues NP, **Laganà AS**, Zaia V, Vitagliano A, Barbosa CP, de Oliveira R, Trevisan CM, Montagna E. The role of Kisspeptin levels in polycystic ovary syndrome: a systematic review and meta-analysis. *Arch Gynecol Obstet*. 2019;300(5):1423–1434.
214. Semeni D, Abersek N, Zore A, **Laganà AS**, Lukanovi D. The challenge of complex wound healing caused by necrotizing fasciitis after infection of tension-free vaginal transobturator tape (TVT-O) incontinence material. *Clin Exp Obstet Gynecol*. 2019;46(5):844-847. Doi: 10.12891/ceog4943.2019
215. Casarin J, Bogani G, Serati M, Pinelli C, **Laganà AS**, Garzon S, Raspagliesi F, Ghezzi F. Presence of Glandular Cells at the Preoperative Cervical Cytology and Local Recurrence in Endometrial Cancer. *Int J Gynecol Pathol*. 2019 Oct 23. doi: 10.1097/PGP.0000000000000642.
216. **Laganà AS**, Salmeri FM, Ban Frangež H, Ghezzi F, Vrta nik-Bokal E, Granese R. Evaluation of M1 and M2 macrophages in ovarian endometriomas from women affected by endometriosis at different stages of the disease. *Gynecol Endocrinol*. 2020;36(5):441–444.
217. Serati M, **Laganà AS**, Casarin J, Gisone B, Cantaluppi S, Ghezzi F. Laparoscopic duplication of the uterosacral ligaments following hysterectomy for stage III-IV apical pelvic organ prolapse. *Updates Surg*. 2020;72:199–204.
218. Puente E, Alonso L, **Laganà AS**, Ghezzi F, Casarin J, Carugno J. Chronic Endometritis: Old Problem, Novel Insights and Future Challenges. *Int J Fertil Steril*. 2020;13(4):250-256.
219. **Laganà AS**, Garzon S, Götte M, Viganò P, Franchi M, Ghezzi F, Martin DC. The Pathogenesis of Endometriosis: Molecular and Cell Biology Insights. *Int J Mol Sci*. 2019 Nov 10;20(22):E5615. doi: 10.3390/ijms20225615.
220. Králíková M, **Laganà AS**, Ghezzi F, Vetvicka V. Endometriosis and risk of ovarian cancer: what do we know? *Arch Gynecol Obstet*. 2019 Nov 19;10.1007/s00404-019-05358-8. doi: 10.1007/s00404-019-05358-8.
221. Terzic M, Aimagambetova G, Garzon S, Bapayeva G, Ukybassova T, Terzic S, Norton M, **Laganà AS**. Ovulation induction in infertile women with endometriotic ovarian cysts: current evidence and potential pitfalls. *Minerva Med*. 2020;111(1): 50-61.
222. Brasil DL, Montagna E, Trevisan CM, La Rosa VL, **Laganà AS**, Barbosa CP, Bianco B, Zaia V. Psychological stress levels in women with endometriosis: systematic review and meta-analysis of observational studies. *Minerva Med*. 2020;111(1):90-102.
223. **Laganà AS**, La Rosa VL. Multidisciplinary management of endometriosis: current strategies and future challenges. *Minerva Med*. 2020;111(1):18-20.
224. **Laganà AS**, Garzon S, Raffaelli R, Gullo G, Franchi M. Robotic Surgery in Female-To-Male Transition: A Possible Way for Further Improvement. *J Invest Surg*. 2021;34(6):651–652.
225. **Laganà AS**, Garzon S, Raffaelli R, Ban Frangež H, Lukanovi D, Franchi M. Vaginal Stenosis After Cervical Cancer Treatments: Challenges for Reconstructive Surgery. *J Invest Surg*. 2021;34(7):754–755.
226. Franchi M, Parissone F, Lazzari C, Garzon S, **Laganà AS**, Raffaelli R, Cromi A, Ghezzi F. Selective use of episiotomy: what is the impact on perineal trauma? Results from a retrospective cohort study. *Arch Gynecol Obstet*. 2019. doi: 10.1007/s00404-019-05404-5.
227. **Laganà AS**, Unfer V. D-Chiro-Inositol's action as aromatase inhibitor: rationale and potential clinical targets. *Eur*

228. Noventa M, Scioscia M, Schincariol M, Cavallin F, Pontrelli G, Virgilio B, Vitale SG, **Laganà AS**, Dessole F, Cosmi E, D'Antona D, Andrisani A, Saccardi C, Vitagliano A, Ambrosini G. Imaging Modalities for Diagnosis of Deep Pelvic Endometriosis: Comparison between Trans-Vaginal Sonography, Rectal Endoscopy Sonography and Magnetic Resonance Imaging. A Head-to-Head Meta-Analysis. *Diagnostics (Basel)*. 2019;9(4):E225.
229. Ciebiera M, Vitale SG, Ferrero S, Vilos GA, Barra F, Caruso S, **Laganà AS**, Sierant A, Cianci A, Jakiel G. VILAPRISAN, A NEW SELECTIVE PROGESTERONE RECEPTOR MODULATOR IN UTERINE FIBROID PHARMACOTHERAPY – WILL IT REALLY BE A BREAKTHROUGH? *Curr Pharm Des*. 2020;26:300-309.
230. Rizzo G, **Laganà AS**. The Link between Homocysteine and Omega-3 Polyunsaturated Fatty Acid: Critical Appraisal and Future Directions. *Biomolecules*. 2020;10(2):E219. doi: 10.3390/biom10020219.
231. Riemma G, **Laganà AS**, Schiattarella A, Garzon S, Cobellis L, Autiero R, Licciardi F, Della Corte L, La Verde M, De Franciscis P. Ion Channels in The Pathogenesis of Endometriosis: A Cutting-Edge Point of View. *Int J Mol Sci*. 2020;21(3):E1114. doi: 10.3390/ijms21031114.
232. **Laganà AS**, Garzon S, Casarin J, Raffaelli R, Cromi A, Franchi M, Ghezzi F. Know Your Enemy: Potential Role of Cabergoline to Target Neovascularization in Endometriosis. *J Invest Surg*. 2021;34(8):902–903.
233. Simonetto C, Garzon S, **Laganà AS**, Casarin J, Raffaelli R, Cromi A, Uccella S, Ghezzi F, Franchi M. Non-obstetric surgery during pregnancy: current perspectives and future directions. *It J Gynaecol Obstet*. 2019;31(3):57-68.
234. Facchinetti F, Appetecchia M, Aragona C, Bevilacqua A, Bezerra Espinola MS, Bizzarri M, D'Anna R, Dewailly D, Diamanti-Kandaraki E, Hernández Marín I, Kamenov ZA, Kandaraki E, **Laganà AS**, Monastera G, Montanino Oliva M, Nestler JE, Orio F, Ozay AC, Papalou O, Pkhaladze L, Porcaro G, Prapas N, Soulage CO, Stringaro A, Wdowiak A, Unfer V. Experts' opinion on Inositols in treating polycystic ovary syndrome and non-insulin dependent diabetes mellitus: a further help for human reproduction and beyond. *Expert Opin Drug Metab Toxicol*. 2020 Mar 4. doi: 10.1080/17425255.2020.1737675.
235. Miklavcic J, **Laganà AS**, Premru Srsen T, Korosec S, Ban Frangež H. Effect of Hysteroscopic Septum Resection on Preterm Delivery Rate in Singleton Pregnancies Minim Invasive Ther Allied Technol. 2021;30(6):377–383.
236. Franchi M, Bosco M, Garzon S, **Laganà AS**, Cromi A, Barbieri B, Raffaelli R, Tacconelli E, Scambia G, Ghezzi F. Management of obstetrics and gynaecological patients with COVID-19. *It J Gynaecol Obstet*. 2020;32(1):6-19.
237. Nasário JC, Zaia V, Martins Trevisan C, Garzon S, **Laganà AS**, Montagna E. Attitudes and Values of Physical Education Professionals and Undergraduate Students about Their Role in Health Promotion. *Int J Environ Res Public Health*. 2020;17(7):E2288.
238. Bizzarri M, **Laganà AS**, Aragona D, Unfer V. Inositol and Pulmonary Function. Could Myo-Inositol Treatment Downregulate Inflammation and Cytokine Release Syndrome in SARS-CoV-2? *Eur Rev Med Pharmacol Sci*. 2020;24(6): 3426-3432.
239. Macedo TCC, Montagna E, Trevisan CM, Zaia V, de Oliveira R, Barbosa CP, **Laganà AS**, Bianco B. Prevalence of preeclampsia and eclampsia in adolescent pregnancy: A systematic review and meta-analysis of 291,247 adolescents worldwide since 1969. *Eur J Obstet Gynecol Reprod Biol*. 2020;248:177-186.
240. Franchi M, Parissone F, Lazzari C, Garzon S, **Laganà AS**, Raffaelli R, Cromi A, Ghezzi F. Rome wasn't built in a day: step-by-step improvement of obstetric care in the labor ward. *Arch Gynecol Obstet*. 2020. doi: 10.1007/s00404-020-05487-5.

241. Casarin J, Ielmini M, Cromi A, **Laganà AS**, Poloni N, Callegari C, Ghezzi F. Post-traumatic stress following total hysterectomy for benign disease: an observational prospective study. *J Psychosom Obstet Gynaecol.* 2020;1-7. doi: 10.1080/0167482X.2020.1752174.
242. Casarin J, Bogani G, Papadia A, Ditto A, Pinelli C, Garzon S, Donadello N, **Laganà AS**, Cromi A, Mueller M, Raspagliesi F, Ghezzi F. Preoperative conization and risk of recurrence in patients undergoing laparoscopic radical hysterectomy for early-stage cervical cancer. A multicenter study. *J Minim Invasive Gynecol.* 2021;28(1):117-123. doi: 10.1016/j.jmig.2020.04.015.
243. Carugno J, Sardo ADS, Alonso L, Haimovich S, Campo R, De Angelis C, Bradley L, Bettocchi S, Arias A, Isaacson K, Okohue J, Farrugia M, Kumar A, Xue X, Cavalcanti L, **Laganà AS**, Grimbizis G. COVID-19 pandemic. Impact on hysteroscopic procedures. A consensus statement from the Global Congress of Hysteroscopy Scientific Committee. *J Minim Invasive Gynecol.* 2020 Apr 24:S1553-4650(20)30211-9. doi: 10.1016/j.jmig.2020.04.023.
244. Barra F, Biscaldi E, Scala C, **Laganà AS**, Vellone VG, Stabilini C, Ghezzi F, Ferrero S. A Prospective Study Comparing Three-Dimensional Rectal Water Contrast Transvaginal Ultrasonography and Computed Tomographic Colonography in the Diagnosis of Rectosigmoid Endometriosis. *Diagnostics (Basel).* 2020;10(4):E252. doi: 10.3390/diagnostics10040252.
245. Facchinetti F, Unfer V, Dewailly D, Kamenov ZA, Diamanti-Kandarakis E, **Laganà AS**, Nestler JE, Soulage CO; Group of 'Inositol in PCOS and Reproduction'. Inositols in Polycystic Ovary Syndrome: An Overview on the Advances. *Trends Endocrinol Metab.* 2020;31(6):435-447.
246. Facchinetti F, Espinola MSB, Dewailly D, Ozay AC, Prapas N, Vazquez-Levin M, Wdowiak A, Unfer V; Expert Group on Inositols in Preclinical and Clinical Research (Facchinetti F, Unfer V, Appetecchia M, Aragona C, Bertelli M, Bevilacqua A, Bezerra Espinola MS, Bizzarri M, Cavalli P, Copp A, D'Anna R, Dewailly D, Greene N, Hernández Marín, Kamenov ZA, Kandarakis E, Evanthia Diamanti-Kandarakis, **Laganà AS**, Monastra G, Montanino Oliva M, Nestler JE, Ozay AC, Papalou O, Pkhaladze L, Porcaro G, Prapas N, Soulage CO, Stringaro A, Vazquez-Levin M, Wdowiak A). Breakthroughs in the Use of Inositols for Assisted Reproductive Treatment (ART). *Trends Endocrinol Metab.* 2020 May 15:S1043-2760(20)30080-1. doi: 10.1016/j.tem.2020.04.003.
247. Benati M, Montagnana M, Danese E, Mazzon M, Paviati E, Garzon S, **Laganà AS**, Casarin J, Giudici S, Raffaelli R, Ghezzi F, Franchi M, Lippi G. Aberrant Telomere Length in Circulating Cell-Free DNA as Possible Blood Biomarker with High Diagnostic Performance in Endometrial Cancer. *Pathol Oncol Res.* 2020;26(4):2281-2289.
248. Scioscia M, Noventa M, **Laganà AS**. Abnormal uterine bleeding and the risk of endometrial cancer: Can subendometrial vascular ultrasound be of help to discriminate cancer from adenomyosis? *Am J Obstet Gynecol.* 2020. doi: 10.1016/j.ajog.2020.05.049.
249. Puente Gonzalo E, Alonso Pacheco L, Vega Jiménez A, Vitale SG, Raffone A, **Laganà AS**. Intrauterine infusion of platelet-rich plasma for severe Asherman syndrome: a cutting-edge approach. *Updates Surg.* 2021;73:2355–2362.
250. **Laganà AS**, Garzon S, Unfer V. New clinical targets of d-chiro-inositol: rationale and potential applications. *Expert Opin Drug Metab Toxicol.* 2020;16(8):703–709.
251. 38. Peluso C, Oliveira R, Laporta GZ, Christofolini DM, Fonseca FLA, **Laganà AS**, Barbosa CP, Bianco B. Are ovarian reserve tests reliable in predicting ovarian response? Results from a prospective, cross-sectional, single-center analysis. *Gynecol Endocrinol.* 2021;37(4):358–366.
252. Ceci O, Cicinelli E, **Laganà AS**, Garzon S, Fascilla FD, Bettocchi S. Regarding "Histopathology and Clinical Outcomes of 151 Women with Postmenopausal Bleeding Treated with Resectoscopic Surgery". *J Minim Invasive Gynecol.* 2020. doi: 10.1016/j.jmig.2020.06.025.
253. Hortu I, Turkay U, Terzi H, Kale A, Y Imaz M, Balç C, Aydn U, **Laganà AS**. Impact of bupivacaine injection to

trocar sites on postoperative pain following laparoscopic hysterectomy: Results from a prospective, multicentre, double-blind randomized controlled trial. *Eur J Obstet Gynecol Reprod Biol.* 2020;252:317-322.

254. Casarin J, **Laganà AS**, Pinelli C, Cromi A, Ghezzi F. Minilaparoscopic single-site bilateral salpingo-oophorectomy: a scarless prophylactic procedure. *Minim Invasive Ther Allied Technol.* 2022;31(2):313–318.

255. Garzon S, **Laganà AS**, Casarin J, Raffaelli R, Cromi A, Sturla D, Franchi M, Ghezzi F. An update on treatment options for interstitial cystitis. *Prz Menopauzalny.* 2020;19(1):35-43.

256. Franchi M, Del Piccolo L, Bosco M, Tosadori C, Casarin J, **Laganà AS**, Garzon S. Covid-19 and mental health in the obstetric population: a lesson from a case of puerperal psychosis. *Minerva Ginecol.* 2020. doi: 10.23736/S0026-4784.20.04606-7. Epub ahead of print.

257. Garzon S, **Laganà AS**, Di Spiezio Sardo A, Alonso Pacheco L, Haimovich S, Carugno J, Vitale SG, Casarin J, Raffaelli R, Andrisani A, Zizolfi B, Cromi A, Ghezzi F, Franchi M, Vitagliano A. Hysteroscopic Metroplasty for T-Shaped Uterus: A Systematic Review and Meta-analysis of Reproductive Outcomes. *Obstet Gynecol Surv.* 2020;75(7):431-444.

258. Filipchuk C, **Laganà AS**, Beteli R, Ponce TG, Christofolini DM, Martins Trevisan C, Fonseca FLA, Barbosa CP, Bianco B. BIRC5/Survivin Expression as a Non-Invasive Biomarker of Endometriosis. *Diagnostics (Basel).* 2020;10(8):E533.

259. Carugno J, **Laganà AS**, Vitale SG. Use of 3D ultrasound in the hysteroscopic management of Asherman syndrome. *Ann Transl Med.* 2020;8(14):847.

260. Gulino FA, Pappalardo E, Ettore C, **Laganà AS**, Capriglione S, Ettore G. Caesarean scar pregnancy: descriptive paper of three different types of management on a series of clinical cases. *Prz Menopauzalny.* 2020;19(2):61-65.

261. Drizi A, Djokovic D, **Laganà AS**, van Herendaal B. Impaired inflammatory state of the endometrium: a multifaceted approach to endometrial inflammation. Current insights and future directions. *Prz Menopauzalny.* 2020;19(2):90-100.

262. Casarin J, Bogani G, Piovano E, Falcone F, Ferrari F, Odicino F, Puppo A, Bonfiglio F, Donadello N, Pinelli C, **Laganà AS**, Ditto A, Malzoni M, Greggi S, Raspagliesi F, Ghezzi F. Survival implication of lymphadenectomy in patients surgically treated for apparent early-stage uterine serous carcinoma. *J Gynecol Oncol.* 2020;31(5):e64.

263. Baggio S, Garzon S, Russo A, Ianniciello CQ, Santi L, **Laganà AS**, Raffaelli R, Franchi M. Fertility and reproductive outcome after tubal ectopic pregnancy: comparison among methotrexate, surgery and expectant management. *Arch Gynecol Obstet.* 2020 Aug 27. doi: 10.1007/s00404-020-05749-2. Epub ahead of print.

264. Barra F, **Laganà AS**, Scala C, Garzon S, Ghezzi F, Ferrero S. Pretreatment with dienogest in women with endometriosis undergoing IVF after a previous failed cycle. *Reprod Biomed Online.* 2020;41(5):859-868.

265. **Laganà AS**, Garzon S, Gisone B, Casarin J, Ghezzi F. Intraperitoneal ultrasound scan by culdotomy before laparoscopic ovarian resection: a novel approach. *Minim Invasive Ther Allied Technol.* 2022;31(3):479–482. doi: 10.1080/13645706.2020.1815063.

266. Di Mascio D; WAPM (The World Association of Perinatal Medicine) working group on COVID-19: Saccone G, Sen D, Di Mascio D, Galindo A, Grünebaum A, Yoshimatsu J, Stanojevic M, Kurjak A, Chervenak F, Rodríguez Suárez MJ, Gambacorti-Passerini ZM, Baz MdLAA, Aguilar Galán EV, Cuñarro López Y, De León Luis JA, Hernández IC, Herraiz I, Villalain C, Venturella R, Rizzo G, Mappa I, Gerosolima G, Hellmeyer L, Königbauer J, Ameli G, Frusca T, Volpe N, Schera GBL, Fieni S, Esposito E, Simonazzi G, Di Donna G, Youssef A, Della Gatta AN, Catello Di Donna M, Chiantera V, Buono N, Sozzi G, Greco P, Morano D, Bianchi B, Lombana Marino MG, Laraud F, Ramone A, Cagnacci

A, Barra F, Gustavino C, Ferrero S, Ghezzi F, Cromi A, **Laganà AS**, Longo VL, Stollagli F, Sirico A, Lanzone A, Driul L, Cecchini F, Xodo S, Rodriguez B, Mercado-Olivares F, Elkafrawi D, Sisti G, Esposito R, Coviello A, Cerbone M, Morlando M, Schiattarella A, Colacurci N, De Franciscis P, Cataneo I, Lenzi M, Sandri F, Buscemi R, Gattei G, Della Sala F, Valori E, Rovellotti MC, Done E, Faron G, Gucciardo L, Esposito V, Vena F, Giancotti A, Brunelli R, Muzii L, Nappi L, Sorrentino F, Liberati M, Buca D, Leombroni M, Di Sebastiano F, Franchi M, Ianniciello QC, Garzon S, Petriglia G, Borrello L, Nieto- Calvache AJ, Burgos-Luna JM, Kadji C, Carlin A, Bevilacqua E, Moucho M, Viana P, Figueiredo R, Morales Roselló J, Loscalzo G, Martinez-Varea A, Diago V, Jimenez Lopez JS, Yeliz Aykanat A, Cosma S, Carosso A, Benedetto C, Bermejo A, Feuerschuette OHM, Uyaniklar O, Ocakoglu SR, Atak Z, Gündüz R, Haberal ET, Froessler B, Parange A, Palm P, Samardjiski I, Taccaliti C, Okuyan E, Daskalakis G, Moreira de Sa RA, Pittaro A, Gonzalez-Duran ML, Concheiro Guisan A, Genç SO, Zlatohlávková B, Luengo Piqueras A, Oliva DE, Cil AP, Api O, Antsaklis P, Ples L, Kyvernitakis I, Maul H, Malan M, Lila A, Granese R, Ercoli A, Zoccali G, Villasco A, Biglia N, Madalina C, Costa E, Daelemans C, Pintiaux A, Yapar Eyi EG, Cueto E, Hadar E, Dollinger S, Brzezinski-Sinai NA, Huertas E, Arango P, Sanchez A, Schwartzman JA, Cojocar L, Turan S, Turan O, Di Dedda MC, Garrote Molpeceres R, Zdjelar S, Premru-Srsen T, Kornhauser-Cerar L, Druškovi M, De Robertis V, Stefanovic V, Nupponen I, Nelskylä K, Khodjaeva Z, Gorina KA, Sukhikh GT, Maruotti GM, Visentin S, Cosmi E, Ferrari J, Gatti A, Luvero D, Angioli R, Puri L, Palumbo M, D'Urso G, Colaleo F, Rapisarda AMC, Carbone IF, Manzoli L, Flacco ME, Nazzaro G, Locci M, Guida M, Di Spiezio Sardo A, Benedetti Panici P, Khalil A, Berghella V, Bifulco G, Scambia G, Zullo F, D'Antonio F. Maternal and Perinatal Outcomes of Pregnant Women with SARS-COV-2 infection. *Ultrasound Obstet Gynecol.* 2021;57(2):232-241.

267. Garzon S, **Laganà AS**, Casarin J, Raffaelli R, Cromi A, Franchi M, Barra F, Alkatout I, Ferrero S, Ghezzi F. Secondary and tertiary ovarian cancer recurrence: what is the best management? *Gland Surg.* 2020;9(4):1118-1129.

268. Alonso Pacheco L, Ata B, Bettocchi S, Campo R, Carugno J, Checa MA, de Angelis C, Di Spiezio Sardo A, Donnez J, Farrugia M, Ferro J, Franchini M, Garzon S, Gianaroli L, Gergolet M, Gubbini G, Gordts S, Grimbizis G, Haimovich S, **Laganà AS**, Li TC, Mencaglia L, Rienzi L, Saravelos S, Soares SR, Tanos V, Ubeda A, Ubaldi FM, Van Herendael B, Vereczkey A, Vitagliano A, Vitale SG, Zullo F. Septate uterus and reproductive outcomes: let's get serious about this. *Hum Reprod.* 2020 Sep 24;deaa230. doi: 10.1093/humrep/deaa230.

269. Franchi M, Bosco M, Barbieri B, Diani E, Lo Cascio G, **Laganà AS**, Casarin J, Garzon S, Sangaletti M. Prevalence of SARS-CoV-2 infection in the obstetric population before the hospital admission. *Minerva Ginecol.* 2020 Sep 24. doi: 10.23736/S0026-4784.20.04654-7.

270. Di Mascio D, Sen C, Saccone G, Galindo A, Grünebaum A, Yoshimatsu J, Stanojevic M, Kurjak A, Chervenak F, Rodríguez Suárez MJ, Gambacorti-Passerini ZM, Baz MLAA, Aguilar Galán EV, López YC, De León Luis JA, Hernández IC, Herraiz I, Villalain C, Venturella R, Rizzo G, Mappa I, Gerosolima G, Hellmeyer L, Königbauer J, Ameli G, Frusca T, Volpe N, Luca Schera GB, Fieni S, Esposito E, Simonazzi G, Di Donna G, Youssef A, Della Gatta AN, Di Donna MC, Chiantera V, Buono N, Sozzi G, Greco P, Morano D, Bianchi B, Lombana Marino MG, Laraud F, Ramone A, Cagnacci A, Barra F, Gustavino C, Ferrero S, Ghezzi F, Cromi A, **Laganà AS**, Laurita Longo V, Stollagli F, Sirico A, Lanzone A, Driul L, Cecchini D F, Xodo S, Rodriguez B, Mercado-Olivares F, Elkafrawi D, Sisti G, Esposito R, Coviello A, Cerbone M, Morlando M, Schiattarella A, Colacurci N, De Franciscis P, Cataneo I, Lenzi M, Sandri F, Buscemi R, Gattei G, Sala FD, Valori E, Rovellotti MC, Done E, Faron G, Gucciardo L, Esposito V, Vena F, Giancotti A, Brunelli R, Muzii L, Nappi L, Sorrentino F, Vasciaveo L, Liberati M, Buca D, Leombroni M, Di Sebastiano F, Di Tizio L, Gazzolo D, Franchi M, Ianniciello QC, Garzon S, Petriglia G, Borrello L, Nieto-Calvache AJ, Burgos-Luna JM, Kadji C, Carlin A, Bevilacqua E, Moucho M, Pinto PV, Figueiredo R, Roselló JM, Loscalzo G, Martinez-Varea A, Diago V, Jimenez Lopez JS, Aykanat AY, Cosma S, Carosso A, Benedetto C, Bermejo A, May Feuerschuette OH, Uyaniklar O, Ocakoglu SR, Atak Z, Gündüz R, Haberal ET, Froessler B, Parange A, Palm P, Samardjiski I, Taccaliti C, Okuyan E, Daskalakis G, Moreira de Sa RA, Pittaro A, Gonzalez-Duran ML, Guisan AC, Genç Ö, Zlatohlávková B, Piqueras AL, Oliva DE, Cil AP, Api O, Antsaklis P, Ples L, Kyvernitakis I, Maul H, Malan M, Lila A, Granese R, Ercoli A, Zoccali G, Villasco A, Biglia N, Madalina C, Costa E, Daelemans C, Pintiaux A, Cueto E, Hadar E, Dollinger S, Brzezinski Sinai NA, Huertas E, Arango P, Sanchez A, Schwartzman JA, Cojocar L, Turan S, Turan O, Di Dedda MC, Molpeceres RG, Zdjelar S, Premru-Srsen T, Cerar LK, Druškovi M, De Robertis V, Stefanovic V, Nupponen I, Nelskylä K, Khodjaeva Z, Gorina KA, Sukhikh GT, Maruotti GM, Visentin S, Cosmi E, Ferrari J, Gatti A, Luvero D, Angioli R, Puri L, Palumbo M, D'Urso G, Colaleo F, Chiara Rapisarda AM, Carbone IF, Mollo A, Nazzaro G, Locci M, Guida M, Di Spiezio Sardo A, Panici PB, Berghella V, Flacco ME, Manzoli L, Bifulco G, Scambia G, Zullo F, D'Antonio F. Risk factors associated with adverse fetal outcomes in pregnancies affected by Coronavirus disease 2019 (COVID-19): a secondary analysis of the WAPM study on COVID-19. *J Perinat Med.* 2020 Sep 25. doi: 10.1515/jpm-2020-0355.

271. Garzon S, **Laganà AS**, Barra F, Casarin J, Cromi A, Raffaelli R, Uccella S, Franchi M, Ghezzi F, Ferrero S. Novel drug delivery methods for improving efficacy of endometriosis treatments. *Expert Opin Drug Deliv.* 2021;18(3):355-367.

272. Unfer V, Dinicola S, **Laganà AS**, Bizzarri M. Altered Ovarian Inositol Ratios May Account for Pathological

Steroidogenesis in PCOS. *Int J Mol Sci.* 2020 Sep 28;21(19):E7157. doi: 10.3390/ijms21197157.

273. 60. Carugno J, Timmons D, Grady M, Lederer M, Rapisarda AMC, **Laganà AS**. Impact of physician attire on patients' impression of their gynecologist: Results from a large single-center survey analysis. *Eur J Obstet Gynecol Reprod Biol.* 2020 Sep 23;254:266-270. doi: 10.1016/j.ejogrb.2020.09.040.

274. **Laganà AS**, Garzon S, Alkatout I, Hortu , Gitas G, Vitale SG, Gubbini G. Isthmocele: When Surgery Is Both the Problem and the Solution. *J Invest Surg.* 2022;35(1):231–232.

275. Garzon S, **Laganà AS**. Polycystic ovary syndrome and assisted reproduction: splitters versus lumpers. *BJOG.* 2021;128(6):1011.

276. Esteban Manchado B, Lopez-Yarto M, Fernandez-Parra J, Rodriguez-Oliver A, Gonzalez-Paredes A, **Laganà AS** , Garzon S, Haimovich S. Office hysteroscopic metroplasty with diode laser for septate uterus: a multicenter cohort study. *Minim Invasive Ther Allied Technol.* 2022;31(3):441–447. doi: 10.1080/13645706.2020.1837181.

277. Scioscia M, Virgilio BA, **Laganà AS**, Bernardini T, Fattizzi N, Neri M, Guerriero S. Differential Diagnosis of Endometriosis by Ultrasound: A Rising Challenge. *Diagnostics (Basel).* 2020;10(10):848. doi: 10.3390/diagnostics10100848.

278. Garzon S, **Laganà AS**, Barra F, Casarin J, Cromi A, Raffaelli R, Uccella S, Franchi M, Ghezzi F, Ferrero S. Aromatase inhibitors for the treatment of endometriosis: a systematic review about efficacy, safety and early clinical development. *Expert Opin Investig Drugs.* 2020;29(12):1377-1387.

279. **Laganà AS**, Scioscia M. Endometrial Cancer in Women with Adenomyosis: An Underestimated Risk? *Int J Fertil Steril.* 2020;14(3):260-261. doi: 10.22074/ijfs.2020.44413.

280. Kerši M, Kerši M, Kuni T, Garzon S, **Laganà AS**, Barbi M, Lukanovi A, Lukanovi D. Single-Incision Mini-Sling for the Treatment of Female Stress Urinary Incontinence: Is it Actually Inferior to Transobturator Vaginal Tape and Tension-Free Vaginal Tape? *Gynecol Minim Invasive Ther.* 2020;9(3):123-130.

281. Garzon S, **Laganà AS**, Vitagliano A, Haimovich S, Alonso Pacheco L, Carugno J, Di Spiezio Sardo A. Pregnancy Outcomes in Women With a History of Recurrent Early Pregnancy Loss and a Septate Uterus, With and Without Hysteroscopic Metroplasty. *Obstet Gynecol.* 2020;136(6):1232.

282. Carugno J, **Laganà AS**, Haimovich S, Pacheco LA, Bigozzi M, Di Spiezio Sardo A. Resident and Program Director Confidence in Resident Surgical Preparedness in Obstetrics and Gynecologic Training Programs. *Obstet Gynecol.* 2020;136(6):1233-1234. doi: 10.1097/AOG.0000000000004190.

283. Facchinetti F, Cavalli P, Copp AJ, D'Anna R, Kandaraki E, Greene NDE, Unfer V; Experts Group on Inositol in Basic and Clinical Research (Facchinetti F, Unfer V, Appetecchia M, Aragona C, Bertelli M, Bevilacqua A, Bezerra Espinola MS, Bizzarri M, Cavalli P, Copp A, D'Anna R, Dewailly D, Greene N, Hernández Marín I, Kamenov ZA, Kandaraki E, Diamanti-Kandaraki E, **Laganà AS**, Monastra G, Montanino Oliva M, Nestler JE, Ozay AC, Papalou O, Pkhaladze L, Porcaro G, Prapas N, Soulage CO, Stringaro A, Vazquez-Levin M, Wdowiak A). An update on the use of inositols in preventing gestational diabetes mellitus (GDM) and neural tube defects (NTDs). *Expert Opin Drug Metab Toxicol.* 2020;16(12): 1187-1198. doi: 10.1080/17425255.2020.1828344.

284. **Laganà AS**, Unfer V, Garzon S, Bizzarri M. Role of inositol to improve surfactant functions and reduce IL-6 levels: A potential adjuvant strategy for SARS-CoV-2 pneumonia? *Med Hypotheses.* 2020;144:110262.

285. Tanvir T, Garzon S, Alonso Pacheco L, Lopez Yarto M, Rios M, Stamenov G, Moratalla E, Shokeir T, Adel S, Mikulasek L, **Laganà AS**, Haimovich S. Office hysteroscopic myomectomy without myoma extraction: A multicenter

prospective study. *Eur J Obstet Gynecol Reprod Biol.* 2020;256:358-363. doi: 10.1016/j.ejogrb.2020.11.048.

286. **Laganà AS**, Garzon S, D'Alterio MN, Noventa M, Stabile G, Naem A, Ghezzi F. Mini-Laparoscopy or Single-Site Robotic Surgery in Gynecology? Let's Think out of the Box. *J Invest Surg.* 2022;35(2):440-1. doi: 10.1080/08941939.2020.1857480.

287. Jansa V, **Laganà AS**, Ferrari F, Ghezzi F, Burnik Papler T, Vrtacnik Bokal E, Ban Frangež H. Uterine rupture in pregnancy after hysteroscopic septum resection: a 20-year retrospective analysis. *Minim Invasive Ther Allied Technol.* 2022;31(3):448–455. doi: 10.1080/13645706.2020.1837884.

288. Freytag D, Pape J, Dhanawat J, Günther V, Maass N, Gitas G, **Laganà AS**, Allahqoli L, Meinhold-Heerlein I, Moawad GN, Biebl M, Mettler L, Alkatout I. Challenges Posed by Embryonic and Anatomical Factors in Systematic Lymphadenectomy for Endometrial Cancer. *J Clin Med.* 2020;9(12):E4107. doi: 10.3390/jcm9124107.

289. Králíková M, Vetvicka V, **Laganà AS**. Endometrial cancer—is our knowledge changing? *Transl Cancer Res.* 2020;9(12): 7734-7745. doi: 10.21037/tcr-20-1720

290. Bianco B, Barbosa CP, Trevisan CM, **Laganà AS**, Montagna E. Endometrial cancer: a genetic point of view. *Transl Cancer Res.* 2020;9(12):7706-7715. doi: 10.21037/tcr-20-2334

291. Pinelli C, Artuso V, Bogani G, **Laganà AS**, Ghezzi F, Casarin J. Lymph node evaluation in endometrial cancer: how did it change over the last two decades? *Transl Cancer Res.* 2020;9(12):7778-7784. doi: 10.21037/tcr-20-2165

292. **Laganà AS**. Management of endometrial cancer: current insights and future directions. *Transl Cancer Res.* 2020;9(12): 7685-7687. doi: 10.21037/tcr-2020-ec-15

293. Herman T, Török P, **Laganà AS**, Jakab A. In Vitro Fertilization Treatment of a Patient with Primary Partial Empty Sella and Other Co-Factors. *Obstet Gynecol Cases Rev.* 2020;7(5):174. DOI: 10.23937/2377-9004/1410174

294. Simonetto C, Garzon S, **Laganà AS**, Raffaelli R, Cromi A, Uccella S, Ghezzi F, Franchi M. Maternal sepsis: a comprehensive review from definition to treatment. *It J Gynaecol Obstet.* 2020;32(2):166-181. DOI: 10.36129/jog.32.03.03

295. Del Piccolo L, Raffaelli R, Garzon S, Bosco M, Casarin J, Ciccarone F, Donisi V, Ginami M, **Laganà AS**, Mazzoni G, Perlini C, Rimondini M, Simonetto C, Ghezzi F, Lanzone A, Sartori E, Scambia G, Franchi M. IPSICO survey on the psychological impact of COVID-19 on healthcare providers in obstetrics: a study design. *It J Gynaecol Obstet.* 2020;32(4): 276-286. DOI: 10.36129/jog.32.04.07

296. Ciebiera M, Jakiel G, Nowicka G, **Laganà AS**, Ghezzi F, Oziński T, Wojtyła C, Wodarczyk M. The effect of ulipristal acetate on tumor necrosis factor alpha, insulin-like growth factor 1, and plasminogen activator inhibitor-1 serum levels in patients with symptomatic uterine fibroids. *Arch Med Sci.* 2020. DOI: 10.5114/aoms.2020.94296

297. Gitas G, Proppe L, Baum S, Kruggel M, Rody A, Tsolakidis D, Zouzoulas D, **Laganà AS**, Guenther V, Freytag D, Alkatout I. A risk factor analysis of complications after surgery for vulvar cancer. *Arch Gynecol Obstet.* 2021 Jan 9. doi: 10.1007/s00404-020-05949-w.

298. Scioscia M, **Laganà AS**, Caringella G, Guerriero S. Transvaginal Strain Elastasonography in the Differential Diagnosis of Rectal Endometriosis: Some Potentials and Limits. *Diagnostics (Basel).* 2021;11(1):E99. doi: 10.3390/diagnostics11010099.

299. Carugno J, Marbin S, **Laganà AS**, Vitale SG, Alonso L, Di Spiezio Sardo A, Haimovich S. New development on

hysteroscopy for endometrial cancer diagnosis: state of the art. *Minerva Med.* 2021 Jan 13. doi: 10.23736/S0026-4806.20.07123-2.

300. Gitas G, Freytag D, Allahqoli L, Baum S, Rody A, Maass N, Dinas K, **Laganà AS**, Moawad G, Sotiriadis A, Alkatout I. Lymphadenectomy in endometrial cancer - achieving more with less? *Minim Invasive Ther Allied Technol.* 2021 Jan 13:1-9. doi: 10.1080/13645706.2020.1868009. Epub ahead of print.

301. Bezerra Espinola MS, Bertelli M, Bizzarri M, Unfer V, **Laganà AS**, Visconti B, Aragona C. Inositol and vitamin D may naturally protect human reproduction and women undergoing assisted reproduction from Covid-19 risk. *J Reprod Immunol.* 2021 Jan 8;144:103271. doi: 10.1016/j.jri.2021.103271. Epub ahead of print.

302. Bogani G, Sopracordevole F, Di Donato V, Ciavattini A, Ghelardi A, Lopez S, Simoncini T, Plotti F, Casarin J, Serati M, Pinelli C, Valenti G, Bergamini A, Gardella B, Dell'acqua A, Monti E, Vercellini P, Fischetti M, D'ippolito G, Aguzzoli L, Mandato VD, Carunchio P, Carlinfante G, Giannella L, Scaffa C, Falcone F, Borghi C, Ditto A, Malzoni M, Giannini A, Salerno MG, Liberale V, Contino B, Donfrancesco C, Desiato M, Perrone AM, Dondi G, De Iaco P, Chiappa V, Ferrero S, Sarpietro G, Matarazzo MG, Cianci A, Bosio S, Ruisi S, Guerrisi R, Brusadelli C, Mosca L, **Laganà AS**, Tinelli R, Signorelli M, De Vincenzo R, Zannoni GF, Ferrandina G, Lovati S, Petrillo M, Dessole S, Carlea A, Zullo F, Angioli R, Greggi S, Spinillo A, Ghezzi F, Colacurci N, Muzii L, Benedetti Panici P, Scambia G, Raspagliesi F. High-risk HPV-positive and -negative high-grade cervical dysplasia: Analysis of 5-year outcomes. *Gynecol Oncol.* 2021 Jan 26:S0090-8258(21)00080-9. doi: 10.1016/j.ygyno.2021.01.020. Epub ahead of print.

303. Carugno J, Naem A, Ibrahim C, Ehinger N, Moore J, Garzon S, **Laganà AS**. Is color Doppler ultrasonography reliable in diagnosing adnexal torsion? A large cohort analysis. *Minim Invasive Ther Allied Technol.* 2021 Feb 8:1-8. doi: 10.1080/13645706.2021.1878376.

304. Franchi M, Garzon S, **Laganà AS**, Baggio S, Cromi A, Ghezzi F, Scambia G, Raffaelli R. Needlestick injuries among obstetrics and gynecology trainees: A survey study. *Eur J Obstet Gynecol Reprod Biol.* 2021;259:67-74. doi: 10.1016/j.ejogrb.2021.02.005

305. Klebanoff JS, Barnes WA, Denny K, Mangini MG, Kazma J, **Laganà AS**, Habib N, Ayoubi JM, Moawad GN. Rates of anastomotic leak and fistula following surgical management of bowel endometriosis: a comparison of shaving, discoid excision, and segmental resection. *Horm Mol Biol Clin Investig.* 2021 Feb 19. doi: 10.1515/hmbci-2020-0065.

306. Vitale SG, **Laganà AS**, Török P, Lasmar RB, Carugno J, Palumbo M, Tesarik J. Virtual sonographic hysteroscopy in assisted reproduction: A retrospective cost-effectiveness analysis. *Int J Gynaecol Obstet.* 2021 Feb 22. doi: 10.1002/ijgo.13651.

307. D'Antonio F, Sen C, Mascio DD, Galindo A, Villalain C, Herraiz I, Ar soy R, Ovayolu A, Ero lu H, Canales MG, Ladella S, Cojocar L, Turan O, Turan S, Hadar E, Brzezinski-Sinai NA, Dollinger S, Uyaniklar O, Ocakouglu SR, Atak Z, Premru- Srsen T, Kornhauser-Cerar L, Druškovi M, Ples L, Gündüz R, A açayak E, Schvartzman JA, Malbran MN, Liberati M, Sebastiano FD, Oronzi L, Cerra C, Buca D, Cagnacci A, Ramone A, Barra F, Carosso A, Benedetto C, Cosma S, Pintiaux A, Daelemans C, Costa E, Özel A, Muşcu M, Jimenez Lopez JS, Alvarado C, Piqueras AL, Oliva DE, Schera GBL, Volpe N, Frusca T, Samardjiski I, Simeonova S, Papestiev IA, Hojman J, Turkcuoglu I, Cromi A, **Laganà AS**, Ghezzi F, Sirico A, Familiari A, Scambia G, Sukhikh ZKGT, Gorina KA, de Sa RAM, Vaz M, Feuerschuetz OHM, Gatta AND, Youssef A, Donna GD, Martinez-Varea A, Loscalzo G, Roselló JM, Stefanovic V, Nupponen I, Nelskylä K, Ayala R, Molpeceres RG, Vázquez AP, Sandri F, Cataneo I, Lenzi M, Haberal ET, Huertas E, Sanchez A, Arango P, Bermejo A, Alcantara MMG, Göynüner G, Okuyan E, Madalina C, Guisan AC, Schulte AM, Esposito V, De Robertis V, Zdjelar S, Lackovic M, Mihajlovic S, Jekova N, Saccone G, Aslan MM, Dedda MCD, Chalid M, Canache JEM, Daskalakis G, Antsaklis P, Vega EC, Cueto E, Taccaliti C, Aykanat AY, Özlem Genç , Froessler B, Radulova PA, Morano D, Bianchi B, Marino MGL, Meccariello G, Rohatgi B, Schiattarella A, Morlando M, Colacurci N, Villasco A, Biglia N, Marques ALS, Gatti A, Luvero D, Angioli R, Pittaro A, Lila A, Zlatohlávková B. Maternal and perinatal outcomes in high vs low risk-pregnancies affected by SARS-COV-2 infection (Phase-2): The WAPM (World Association of Perinatal Medicine) working group on COVID-19. *Am J Obstet Gynecol MFM.* 2021;3(4):100329.

308. Carugno J, **Laganà AS**, Haimovich S, Pacheco LA, Sardo ADS. T-shaped uterus: stepping up the ladder of evidence. *Ultrasound Obstet Gynecol.* 2021;57(3):509-510.

309. 96. Vitale SG, **Laganà AS**, Caruso S, Garzon S, Vecchio GM, La Rosa VL, Casarin J, Ghezzi F. Comparison of three biopsy forceps for hysteroscopic endometrial biopsy in postmenopausal patients (HYGREB-1): A multicenter, single-blind randomized clinical trial. *Int J Gynaecol Obstet*. 2021;155:425–432.
310. Vitagliano A, Di Spiezio Sardo A, Noventa M, Carugno J, Cicinelli E, Pacheco LA, Vitale SG, Campo R, **Laganà AS**, Haimovich S, Cozzolino M, Greco P. Endometrial scratching can be offered outside clinical research setting: let us show you why. *Hum Reprod*. 2021 Mar 20;deab060. doi: 10.1093/humrep/deab060. Epub ahead of print.
311. Vitale SG, Haimovich S, **Laganà AS**, Alonso L, Di Spiezio Sardo A, Carugno J; From the Global Community of Hysteroscopy Guidelines Committee. Endometrial polyps. An evidence-based diagnosis and management guide. *Eur J Obstet Gynecol Reprod Biol*. 2021;260:70-77.
312. Šprem Goldštajn M, Mikuš M, Ori M, Oreškovi S, Duman I S, Noventa M, Buzzaccarini G, Andrisani A, **Laganà AS**. The pharmacoeconomic impact of follitropin alpha biosimilars in IVF therapy in Europe: a report of the literature. *Expert Rev Pharmacoecon Outcomes Res*. 2021;21(4):553–558.
313. Bapayeva G, Aimagambetova G, Issanov A, Terzic S, Ukybassova T, Aldiyarova A, Utepova G, Daribay Z, Bekbossinova G, Balykov A, **Laganà AS**, Terzic M. The Effect of Stress, Anxiety and Depression on In Vitro Fertilization Outcome in Kazakhstani Public Clinical Setting: A Cross-Sectional Study. *J Clin Med*. 2021;10(5):937.
314. Auricchio V, Garzon S, Pomini P, **Laganà AS**, Casarin J, Cromi A, Ghezzi F, Vigato E, Franchi M. Clitoral reconstructive surgery after female genital mutilation: A systematic review. *Sex Reprod Healthc*. 2021 Apr 2;29:100619. doi: 10.1016/j.srhc.2021.100619.
315. D'Alterio MN, Giuliani C, Scicchitano F, **Laganà AS**, Oltolina NM, Sorrentino F, Nappi L, Orrù G, Angioni S. Possible role of microbiome in the pathogenesis of endometriosis. *Minerva Obstet Gynecol*. 2021;73(2):193-214.
316. D'Alterio MN, Sigilli M, Succu AG, Ghisu V, **Laganà AS**, Sorrentino F, Nappi L, Tinelli R, Angioni S. Pregnancy outcomes in women with polycystic ovarian syndrome (PCOS). *Minerva Obstet Gynecol*. 2022;74(1):45-59. doi: 10.23736/ S2724-606X.21.04758-4.
317. Cintra RG, Wajnsztejn R, Trevisan CM, Zaia V, **Laganà AS**, Bianco B, Montagna E. Kisspeptin Levels in Girls with Precocious Puberty: A Systematic Review and Meta-Analysis. *Horm Res Paediatr*. 2021 Apr 22;1-10. doi: 10.1159/000515660.
318. Monastra G, Vucenik I, Harrath AH, Alwasel SH, Kamenov ZA, **Laganà AS**, Monti N, Fedeli V, Bizzarri M. PCOS and Inositols: Controversial Results and Necessary Clarifications. Basic Differences Between D-Chiro and Myo-Inositol. *Front Endocrinol (Lausanne)*. 2021;12:660381.
319. Hernandez Marin I, Picconi O, **Laganà AS**, Costabile L, Unfer V. A multicenter clinical study with myo-inositol and algalactalbumin in Mexican and Italian PCOS patients. *Eur Rev Med Pharmacol Sci*. 2021;25(8):3316-3324.
320. Sangaletti M, Garzon S, Raffaelli R, D'Alessandro R, Bosco M, Casarin J, **Laganà AS**, Sibona I, Biban P, Franchi M. The Ex utero intrapartum treatment (EXIT) procedure: case report of a multidisciplinary team approach. *Acta Biomed*. 2021;92(S1):e2021142.
321. Gitas G, Proppe L, Ertan AK, Baum S, Rody A, Kocaer M, Dinas K, Allahqoli L, **Laganà AS**, Sotiriadis A, Sommer S, Alkatout I. Influence of the second stage of labor on maternal and neonatal outcomes in vaginal births after caesarean section: a multicenter study in Germany. *BMC Pregnancy Childbirth*. 2021;21(1):356.
322. Ciebiera M, Zgliczy ska M, Zgliczy ski S, Sierant A, **Laganà AS**, Alonso Pacheco L, Carugno J, Vitale SG. Oral Desogestrel as Endometrial Preparation before Operative Hysteroscopy: A Systematic Review. *Gynecol Obstet Invest*.

2021 May 5:1-9. doi: 10.1159/000514584. Epub ahead of print.

323. Machado LDS, Marques Cerentini T, **Laganà AS**, Viana da Rosa P, Fichera M, Telles da Rosa LH. Pelvic floor evaluation in CrossFit® athletes and urinary incontinence: a cross-sectional observational study. *Women Health*. 2021;61(5):490-499.

324. Unfer V, Tilotta M, Kaya C, Noventa M, Török P, Alkatout I, Gitas G, Bilotta G, **Laganà AS**. Absorption, distribution, metabolism and excretion of hyaluronic acid during pregnancy: a matter of molecular weight. *Expert Opin Drug Metab Toxicol*. 2021;17(7):823–840.

325. D'Alterio MN, Saponara S, D'Ancona G, Russo M, **Laganà AS**, Sorrentino F, Nappi L, Angioni S. Role of surgical treatment in endometriosis. *Minerva Obstet Gynecol*. 2021;73(3):317-332.

326. Sleiman Z, Bitar R, Christoforou C, Török P, Fichera M, Panella MM, Biondi A, **Laganà AS**, Garzon S, Radwan G. Is there proof of transferability of laparoscopic psychomotor skills from the simulator laboratory to the operating room? Results from a systematic review. *J Obstet Gynaecol*. 2022;42(2):181–187. doi: 10.1080/01443615.2021.1904216.

327. Giannunzio L, Pasta V, **Laganà AS**, Unfer V. Breast density: towards new therapeutic strategies for breast cancer prevention. *IJMDAT*. 2021;4:e322.

328. Benvenega S, Nordio M, **Laganà AS**, Unfer V. The Role of Inositol in Thyroid Physiology and in Subclinical Hypothyroidism Management. *Front Endocrinol (Lausanne)*. 2021;12:662582.

329. Iervolino M, Lepore E, Forte G, **Laganà AS**, Buzzaccarini G, Unfer V. Natural Molecules in the Management of Polycystic Ovary Syndrome (PCOS): An Analytical Review. *Nutrients*. 2021;13(5):1677.

330. Gambioli R, Forte G, Buzzaccarini G, Unfer V, **Laganà AS**. Myo-Inositol as a Key Supporter of Fertility and Physiological Gestation. *Pharmaceuticals (Basel)*. 2021;14(6):504.

331. D'Alterio MN, Saponara S, Agus M, **Laganà AS**, Noventa M, Stochino Loi E, Feki A, Angioni S. Medical and surgical interventions to improve the quality of life for endometriosis patients: a systematic review. *Gynecol Surg*. 2021;18:13.

332. Monastra G, Vazquez-Levin M, Bezerra Espinola MS, Bilotta G, **Laganà AS**, Unfer V. D-chiro-inositol, an aromatase down-modulator, increases androgens and reduces estrogens in male volunteers: a pilot study. *Basic Clin Androl*. 2021;31(1):13. doi: 10.1186/s12610-021-00131-x

333. Ferrari F, Ficarelli S, Cornelli B, Ferrari FA, Farulla A, Alboni C, Fontana E, Roccio M, Boschi AC, Buca D, Leombroni M, Peterlunger I, Moruzzi MC, Beneduce G, Bolomini G, **Laganà AS**, Malorgio P, Ricci G, Franchi M, Scambia G, Sartori, Odicino F. Management of Unusual Not Scar Ectopic Pregnancy: A Multicentre Retrospective Case Series. *Curr Womens Health Rev*. 2021. DOI: 10.2174/1573404817666210224150839

334. Aimagambetova G, Kaiyrykzy A, Bapayeva G, Ukybassova T, Kenbayeva K, Ibrayimov B, Lyasova A, Bonaldo G, Buzzaccarini G, Noventa M, **Laganà AS**, Terzic M. Validation of Pipelle endometrial biopsy in patients with abnormal uterine bleeding in Kazakhstani healthcare setting. *Clin Exp Obstet Gynecol*. 2021;48(3):670-675. DOI: 10.31083/j.ceog. 2021.03.2510

335. Buzzaccarini G, Noventa M, D'Alterio MN, Terzic M, Scioscia M, Schäfer SD, Bianco B, **Laganà AS**. vNOTES Hysterectomy: Can It Be Considered the Optimal Approach for Obese Patients? *J Invest Surg*. 2022;35(4)868–869. doi: 10.1080/08941939.2021.1939467.

336. Králíková M, Vetvíčka V, Fiala L, **Laganà AS**, Garzon S. The Search for Biomarkers in Endometriosis: a Long and Windy Road. *Reprod Sci.* 2021 Jun 22. doi: 10.1007/s43032-021-00668-2. Epub ahead of print.
337. Bizzarri M, Logoteta P, Monastra G, **Laganà AS**. An innovative approach to polycystic ovary syndrome. *J Obstet Gynaecol.* 2021 Jun 25:1-11. doi: 10.1080/01443615.2021.1920006.
338. Gullo G, Cucinella G, Perino A, Gullo D, Segreto D, **Laganà AS**, Buzzaccarini G, Donarelli Z, Marino A, Allegra A, Maranto M, Carosso AR, Garofalo P, Tomaiuolo R. The Gender Gap in the Diagnostic-Therapeutic Journey of the Infertile Couple. *Int J Environ Res Public Health.* 2021;18(12):6184.
339. Terzic M, Aimagambetova G, Terzic S, Radunovic M, Bapayeva G, **Laganà AS**. Periodontal Pathogens and Preterm Birth: Current Knowledge and Further Interventions. *Pathogens.* 2021;10(6):730.
340. Djokovic D, Pinto P, van Herendael BJ, **Laganà AS**, Thomas V, Keckstein J. Structured report for dynamic ultrasonography in patients with suspected or known endometriosis: Recommendations of the International Society for Gynecologic Endoscopy (ISGE). *Eur J Obstet Gynecol Reprod Biol.* 2021;263:252-260.
341. Dababou S, Garzon S, **Laganà AS**, Ferrero S, Evangelisti G, Noventa M, D'Alterio MN, Palomba S, Uccella S, Franchi M, Barra F. Linzagolix: a new GnRH-antagonist under investigation for the treatment of endometriosis and uterine myomas. *Expert Opin Investig Drugs.* 2021;30(9)903–911.
342. Tinelli A, Kosmas IP, Carugno JT, Carp H, Malvasi A, Cohen SB, **Laganà AS**, Angelini M, Casadio P, Chayo J, Cicinelli E, Gerli S, Palacios Jaraquemada J, Magnarelli G, Medvediev MV, Jimenez Metello J, Nappi L, Okohue J, Sparic R, Stefanovi R, Tzabari A, Vimercati A. Uterine rupture during pregnancy: The URIDA (uterine rupture international data acquisition) study. *Int J Gynaecol Obstet.* 2021 Jul 1. doi: 10.1002/ijgo.13810. Epub ahead of print.
343. Alonso Pacheco L, Bermejo López C, Carugno J, Azumendi Gómez P, Martínez-Ten P, **Laganà AS**, Garzon S. The Rule of 10: a simple 3D ultrasonographic method for the diagnosis of T-shaped uterus. *Arch Gynecol Obstet.* 2021 Jul 25. doi: 10.1007/s00404-021-06147-y.
344. Stabile G, Zinicola G, Romano F, **Laganà AS**, Pozzolo CD, Ricci G. Pelvic mass, ascites, hydrothorax: a malignant or benign condition? Meigs syndrome with high levels of CA 125. *Prz Menopauzalny.* 2021;20(2):103-107.
345. D'Alterio MN, Scicchitano F, Fanni D, Faa G, **Laganà AS**, Noventa M, Sorrentino F, Nappi L, Angioni S. Ex vivo myolysis with dual wavelengths diode laser system: macroscopic and histopathological examination. *Clin Exp Obstet Gynecol.* 2021;48(4):875-882.
346. Scioscia M, Noventa M, Palomba S, **Laganà AS**. Effect of the COVID-19 pandemic on oncology screenings: it is time to change course. *BJOG.* 2021;128(13):2213-2214.
347. Buzzaccarini G, Stabile G, Török P, Petousis S, Mikuš M, Della Corte L, Barra F, **Laganà AS**. Surgical Approach for Enlarged Uteri: Further Tailoring of vNOTES Hysterectomy. *J Invest Surg.* 2022;35(4)924–925. doi: 10.1080/08941939.2021.1967528.
348. Russo M, Forte G, Montanino Oliva M, **Laganà AS**, Unfer V. Melatonin and Myo-Inositol: Supporting Reproduction from the Oocyte to Birth. *Int J Mol Sci.* 2021;22(16):8433.
349. Saccardi C, Zovato S, Spagnol G, Bonaldo G, Marchetti M, Alessandrini L, Tognazzo S, Guerriero A, Vitagliano A, **Laganà AS**, Noventa M. Efficacy of risk-reducing salpingo-oophorectomy in BRCA1-2 variants and clinical outcomes of follow-up in patients with isolated serous tubal intraepithelial carcinoma (STIC). *Gynecol Oncol.* 2021;163:364–370.

350. Garzon S, **Laganà AS**, Carugno J, Cayuela Font E, Jimenez J, Kar S, Fikri J, Carlos Pons J, Milind T, Medvedied M, Alonso Pacheco L, Salazar E, Montevecchi L, Ochoa CM, De Angelis C. Osseous metaplasia of the endometrium: A multicenter retrospective study. *Eur J Obstet Gynecol Reprod Biol.* 2021;265:150-155.
351. Terzic M, Aimagambetova G, Kunz J, Bapayeva G, Aitbayeva B, Terzic S, **Laganà AS**. Molecular Basis of Endometriosis and Endometrial Cancer: Current Knowledge and Future Perspectives. *Int J Mol Sci.* 2021;22(17):9274.
352. Ban Frangež H, Vrtacnik Bokal E, Štimpfel M, Divjak Budihna T, Gulino FA, Garzon S, Ghezzi F, Alkatout I, Gitas G, **Laganà AS**. Reproductive outcomes after laparoscopic surgery in infertile women affected by ovarian endometriomas, with or without in vitro fertilisation: results from the SAFE (surgery and ART for endometriomas) trial. *J Obstet Gynaecol.* 2021. doi: 10.1080/01443615.2021.1959536. Epub ahead of print.
353. Buzzaccarini G, Borin M, Diffidenti B, Vari S, Di Gioia M, Albini M, Noventa M, **Laganà AS**. Addressing the safety of hyaluronic acid dermal filler injections during the SARS CoV-2 pandemic worldwide vaccination. *J Plast Reconstr Aesthet Surg.* 2021. doi: 10.1016/j.bjps.2021.08.037. Epub ahead of print.
354. Terzic M, Aimagambetova G, Bapayeva G, Ukybassova T, Kenbayeva K, Kaiyrlykyzy A, Ibrayimov B, Lyasova A, Terzic S, Alkatout I, Gitas G, Hortu , Garzon S, **Laganà AS**. Pipelle endometrial sampling success rates in Kazakhstani settings: results from a prospective cohort analysis. *J Obstet Gynaecol.* 2021 Sep 30:1-6. doi: 10.1080/01443615.2021.1953452.
355. Matta I, **Laganà AS**, Ghabi E, Bitar L, Ayed A, Petousis S, Vitale SG, Sleiman Z. COVID-19 transmission in surgical smoke during laparoscopy and open surgery: a systematic review. *Minim Invasive Ther Allied Technol.* 2021 Oct 6:1-8. doi: 10.1080/13645706.2021.1982728.
356. Bezerra Espinola MS, **Laganà AS**, Bilotta G, Gullo G, Aragona C, Unfer V. D-chiro-inositol Induces Ovulation in Non- Polycystic Ovary Syndrome (PCOS), Non-Insulin-Resistant Young Women, Likely by Modulating Aromatase Expression: A Report of 2 Cases. *Am J Case Rep.* 2021;22:e932722. doi: 10.12659/AJCR.932722.
357. Dinicola S, Unfer V, Facchinetti F, Soulage CO, Greene ND, Bizzarri M, **Laganà AS**, Chan SY, Bevilacqua A, Pkhaladze L, Benvenga S, Stringaro A, Barbaro D, Appetecchia M, Aragona C, Bezerra Espinola MS, Cantelmi T, Cavalli P, Chiu TT, Copp AJ, D'Anna R, Dewailly D, Di Lorenzo C, Diamanti-Kandarakis E, Hernández Marín I, Hod M, Kamenov Z, Kandaraki E, Monastra G, Montanino Oliva M, Nestler JE, Nordio M, Ozay AC, Papalou O, Porcaro G, Prapas N, Roseff S, Vazquez-Levin M, Vucenik I, Wdowiak A. Inositols: From Established Knowledge to Novel Approaches. *Int J Mol Sci.* 2021;22(19):10575.
358. Lukanovi D, **Laganà AS**. The impact of Covid-19 on simulation-based learning of gynecology and obstetrics skills. *Minim Invasive Ther Allied Technol.* 2021 Oct 15:1-6. doi: 10.1080/13645706.2021.1987923. Epub ahead of print.
359. Rizzo A, Bruno A, Torre G, Mento C, Pandolfo G, Cedro C, **Laganà AS**, Granese R, Zoccali RA, Muscatello MRA. Subthreshold psychiatric symptoms as potential predictors of postpartum depression. *Health Care Women Int.* 2022;43(1-3):129-141. doi: 10.1080/07399332.2021.1963730.
360. Bianco B, Loureiro FA, Trevisan CM, Peluso C, Christofolini DM, Montagna E, **Laganà AS**, Barbosa CP. Effects of FSHR and FSHB Variants on Hormonal Profile and Reproductive Outcomes of Infertile Women With Endometriosis. *Front Endocrinol (Lausanne).* 2021;12:760616. doi: 10.3389/fendo.2021.760616.
361. Garzon S, Apostolopoulos V, Stojanovska L, Ferrari F, Mathyk BA, **Laganà AS**. Non-oestrogenic modalities to reverse urogenital aging. *Prz Menopauzalny.* 2021;20(3):140-147. doi: 10.5114/pm.2021.109772.
362. Feghali EJ, **Laganà AS**, Daccache A, Bitar R, Garzon S, Uccella S, Petousis S, Sleiman Z. Endobag use in laparoscopic gynecological surgeries: a systematic review. *Minim Invasive Ther Allied Technol.* 2021 Nov 3:1-6. doi: 10.1080/13645706.2021.1982727.

Noventa M, Andrisani A, Buzzaccarini G, Fertility-Sparing Approach in Women Affected by Stage I and Low-Grade Endometrial Carcinoma: An Updated Overview. *Int J Mol Sci.* 2021;22(21):11825.

364. Stabile G, Romano F, Topouzova GA, Mangino FP, Di Lorenzo G, **Laganà AS**, De Manzini N, Ricci G. Spondylodiscitis After Surgery for Pelvic Organ Prolapse: Description of a Rare Complication and Systematic Review of the Literature. *Front Surg.* 2021;8:741311.

365. Della Corte L, Mercurio A, Morra I, Riemma G, De Franciscis P, Palumbo M, Viciglione F, Borrelli D, **Laganà AS**, Vizzielli G, Bifulco G, Giampaolino P. Spinal anesthesia vs general anesthesia in gynecological laparoscopic surgery: a systematic review and meta-analysis. *Gynecol Obstet Invest.* 2021 Dec 16. doi: 10.1159/000521364. Epub ahead of print.

366. **Laganà AS**, Garzon S. Topical Collection "Updates in obstetrics and gynecology": summary of the first year. *Clin Exp Obstet Gynecol.* 2021;48(6):1248-1249.

367. **Laganà AS**, Dababou S, Bosco M, Zorzato PC, Pomini P, Di Paola R, Uccella S, Raffaelli R, Franchi M. The role of hormone therapy before hysteroscopic myomectomy. *Clin Exp Obstet Gynecol.* 2021;48(6):1259-1266.

368. La Rosa VL, Ciebiera M, Zar ba K, Reyes-Muñoz E, Marques Cerentini T, Barra F, Garzon S, Riemma G, De Franciscis P, **Laganà AS**, Vitale SG. The Medical Training Evaluation Questionnaire (MeTrE-Q): a multidimensional self-report instrument for assessing the quality of midwifery students' education. *J Obstet Gynaecol.* 2021 Dec 20:1-8. doi: 10.1080/01443615.2021.1980511

369. Alkatout I, Mechler U, Mettler L, Pape J, Maass N, Biebl M, Gitas G, **Laganà AS**, Freytag D. The Development of Laparoscopy-A Historical Overview. *Front Surg.* 2021;8:799442.

370. Aimagambetova G, Terzic S, **Laganà AS**, Bapayeva G, la Fleur P, Terzic M. Contemporary Fertility-Sparing Management Options of Early Stage Endometrioid Endometrial Cancer in Young Nulliparous Patients. *J Clin Med.* 2021 Dec 30;11(1): 196. doi: 10.3390/jcm11010196.

371. Mikuš M, Fišter K, Škegro B, Buzzaccarini G, Noventa M, **Laganà AS**, Oreškovi S, ori M, Kalafati D, Banovi V. Comparison of efficacy of extracorporeal magnetic innervation and Kegel exercises for stress urinary incontinence in adult women: study protocol for a randomized controlled trial. *Prz Menopauzalny.* 2021;20(4):193-200. doi: 10.5114/pm.2021.110558.

372. Vetricka V, Fiala L, Garzon S, Buzzaccarini G, Terzic M, **Laganà AS**. Endometriosis and gynaecological cancers: molecular insights behind a complex machinery. *Prz Menopauzalny.* 2021;20(4):201-206. doi: 10.5114/pm.2021.111276.

373. Riva A, Buzzaccarini G, Vitagliano A, **Laganà AS**, Cucinella G, Gullo G. Progesterone: the key to success? *Clin Exp Obstet Gynecol.* 2022;49(2):36. doi: 10.31083/j.ceog4902036.

374. Buzzaccarini G, Vitagliano A, Busnelli A, Noventa M, Marin L, **Laganà AS**, Gullo G, Inghilleri M, Luciani S, Ambrosini G, Andrisani A. Perceived Elementary Grid (PEG) proposal for dyadic coping evaluation in the infertile couple during assisted reproductive treatments. *Clin Exp Obstet Gynecol.* 2022;49(2):40. doi: 10.31083/j.ceog4902040.

375. **Laganà AS**, Garzon S, Dababou S, Uccella S, Medvediev M, Pokrovenko D, Babunashvili EL, Buyanova SN, Schukina NA, Shcherbatykh Kaschchuk MG, Kosmas I, Licchelli M, Panese G, Tinelli A. Prevalence of intrauterine adhesions aftermyomectomy: a prospective multicenter observational study. *Gynecol Obstet Invest.* 2022. doi: 10.1159/000522583.

376. Cromi A, **Laganà AS**, Ghezzi F, Valdatta L, Casarin J, Cherubino M. Cosmetic outcomes of skin closure with tissue adhesive or staples in repeated cesarean section: A randomized controlled trial. *Eur J Obstet Gynecol Reprod Biol.* 2022;271:112-116. doi: 10.1016/j.ejogrb.2022.02.009.
377. **Laganà AS**, Monti N, Fedeli V, Gullo G, Bizzarri M. Does Alpha-lipoic acid improve effects on polycystic ovary syndrome? *Eur Rev Med Pharmacol Sci.* 2022;26(4):1241-1247. doi: 10.26355/eurrev20220228116.
378. 165.Gullo G, Scaglione M, Cucinella G, Riva A, Coldebella D, Cavaliere AF, Signore F, Buzzaccarini G, Spagnol G, **Laganà AS**, Noventa M, Zaami S. Congenital Zika Syndrome: Genetic Avenues for Diagnosis and Therapy, Possible Management and Long-Term Outcomes. *J Clin Med.* 2022;11(5):1351. doi: 10.3390/jcm11051351.
379. Gitas G, Ertan K, Baum S, Rody A, Pados G, Wihlfahrt K, Kotanidis C, Allahqoli L, **Laganà AS**, Sommer S, Alkatout I. Effect of tumor morcellation in patients with early uterine sarcoma: a multicenter study in Germany. *J Turk Ger Gynecol Assoc.* 2022. doi: 10.4274/jtgga.galenos.2022.2021.9-17.
380. 167.Strauß T, Greve B, Gabriel M, Achmad N, Schwan D, Espinoza-Sanchez NA, **Laganà AS**, Kiesel L, Poutanen M, Götte M, Schäfer SD. Impact of Musashi-1 and Musashi-2 Double Knockdown on Notch Signaling and the Pathogenesis of Endometriosis. *Int J Mol Sci.* 2022;23(5):2851. doi: 10.3390/ijms23052851.
381. Maniglio P, Noventa M, Tartaglia S, Petracca M, Bonito M, Ricciardi E, Ambrosini G, Buzzaccarini G, **Laganà AS**. The Obstetrician Gynecologist's role in the screening of infants at risk of severe plagiocephaly: Prevalence and risk factors. *Eur J Obstet Gynecol Reprod Biol.* 2022;272:37-42. doi: 10.1016/j.ejogrb.2022.03.011.
382. 169.Buzzaccarini G, Török P, Vitagliano A, Petousis S, Noventa M, Hortu I, Giannini A, **Laganà AS**. Predictors of Pain Development after Laparoscopic Adnexectomy: A Still Open Challenge. *J Invest Surg.* 2022. doi: 10.1080/08941939.2022.2056274.
383. **Laganà AS**, Veronesi G, Ghezzi F, Ferrario MM, Cromi A, Bizzarri M, Garzon S, Cosentino M. Evaluation of menstrual irregularities after COVID-19 vaccination: Results of the MECOVAC survey. *Open Med (Wars).* 2022;17(1):475-484. doi: 10.1515/med-2022-0452.

AMBITI DI RICERCA

Endometriosis, reproductive immunology, infertility, gynaecological endocrinology, laparoscopy, and hysteroscopy.