



## Curriculum vitae

### Alessandro Arena

Born in Potenza (Italy), 1<sup>st</sup> of May 1988

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#### Current position

**February 2022 – ongoing:** National Scientific qualification as associate in the Italian higher education system, for the disciplinary field of 06/H1 - Obstetrics and Gynaecology. Expiring date 08<sup>th</sup> of February 2031.

**September 2021 – ongoing:** Continuous teaching activities holding the following course units at University of Bologna - Alma Mater Studiorum:

- First cycle degree programme in Midwifery - Module of Gynecological Benign Pathology and Urogynecology
- First cycle degree programme in Nursing (Rimini and Ravenna Campus) - Module of Obstetrics and Gynecology
- Scientific Director of the II level International Master in Minimally Invasive Gynecologic Surgery ([master.unibo.it/immigs/en](http://master.unibo.it/immigs/en))
- Internship coordinator and tutor for the Degree program in Medicine and Surgery, sector of Gynaecology

**July 2020 – ongoing:** Junior Assistant Professor for the Department of Medical and Surgical Sciences “DIMEC”, University of Bologna – Alma Mater Studiorum and Consultant, Gynaecology and Human Reproduction Physiopathology, S. Orsola-Malpighi Academic Hospital (Supervisor: prof. Renato Seracchioli), Bologna, Italy.

**2019 – 2022:** PhD student in General Medical and Services Sciences of University of Bologna – Alma Mater Studiorum. Thesis title: **VOLUMETRIC GROWTH OF UTERINE MYOMAS: ANALYSIS OF THE RISK FACTORS** (Coordinator: prof. Fabio Piscaglia; Supervisor: prof. Renato Seracchioli).

#### Former experiences

**2014 – 2019:** Residency in Obstetrics and Gynaecology, University of Bologna – Alma Mater Studiorum, S. Orsola- Malpighi Academic Hospital. Vote: 110/110 cum laude. Thesis title: **“SURGICAL OUTCOMES OF LAPAROSCOPIC MYOMECTOMY IN PATIENTS PRETREATED WITH ULIPRISTAL ACETATE”**. Supervisor: Prof. Renato Seracchioli

**February 2014:** Registration to the Italian Medical Board (registered at “Ordine dei medici” of Potenza - Italy n. 3521)

**2007-2013:** Degree in Medicine and Surgery, Campus Bio-Medico University of Rome. Vote: 110/110 cum laude. Thesis title: **“THE ROLE OF NEW SERUM MARKER HE4 AS INDICATOR OF CLINICAL RESPONSE DURING THE FIRST LINE CHEMOTHERAPY IN OVARIAN CANCER: A PROSPECTIVE STUDY”**. Supervisor: Prof. Roberto Angioli.

**2002 – 2007:** High School Liceo Scientifico G. Galilei in Potenza, Italy. Vote: 100/100.

**Clinical, surgical activities and responsibilities**

**2014 – ongoing:** clinical activity as a resident and as Junior Assistant Professor in Gynaecology and Obstetrics:

- Management of gynaecological and obstetric departments.
- Management of the following outpatient clinics:
  - I and II level gynaecological ultrasound
  - Sonosalpingography and sonohysterography
  - Gynaecological oncology
  - Endometriosis and chronic pelvic pain
  - Diagnostic and operative hysteroscopy in outpatient setting
- Management of the surgical patient in the pre- and post-operative outpatient clinic
- Medical activities during on-call shifts (delivery room, emergency obstetric and gynaecological room)
- Surgical activities as first, second and third operator in the execution of gynaecological surgeries performed by laparotomy, laparoscopy, vaginal and obstetric surgery.

**Publications - Papers**

Raimondo D, [Arena A](#), Zannoni L, Spagnolo E, Ferrini G, Seracchioli R. **Reply: To PMID 25544711.** The Journal of Minimally Invasive Gynecology 2015 May-Jun;22(4):702-3. doi: 10.1016/j.jmig.2015.02.006.

Seracchioli R, Zanello M, [Arena A](#), Costantino C, Moro E, Zannoni L, Raimondo D. **New Laparoscopic Technique of Hysteropexy for Uterine Retrodisplacement: Bologna Technique.** The Journal of Minimally Invasive Gynecology; Jul – Aug 2016; 23(5):675. doi: 10.1016/j.jmig.2016.02.012.

Leggieri C, Guasina F, Casadio P, [Arena A](#), Pilu G, Seracchioli R. **Hysteroscopic Methotrexate Injection Under Ultrasonographic Guidance for Interstitial Pregnancy.** The Journal of Minimally Invasive Gynecology. 2016 Jul-Aug;23(5):675. doi: 10.1016/j.jmig.2016.02.012. Epub 2016 Feb 23.

Seracchioli R, Moro E, [Arena A](#), Leonardi D, Zanello M, Paradisi R, Mabrouk M, Raimondo D. **A New Laparoscopic Meshless Sacrocervicopexy for Central Compartment Prolapse: Bologna Sacrocervicopexy.** Videourology 2017, 31. <https://doi.org/10.1089/vid.2016.0048>.

Fràscà C, Degli Esposti E, [Arena A](#), Tuzzato G, Moro E, Martelli V, Seracchioli R. **Can In-Bag Manual Morcellation Represent an Alternative to Uncontained Power Morcellation in Laparoscopic Myomectomy? A Randomized Controlled Trial.** Gynecologic and Obstetric Investigation; 2018; 83(1):52-56. doi: 10.1159/000477171.

Raimondo D, Mabrouk M, Zannoni L, [Arena A](#), Zanello M, Benfenati A, Moro E, Paradisi R, Seracchioli R. **Severe ureteral endometriosis: frequency and risk factors.**

Journal of Obstetrics and Gynaecology; 2018 Feb; 38(2):257-260. doi: 10.1080/01443615.2017.1349083.

Mabrouk M, Raimondo D, Del Forno S, Baruffini F, [Arena A](#), Benfenati A, Youssef A, Martelli V, Seracchioli R. **Pelvic floor muscle assessment at 3-and 4-dimensional transperineal ultrasound in women with endometriosis, with or without retroperitoneal infiltration: a step towards complete functional assessment.** Ultrasound in Obstetrics & Gynecology; 2018 Aug; 52(2):265-268. doi: 10.1002/uog.18924.

Frasca C, Tuzzato G, [Arena A](#), Degli Esposti E, Zanello M, Raimondo D, Seracchioli R, **The Role of Pelvic Ultrasound in Preoperative Evaluation for Laparoscopic Myomectomy.** The Journal of Minimally Invasive Gynecology. 2018 May - Jun;25(4):679-683. doi: 10.1016/j.jmig.2017.08.661

Mabrouk M, Paradisi R, [Arena A](#), Del Forno S, Matteucci C, Zannoni L, Caprara G, Seracchioli R. **Short-term histopathological effects of Dienogest therapy on ovarian endometriomas: in vivo, non-randomized, controlled trial.** Gynecological Endocrinology. 2018 May;34(5):399-403. doi: 10.1080/09513590.2017.1405932

Seracchioli R, Raimondo D, [Arena A](#), Gava G, Parmeggiani C, Martelli V, Moro E, Zanello M, Paradisi R, Mabrouk M. **Laparoscopic Mesh-Less Cervicosacropey for Uterovaginal Prolapse.** Female Pelvic Medicine & Reconstructive Surgery; 2018 Nov/Dec;24(6):399-403. doi: 10.1097/SPV.0000000000000464.

Mabrouk M, Raimondo D, [Arena A](#), Iodice R, Altieri M, Sutherland N, Salucci P, Moro E, Seracchioli R. **Parametrial Endometriosis: the Occult Condition that Makes the Hard Harder.** The Journal of Minimally Invasive Gynecology. 2018 Aug 31. pii: S1553-4650(18)30441-2. doi: 10.1016/j.jmig.2018.08.022

Mabrouk M, Raimondo D, Altieri M, [Arena A](#), Del Forno S, Moro E, Mattioli G, Iodice R, Seracchioli R **Surgical, Clinical, and Functional Outcomes in Patients with Rectosigmoid Endometriosis in the Grey Zone: 13-Year Long-term Follow-up.** The Journal of Minimally Invasive Gynecology. 2018 Nov 8. pii: S1553-4650(18)31347-5. doi: 10.1016/j.jmig.2018.08.031

Seracchioli R, Raimondo D, Del Forno S, Leonardi D, De Meis L, Martelli V, [Arena A](#), Paradisi R, Mabrouk M. **Transvaginal and transperineal ultrasound follow-up after laparoscopic correction of uterine retrodisplacement in women with posterior deep infiltrating endometriosis.** Australian and New Zealand Journal of Obstetrics and Gynaecology. 2018 Aug 23. doi: 10.1111/ajo.12882

Seracchioli R, Raimondo D, [Arena A](#), Zanello M, Mabrouk M. **Clinical use of endovenous indocyanine green during rectosigmoid segmental resection for endometriosis.** Fertility and Sterility. 2018 Jun;109(6):1135. doi: 10.1016/j.fertnstert.2018.02.122

Seracchioli R, Mabrouk M, Mastronardi M, Raimondo D, [Arena A](#), Del Forno S, Mariani GA, Billi PAM, Manzoli PL, O'Guin PWM, Lemos PN. **Anatomic cartography of the hypogastric nerves and surgical insights for autonomic preservation during radical pelvic procedures.** The Journal of Minimally Invasive Gynecology. 2019 Jan 29. pii: S1553-4650(19)30054-8. doi: 10.1016/j.jmig.2019.01.010

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Mabrouk M, Arena A (CORRESPONDING AUTHOR), Raimondo D, Parisotto M, Caprara G, Seracchioli R. **Leyomiomatosis peritonealis disseminata associated with ovarian endometriosis in a patient submitted to hysteroscopic myomectomy.** Fertility and Sterility; 2019 Apr 25. pii: S0015-0282(19)30304-8. doi: 10.1016/j.fertnstert.2019.03.023

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Del Forno S, Mabrouk M, Arena A, Mattioli G, Giaquinto I, Paradisi R, Seracchioli R. **Dienogest or Norethindrone acetate for the treatment of ovarian endometriomas: Can we avoid surgery?** Eur J Obstet Gynecol Reprod Biol. 2019 Jul;238:120-124. doi: 10.1016/j.ejogrb.2019.04.010. Epub 2019 May 2.

Mabrouk M, Arena A (CORRESPONDING AUTHOR), Moro E, Raimondo D, Seracchioli R. **Deep Infiltrating Endometriosis and Spontaneous Hemoperitoneum: A Life-Threatening Situation Treated by Laparoscopy.** J Minim Invasive Gynecol. 2019 Jul 31. pii: S1553-4650(19)30324-3. doi: 10.1016/j.jmig.2019.07.020.

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Mabrouk M, Del Forno S, Spezzano A, Raimondo D, Arena A, Zanello M, Leonardi D, Paradisi R, Seracchioli R. **Painful Love: Superficial Dyspareunia and Three Dimensional Transperineal Ultrasound Evaluation of Pelvic Floor Muscle in Women with Endometriosis.** J Sex Marital Ther. 2019 Oct 15:1-10. doi: 10.1080/0092623X.2019.1676852.

Del Forno S, Degli Esposti E, Salucci P, Leonardi D, Iodice R, Arena A, Raimondo D, Paradisi R, Seracchioli R. **Liver function, tolerability and satisfaction during treatment with ulipristal acetate in women with fibroids: a single center experience.** Gynecol Endocrinol. 2019 Oct 24:1-3. doi: 10.1080/09513590.2019.1680626.

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- Raimondo D, Mattioli G, Casadio P, Borghese G, Ambrosio M, Arena A, Paradisi R, Del Forno S, Coppola F, Valerio D, Garattoni M, Golfieri R, Seracchioli R. **Frequency and clinical impact of Dolichocolon in women submitted to surgery for rectosigmoid endometriosis.** J Gynecol Obstet Hum Reprod. 2020 Apr;49(4):101697. doi: 10.1016/j.jogoh.2020.101697. Epub 2020 Feb 1.
- Zannoni L, Ambrosio M, Raimondo D, Arena A, Del Forno S, Borghese G, Paradisi R, Seracchioli R. **Question Mark Sign and Transvaginal Ultrasound Uterine Tenderness for the Diagnosis of Adenomyosis: A Prospective Validation.** J Ultrasound Med. 2020 Jul;39(7):1405-1412. doi: 10.1002/jum.15237. Epub 2020 Feb 7.
- Mabrouk M, Arena A (CORRESPONDING AUTHOR), Zanello M, Raimondo D, Seracchioli R. **Unicornuate uterus with noncommunicating functional horn: diagnostic workup and laparoscopic horn amputation.** Fertil Steril. 2020 Apr;113(4):885-887. doi: 10.1016/j.fertnstert.2019.12.003.
- Raimondo D, Borghese G, Mabrouk M, Arena A, Ambrosio M, Del Forno S, Degli Esposti E, Casadio P, Mattioli G, Mastronardi M, Seracchioli R. **Use of Indocyanine Green for Intraoperative Perfusion Assessment in Women with Ureteral Endometriosis: A Preliminary Study.** J Minim Invasive Gynecol. 2020 Apr 10:S1553-4650(20)30178-3. doi: 10.1016/j.jmig.2020.04.004
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- Raimondo D, Borghese G, Mastronardi M, Mabrouk M, Salucci P, Lambertini A, Casadio P, Tonini C, Meriggiola MC, Arena A, Tarozzi G, Seracchioli R. **Laparoscopic surgery for benign adnexal conditions under spinal anaesthesia: Towards a multidisciplinary minimally invasive approach.** J Gynecol Obstet Hum Reprod. 2020 Sep;49(7):101813. doi: 10.1016/j.jogoh.2020.101813. Epub 2020 May 16.
- Raimondo D, Mastronardi M, Mabrouk M, Cafagna G, Salucci P, Arena A, Iodice R, Borghese G, Casadio P, Del Forno S, Giaquinto I, Caprara G, Seracchioli R. **Rectosigmoid Endometriosis Vascular Patterns at Intraoperative Indocyanine Green Angiography and their Correlation with Clinicopathological Data.** Surg Innov. 2020 Jun 5:1553350620930147. doi: 10.1177/1553350620930147.
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- Zannoni L, Del Forno S, Raimondo D, Arena A, Giaquinto I, Paradisi R, Casadio P, Meriggiola MC, Seracchioli R. **Adenomyosis and endometriosis in adolescents and young women with pelvic pain: prevalence and risk factors.** Minerva Pediatr. 2020 Jun 16. doi: 10.23736/S0026-4946.20.05842-9.
- Casadio P, Youssef A, Arena A (CORRESPONDING AUTHOR), Gamal N, Pilu G, Seracchioli R. **Increased rate of ruptured ectopic pregnancy in COVID-19 pandemic:**

**analysis from the North of Italy.** *Ultrasound Obstet Gynecol.* 2020 Aug;56(2):289. doi: 10.1002/uog.22126.

Del Forno S, Arena A, Alessandrini M, Pellizzone V, Lenzi J, Raimondo D, Casadio P, Youssef A, Paradisi R, Seracchioli R. **Transperineal Ultrasound Visual Feedback Assisted Pelvic Floor Muscle Physiotherapy in Women With Deep Infiltrating Endometriosis and Dyspareunia: A Pilot Study.** *J Sex Marital Ther.* 2020;46(7):603-611. doi: 10.1080/0092623X.2020.1765057. Epub 2020 Jun 24.

Arena A, Degli Esposti E, Cristani G, Orsini B, Moro E, Raimondo D, Del Forno S, Lenzi J, Casadio P, Seracchioli R. **Comparison of fertility outcomes after laparoscopic myomectomy for barbed versus nonbarbed sutures.** *Fertil Steril.* 2021 Jan;115(1):248-255. doi: 10.1016/j.fertnstert.2020.07.036. Epub 2020 Sep 12.

Casadio P, Arena A, Salucci P, Raimondo D, Seracchioli R. **Laparoscopic cervicopexy for correction of apical genital prolapse in 10 steps: a pilot study.** *Int Urogynecol J.* 2020 Sep 25. doi: 10.1007/s00192-020-04536-6.

Casadio P, La Rosa M, Alletto A, Magnarelli G, Arena A, Fontana E, Fabbri M, Giovannico K, Virgilio A, Raimondo D, Guasina F, Paradisi R, Seracchioli R. **Fertility Sparing Treatment of Endometrial Cancer with and without Initial Infiltration of Myometrium: A Single Center Experience.** *Cancers (Basel).* 2020 Nov 29;12(12):E3571. doi: 10.3390/cancers12123571.

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Del Forno S, Arena A, Pellizzone V, Lenzi J, Raimondo D, Cocchi L, Paradisi R, Youssef A, Casadio P, Seracchioli R. **Assessment of pelvic floor muscles with 3D/4D transperineal ultrasound in women with deep infiltrating endometriosis and superficial dyspareunia treated with pelvic floor muscle physiotherapy: a randomized controlled trial.** *Ultrasound Obstet Gynecol.* 2021 Jan 11. doi: 10.1002/uog.23590 and **Reply.** *Ultrasound Obstet Gynecol.* 2021 May;57(5):850. doi: 10.1002/uog.23637.

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Arena A, Moro E, Degli Esposti E, Zanello M, Lenzi J, Casadio P, Seracchioli R, Perrone A, Lenzi M. **How much will it hurt? Factors associated with pain experience in women undergoing medication abortion during the first trimester.** Contraception. 2023 Mar;119:109916. doi: 10.1016/j.contraception.2022.11.007.

Andersson KL, Angioni S, Arena A, Arena S, Bartiromo L, Berlanda N, Bonin C, Candiani M, Centini G, Del Forno S, Donati A, Exacoustos C, Fuggetta E, Labanca L, Lazzeri L, Maiorana A, Maneschi F, Martire FG, Mattei A, Muzii L, Ottolina J, Perandini A, Perelli F, Pino I, Porpora MG, Remorgida V, Scaramuzzino S, Schimberni M, Seracchioli R, Solima E, Vignali M, Zupi E. **How to Manage Endometriosis in Adolescence: The ETIC Approach: ETIC, Endometriosis Treatment Italian Club.** J Minim Invasive Gynecol. 2023 Mar 29:S1553-4650(23)00117-6. doi: 10.1016/j.jmig.2023.03.017.

Casarin J, Ghezzi F, Mueller M, Ceccaroni M, Papadia A, Ferreira H, Uccella S, Malzoni M, Mabrouk M, Seracchioli R, Bordi G, Gisone BE, Vaineau C, Bogani G, Roviglione G, Arena A, Ambrosoli AL, Graf C, Bruni F, Bras R, Falcone F, Raimondo D, Giovanni AD, Cromi A. **Surgical Outcomes and Complications of Laparoscopic Hysterectomy for Endometriosis: a multicentric cohort study.** J Minim Invasive Gynecol. 2023 Mar 31:S1553-4650(23)00126-7. doi: 10.1016/j.jmig.2023.03.018

#### Publications - Abstract

Abstract oral presentation at ESGE 25<sup>th</sup> annual congress, Brussels, Belgium, 2-5 October 2016. **Prevalence and risk factors of ureteral compression in women with ureteral endometriosis.** D. Raimondo, M. Mabrouk, A. Arena, M. Zanello, E. Moro, R. Seracchioli.

Poster presentation at ESGE 25<sup>th</sup> annual congress, Brussels, Belgium, 2-5 October 2016. **Surgical outcomes of Bologna hysteropexy for uterine retrodisplacement.** D. Raimondo, M. Mabrouk, A. Arena, M. Zanello, E. Moro, R. Seracchioli.



Abstract Oral presentation at ESGE 26<sup>th</sup> annual congress, Antalya, Turkey, 18-21 October 2017. **Effects of preoperative ulipristal acetate on surgical outcomes of laparoscopic myomectomy: a pilot study.** E. Degli Esposti, C. Frascà, G. Tuzzato, A. Arena, M. Mabrouk, R. Seracchioli.

Abstract Oral presentation at ESGE 26<sup>th</sup> annual congress, Antalya, Turkey, 18-21 October 2017. **Transperineal 3D/4D ultrasound evaluation of pelvic floor muscles in women after nerve-sparing surgery for deep infiltrating endometriosis.** A. Arena, M. Mabrouk, S. Del Forno, D. Raimondo, L. Cocchi, R. Seracchioli.

Abstract Oral presentation at ESGE 26<sup>th</sup> annual congress, Antalya, Turkey, 18-21 October 2017. **When preoperative ultrasound is imprecise: impact of undetected myomas on surgical outcomes of laparoscopic myomectomy.** C. Frascà, A. Arena, E. Degli Esposti, G. Tuzzato, M. Mabrouk, R. Seracchioli.

Abstract at 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology, 12-16 November 2017, Greater Washington, D.C. **Anorectal Angle at Transperineal Ultrasound in Women with Rectal Endometriosis: Another Cause of Bowel Symptoms?** Arena A, Raimondo D, Del Forno S, Benfenati A, Baruffini F, Cocchi L, Mabrouk M, Seracchioli R.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Prevalence, risk factors and surgical outcomes of lateral parametrial endometriosis.** A Arena, M Mabrouk, D Raimondo, E Moro, R Iodice, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Superficial dyspareunia and pelvic floor muscle evaluation with transperineal 3D ultrasound in women affected by endometriosis: a prospective study.** A Spezzano, M Mabrouk, S Del Forno, A Arena, P Salucci, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Pelvic floor dysfunctions and voiding alterations in women with posterior deep endometriosis: a prospective study with 3D/4D transperineal ultrasound.** M Parisotto, M Mabrouk, D Raimondo, A Arena, D Leonardi, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Surgical, clinical and functional outcomes in patients with recto-sigmoid endometriosis and pre-operative intermediate risk of bowel segmental resection.** M Altieri, M Mabrouk, D Raimondo, A Arena, G Mattioli, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Unknown origin of bleeding: a life-threatening situation in women affected by endometriosis.** A Arena, M Mabrouk, E Moro, M Parisotto, S Del Forno, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Anatomical and surgical insights for hypogastric nerves' preservation during pelvic retroperitoneal dissection.** M Mastronardi, M Mabrouk, D Raimondo, A Arena, L Manzoli, R Seracchioli.

Abstract Oral presentation at ESGE 27<sup>th</sup> annual congress, Vienna, Austria, 7-10 October 2018. **Diagnosis and laparoscopic management of hematometra in patient with hemi uterus and rudimentary uterine horn.** A Arena, M Mabrouk, M Zanello,

D Raimondo, S Del Forno, R Seracchioli.

Abstract Oral presentation at ESGE 28<sup>th</sup> annual congress, Thessaloniki, Greece, 6-9 October 2019 **Ultrasound evaluation of uterine contractility in women affected by adenomyosis: a prospective study.** A Arena, E Degli Esposti, E Moro, M Zanello, C Ricchiuti, R Seracchioli.

Abstract Oral presentation at ESGE 28<sup>th</sup> annual congress, Thessaloniki, Greece, 6-9 October 2019 **Pelvic floor muscle physiotherapy in women with deep infiltrating endometriosis and superficial dyspareunia: preliminary data from a randomised controlled trial.** A Arena, S Del Forno, V Pellizzone, M Alessandrini, M Mabrouk, R Seracchioli

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **Anxiety levels before and after the first outpatient evaluation for endometriosis at an academic center: results from a large cohort.** E Degli Esposti, A Arena, B Orsini, R Iodice, AC Aru, R Seracchioli.

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **How the SARS-CoV-2 pandemic affected women with endometriosis: results from a prospective online survey.** L Verrelli, A Arena, B Orsini, E Degli Esposti, G Rovero, R Seracchioli.

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **Three-Dimensional ultrasound evaluation of pelvic floor muscle contraction in women affected by deep infiltrating endometriosis: application of a quick contraction scale.** L Cocchi, A Arena, B Orsini, E Degli Esposti, S Del Forno, R Seracchioli.

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **The social media era: the impact of fake news on women affected by endometriosis.** B Orsini, A Arena, L Verrelli, G Rodondi, F Renzulli, R Seracchioli.

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **The impact of web navigation for patients affected by endometriosis during first outpatient visit.** M Altieri, A Arena, E Degli Esposti, P Salucci, A Raspollini, R Seracchioli.

Abstract Oral presentation at ESGE 30<sup>th</sup> annual congress, Roma, Italy, 3-5 October 2021 **Prevalence of adenomyosis among patients who undergone postpartum hysterectomy.** S Martone, E Pieri, F Maneschi, A Arena, R Seracchioli, E Zupi.

Abstract Oral presentation at ISUOG 32<sup>nd</sup> annual congress, London, United Kingdom, 16-18 Settembre 2022 **OP06.06: Ultrasound features of adenomyosis in women with postpartum hemorrhage.** A Raspollini, S Del Forno, D Leonardi, A Arena, E Montaguti, L De Meis, E Moro, J Diglio, M Cofano, E Degli Esposti, V Arosio, M Lenzi, R Seracchioli, G Pilu.

Abstract Oral presentation at ESGE 31<sup>st</sup> annual congress, Lisbon, Portugal, 2-5 Ottobre 2022 **Intraoperative use of endovenous indocyanine green for real-time visualization of adnexal re-perfusion in case of adnexal torsion.** M Altieri, L Verrelli, A Arena, P Casadio, E Degli Esposti, R Seracchioli.

Abstract Oral presentation at ESGE 31<sup>st</sup> annual congress, Lisbon, Portugal, 2-5

Ottobre 2022 **Does women's psychological issues affect severe pain in women undergoing medical abortion?** AC Aru, A Arena, A Raspollini, E Degli Esposti, E Moro, R Seracchioli.

Abstract Oral presentation at ESGE 31<sup>st</sup> annual congress, Lisbon, Portugal, 2-5 Ottobre 2022 **The impact of hormonal therapy on uterine fibroids' growth: a prospective observational study.** E Degli Esposti, E Pazzaglia, F Renzulli, B Orsini, A Arena, R Seracchioli.

Abstract Oral presentation at ESGE 31<sup>st</sup> annual congress, Lisbon, Portugal, 2-5 Ottobre 2022 **Prevalence of adenomyosis among patients who undergone postpartum hysterectomy.** S Martone, L Lazzeri, A Arena, M Giorgi, R Seracchioli, E Zupi.

#### Publications - Books

**Trattato di chirurgia ostetrica e ginecologica** by Enrico Vizza, Fabio Ghezzi, Giovanni Scambia, Paolo Scollo. Editor: EDRA. Chapter: **“Laparoscopic myomectomy - Miomectomia Laparoscopica”**; Authors: R. Seracchioli, M. Mabrouk, D. Raimondo, A. Arena.

#### International Meeting attended as Speaker and/or Faculty Member

Speaker and Faculty Member **European Society for Gynaecological Endoscopy - ESGE 26th annual congress.** 18-21/10/2017, Antalya, Turkey

Speaker for the Course **International Course of Gynecological Endoscopy. Every day surgery – EndoBo.** University of Bologna, Policlinico Sant’Orsola – Malpighi, 26-29/11/2018.

Speaker for the **20<sup>th</sup> annual conference of the Department of Obstetrics & Gynecology of Cairo University**, Grand Nile Tower Hotel, Cairo, Egypt, 21-22/03/2019.

Speaker for the **1st SMART-ENDO – 15° Congresso Nazionale SEGI (Società Italiana di Endoscopia Ginecologica)** 22-24/06/2020, on-line webinar.

Speaker for the **XIV International Biennial Meeting “Daniel Dargent” Planned Objectives in Gynecology**, 26-28/05/2022, Maratea, Italy.

Speaker for the International Conference **“Endometriosis: an up to date”**, 1-3/12/2022, Siena, Italy.

#### Trial participations

Sub-Investigator for the clinical trial NCT03572075, registered at clinicaltrials.gov, **Physiotherapy of the Pelvic Floor in Women with Deep Infiltrating Endometriosis (endofisio-01)**

Principal Investigator for the clinical trial NCT03828591, registered at clinicaltrials.gov, **Endometriosis and Psychological Support (ENDO.PS)**

Investigator for the multicentric study: **“Evaluation of the clinical efficacy of oncological biomarkers in the diagnosis of pelvic masses through the application of a research methodology based on clinical practice”**, proposed by Centro Regionale Biomarcatori Diagnostici, Prognostici, predittivi - CRIBT – Ospedale Civile

– Regione Veneto – ULSS3 Venice, Italy.

### Awards

Award for the congress **European Society for Gynaecological Endoscopy - ESGE 27th annual congress, Wien, Austria, 7-10 October 2018**, with the abstract **Diagnosis and laparoscopic management of hematometra in patient with hemi uterus and rudimentary uterine horn** (Authors: [A Arena](#), M Mabrouk, M Zanello, D Raimondo, S Del Forno, R Seracchioli), best selected for plenary session.

YEP Award (Arnaud Wattiez) for Best Young Endoscopist Platform Presentation for the congress **European Society for Gynaecological Endoscopy - ESGE 28th annual congress, Thessaloniki, Greece, 6-9 October 2019**, for the abstract **Ultrasound evaluation of uterine contractility in women affected by adenomyosis: a prospective study** (Authors: [A Arena](#), E Degli Esposti, E Moro, M Zanello, C Ricchiuti, R Seracchioli).

### Membership in scientific societies, editorial responsibilities

Reviewer for several papers of international gynaecologic journals

Associate editor for the Journal **"Annals of Medicine"** (section: Pregnancy, Childbirth & Women's Health) - 2021 5-Year Impact Factor: 5.348

Junior Deputy for the **Special Interest Group "Reproductive Surgery"** of **ESHRE** - European Society of Human Reproduction and Embryology

Member of **Steering Committee dell'ECRES** - ESHRE Certification for Reproductive Endoscopic Surgeons

Member of Club **ETIC** - Endometriosis Treatment Italian Group

Member of **SEGI** - Società Italiana di Endoscopia Ginecologica

Member of **ESGE** - European Society for Gynaecological Endoscopy

Member of **AAGL** - American Association of Gynecologic Laparoscopists

### Language skills

**Italian:** Mother tongue

**English:** C1 (self-certificated)

### Computer skills and competences

Advanced level for the use of Microsoft Office package (Word, Excel; Powerpoint), of images and videos processing software (Windows Movie Maker, Adobe Premiere, Adobe Photoshop) and medical statistics software (SPSS - Statistical Package for Social Science).

### Other skills

Italian driving license A and B. Former water polo player.

**Founder of Bologna Ob/Gyn Journal Club** ([facebook.com/Bologna-ObGyn-Journal-Club-106890304900420](https://www.facebook.com/Bologna-ObGyn-Journal-Club-106890304900420)).