

Curriculum Vitae



Personal information

First name (s) / Surname (s)	Salvatore Andrea, MASTROLIA
E-mail	mastroliasa@gmail.com
Nationality	Italian
Date of birth	09.10.1984

Work experiences

Date	From July 2016
Principal subjects/occupational skills covered	Senior physician
Name and type of organization	Istituto per la Sicurezza Sociale Cailungo, Repubblica di San Marino

Education and training

Dates	From July 2013 to February 2016
Principal subjects/occupational skills covered	International Fellowship Program for Advanced Training in Obstetrics high risk pregnancy, 5 months ultrasound unit, 5 months labor and delivery room, 22 months fetal echocardiography, 2 months (every Sunday during rotation in delivery room)
Name and type of organization providing education and training	Soroka Medical Center Yitskhak Rager, 84895 Be'er Sheva (Israel)
Date	24 th June 2016
Name and type of organization providing education and training	Università degli Studi di Bari "Aldo Moro" Piazza Giulio Cesare n° 11, 70124 Bari (Italy)
Title of qualification awarded	Title of certified of Obstetrician and Gynecologist (vote 70/70 e lode con plauso accademico) with thesis entitled: "Glutamate increased concentration in maternal blood in women with severe preeclampsia: a clue coming from the brain?"

Date	22th July 2010
Title of qualification awarded	Degree in Medicine and Surgery (vote 110/110 e lode con plauso accademico) with thesis in Obstetrics and Gynaecology titled: "Heterotopic autotransplantation of the ovary with microvascular anastomosis: a new technique".
Name and type of organization providing education and training	Università degli Studi di Bari "Aldo Moro" Piazza Giulio Cesare n° 11, 70124 Bari (Italy)
Dates	From September 2009 to May 2010
Principal subjects/occupational skills covered	Internee in the Department of Obstetrics and Gynaecology
Name and type of organization providing education and training	Universidad de La Laguna, Ofra s/n, 38320 La Cuesta, Tenerife (Spain)
Dates	From November 2007 to September 2009
Principal subjects/occupational skills covered	Internee in the Department of Obstetrics and Gynaecology
Name and type of organization providing education and training	Università degli Studi di Bari "Aldo Moro" Piazza Giulio Cesare n° 11, 70124 Bari (Italy)
Dates	From September 1998 to July 2003
Title of qualification awarded	High school diploma (vote 100/100)
Name and type of organization providing education and training	Liceo Scientifico "Leonardo da Vinci" Via Cala dell'Arciprete n°1, 70052 Bisceglie, BT (Italy)

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level (*)

Spanish

English

French

Hebrew

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
B2	Independent user	C2	Proficient user	B2	Independent user	C2	Proficient user	C2	Proficient user
A2	Basic user	B1	Independent user	A1	Basic user	A1	Basic user	A2	Basic user
A2	Basic user	A1	Basic user	A2	Basic user	A2	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Additional information

Scientific publications:

1. Preterm labor: epidemiology, and long-term disease of the mother. In: The Long Term Impact of Medical Complications in Pregnancy: A Window into Maternal and Fetal Future Health. Edited by Eyal Sheiner. CRC press. Taylor & Francis Group [Accepted for publication]
2. Loverro G, Resta L, Dellino M, Di Naro E, Cascarano MA, Loverro M, Mastrolia SA. Uterine and ovarian changes during testosterone administration in young female-to-male transsexuals. Taiwan J Obstet Gynecol. 2016 [Accepted for publication]
3. Yohay D, Baumfeld Y, Zilberstein T, Yaniv Salem S, Elharar D, Idan I, Mastrolia SA, Sheiner E. Does gender of the fetus have any relation with fetal heart monitoring during the first and second stage of labor? J Matern Fetal Neonatal Med. 2016 Mar 22:1-19. [Epub ahead of print]
4. Hamou B, Wainstock T, Mastrolia SA, Beer-Weisel R, Staretz-Chacham O, Dukler D, Rafaeli-Yehudai T, Mazor M, Erez O. Induction of labor in twin gestation: lessons from a population based study. J Matern Fetal Neonatal

Med. 2016 Mar 8:1-9. [Epub ahead of print]

5. Mastrolia SA, Erez O, Loverro G, Di Naro E, Weintraub AY, Tirosh D, Baron J, HersHKovitz R. Ultrasonographic approach to diagnosis of fetal inflammatory response syndrome: a tool for at-risk fetuses? *Am J Obstet Gynecol.* 2016 Jan 25. [Epub ahead of print] Review.
6. Baron J, HersHKovitz R, Baumfeld Y, Imterat M, Sciaky-Tamir Y, Mastrolia SA, Schwarzman P, Weintraub AY. Postpartum uterine artery blood flow impedance following cesarean section or vaginal delivery. *J Clin Ultrasound.* 2015 Dec 15. [Epub ahead of print]
7. Mastrolia SA, Baumfeld Y, Loverro G, Yohai D, HersHKovitz R, Weintraub AY. Placenta previa associated with severe bleeding leading to hospitalization and delivery: a retrospective population-based cohort study. *J Matern Fetal Neonatal Med.* 2016 Jan 14:1-5. [Epub ahead of print]
8. Early onset preeclampsia and cerebral palsy: a double hit model? Mor O, Stavsky M, Yitshak-Sade M, Mastrolia SA, Beer-Weisel R, Rafaeli-Yehudai T, Besser L, Hamou B, Mazor M, Erez O. *Am J Obstet Gynecol.* 2016 Jan;214(1):105.e1-9. Epub 2015 Aug 15.
9. Nandor Gabor Than, Roberto Romero, Andrea Balogh, Eva Karpati, Salvatore Andrea Mastrolia, Orna Staretz-Chacham, Sinuhe Hahn, Offer Erez, Zoltan Papp, Chong Jai Kim. Galectins: Double Edged Swords in the Cross-roads of Pregnancy Complications and Female Reproductive Tract Inflammation and Neoplasia. *J Pathol Transl Med.* 2015;49(3):181-208. Published online 2015 May 15. DOI: <http://dx.doi.org/10.4132/jptm.2015.02.25>
10. Loverro G, Resta L, Di Naro E, Caringella AM, Mastrolia SA, Vicino M, Tartagni M, Schonauer LM. Conservative Treatment of Ewing's Sarcoma of the Uterus in Young Women. *Case Rep Obstet Gynecol.* 2015;2015:871821. doi: 10.1155/2015/871821. Epub 2015 Apr 15.
11. Mastrolia SA, Mazor M, Holcberg G, Leron E, Beharier O, Loverro G, Erez O.

The physiologic anticoagulant and anti-inflammatory role of heparins and their utility in the prevention of pregnancy complications. *Thromb Haemost.* 2015 Apr 9;113(6). [Epub ahead of print]

12. Erez O, Mastrolia SA, Thachil J. Disseminated intravascular coagulation in pregnancy: insights in pathophysiology, diagnosis and management. *Am J Obstet Gynecol.* 2015 Mar 31. pii: S0002-9378(15)00335-X. doi: 10.1016/j.ajog.2015.03.054. [Epub ahead of print] Review.
13. Schwarzman P, Baumfeld Y, Bar-Niv Z, Baron J, Mastrolia SA, Sheiner E, Mazor M, HersHKovitz R, Weintraub AY. The effect of non-obstetric invasive procedures during pregnancy on perinatal outcomes. *Arch Gynecol Obstet.* 2015 Mar 25. [Epub ahead of print]
14. Mastrolia SA, Weintraub AY, Sciaky-Tamir Y, Tirosh D, Loverro G, HersHKovitz R. Placental calcifications: a clue for the identification of high-risk fetuses in the low-risk pregnant population? *J Matern Fetal Neonatal Med.* 2015 Mar 19:1-7. [Epub ahead of print]
15. Vinograd A, Wainstock T, Mazor M, Mastrolia SA, Beer-Weisel R, Klaitman V, Dukler D, Hamou B, Benshalom-Tirosh N, Vinograd O, Erez O. A prior placenta accreta is an independent risk factor for post-partum hemorrhage in subsequent gestations. *Eur J Obstet Gynecol Reprod Biol.* 2015 Apr;187:20-4. doi: 10.1016/j.ejogrb.2015.01.014. Epub 2015 Jan 23.
16. Quaranta M, Erez O, Mastrolia SA, Koifman A, Leron E, Eshkoli T, Mazor M, Holcberg G. The physiologic and therapeutic role of heparin in implantation and placentation. *PeerJ.* 2015 Jan 6;3:e691. doi: 10.7717/peerj.691. eCollection 2015. Review
17. Mastrolia SA, Di Naro E, Schonauer LM, Loverro MT, Indellicati B, Barnaba M, Loverro G. Vaginal treatment of vaginal cuff dehiscence with visceral loop prolapse: a new challenge in reparative vaginal surgery? *Case Rep Obstet Gynecol.* 2014;2014:257398. doi: 10.1155/2014/257398. Epub 2014 Nov 24.

18. Mastrolia SA, Weintraub AY, Baron J, Sciaky-Tamir Y, Koifman A, Loverro G, HersHKovitz R. Antenatal diagnosis of idiopathic arterial calcification: a systematic review with a report of two cases. Arch Gynecol Obstet. 2014 Dec 19. [Epub ahead of print]
19. Mastrolia SA, Mazor M, Loverro G, Klaitman V, Erez O. Placental vascular pathology and increased thrombin generation as mechanisms of disease in obstetrical syndromes. PeerJ. 2014 Nov 18;2:e653. doi: 10.7717/peerj.653. eCollection 2014.
20. Mastrolia SA, Mandola A, Mazor M, HersHKovitz R, Mesner O, Beer-Weisel R, Besser L, Shelef I, Loewenthal N, Golan A, Gruzman I, Erez O. Antenatal diagnosis and treatment of hypothyroid fetal goiter in an euthyroid mother: a case report and review of literature. J Matern Fetal Neonatal Med. 2014 Dec 8:1-7. [Epub ahead of print]
21. Troyano-Luque J, Padilla-Pérez A, Martínez-Wallin I, Alvarez de la Rosa M, Mastrolia SA, Trujillo JL, Pérez-Medina T. Short and long term outcomes associated with fetal cholelithiasis: a report of two cases with antenatal diagnosis and postnatal follow-up. Case Rep Obstet Gynecol. 2014;2014:714271. doi: 10.1155/2014/714271. Epub 2014 Sep 30.
22. Baron J, Weintraub AY, Sciaky Y, Mastrolia SA, Speigel E, HersHKovitz R. Umbilical artery blood flows among pregnancies with single umbilical artery- A prospective case control study. J Matern Fetal Neonatal Med. 2014 Sep 29:1-11. [Epub ahead of print]
23. Loverro G, Di Naro E, Mastrolia SA, Caringella AM, Vicino M. Presacral retroperitoneal teratoma in a 24 year old woman. J Gyn Surg. 2014; 30: 158-161
24. Pariente G, Peles C, Perri ZH, Baumfeld Y, Mastrolia SA, Koifman A, Weintraub AY, HersHKovitz R. Meconium-stained amniotic fluid - risk factors and immediate perinatal outcomes among SGA infants. J Matern Fetal Neonatal Med. 2014 Jul 30:1-4.

25. MASTROLIA SA, Caringella AM, Vicino M, Loverro M, Di Naro E. Uterine incisional necrosis after cesarean delivery in a patient with uterine mioma. *Minerva Ginecol.* 2013 Aug;65(4):485-6.
26. MASTROLIA SA, Alvarez-Arguelles H, Carballo J, Amaya F, de la Torre Fernández de Vega J. Steroid cell tumor (NOS), of the ovary associated to high levels of CA-125: a case report. *Gynecol Surg.* 2011;8:231–233
27. Cicinelli E, Tinelli R, Colafiglio G, Pastore A, MASTROLIA S, Lepera A, Clevin L. Reliability of narrow-band imaging (NBI) hysteroscopy: A comparative study. *Fertil Steril.* 2010 Nov;94(6):2303-7
28. Cicinelli E, Tinelli R, Colafiglio G, Fortunato F, Fusco A, MASTROLIA S, Fucci AR, Lepera A. Risk of long-term pelvic recurrences after fluid minihysteroscopy in women with endometrial carcinoma: a controlled randomized study. *Menopause.* 2010;17(3):511-5.
29. Cicinelli E, Tinelli R, Colafiglio G, MASTROLIA SA, Lepera A, Pinto V. Reliability of the diagnostic fluid mini-hysteroscopy in the diagnosis of intrauterine pathologies. *Minerva Ginecol.* 2009;61(5):431-7.

Abstracts and material presented to National and International Conventions

1. Benschalom-Tirosh N, Tirosh D, Douvdevani A, Imterat M, Mastrolia SA, Riff R, Beer-Weisel R, Klaitman V, Greenbaum S, Alioshin A, Rodavsky G, Basso A, Erez O. Maternal total cell-free DNA in different phenotypes of the preterm parturition syndrome, preterm labor and preterm PROM. *Am J Obstet Gynecol.* 2016 (supplement); 214 (1): S220
2. Erez O, Rafaeli-Yehudai T, Imterat M, Douvdevani A, Benschalom-Tirosh N, Tirosh D, Mastrolia SA, Beer-Weisel R, Klaitman V, Riff R, Dukler D, Greenbaum S, Alioshin A, Rodavsky G, Loverro G, Catalano MR. Maternal total cell free DNA in preeclampsia and IUGR: evidence for differences in

- maternal and fetal responses for abnormal implantation. *Am J Obstet Gynecol.* 2016 (supplement); 214 (1): S316
3. Erez O, Brzezinski Sinai N, Rafaeli-Yehudai T, Imterat M, Mastrolia SA, Yitshak-Sade M, Stavsky M. How to manage isolated oligohydramnios at late preterm? Lessons from a population based study. *Am J Obstet Gynecol.* 2016 (supplement); 214 (1): S393
 4. Taran B, Mastrolia SA, Kachko E, Eshkoli T, Beer-Weisel R, Dukler D, Novack L, Mazor M, Erez O. Epidemiological and clinical characteristics of single vs recurrent episodes of preeclampsia. *Am J Obstet Gynecol.* 2015 (supplement); 212 (1): S357
 5. Mor O, Stavsky M, Mastrolia SA, Hamou B, Beer-Weisel R, Rafaeli T, Besser L, Mazor M, Erez O. Preeclampsia, SGA and cerebral palsy: lesson from a population-based study. *Am J Obstet Gynecol.* 2015 (supplement); 212 (1): S365
 6. Baron J, Weintraub AY, Spiegel E, Sciaky Y, Mastrolia SA, Hershkovitz R. Blood flows in pregnancies with isolated single umbilical artery (SUA): a prospective case control study. *Ultrasound Obstet Gynecol.* 2014 (supplement); 44(1):85
 7. Besser L, Novack L, Mazor M, Zoabi L, Weintraub A, Beer-Wiesel R, Rafaeli T, Hamou B, Staretz-Chacham O, MASTROLIA SA, Erez O. Is a single episode of preterm contractions subsequently resulting in a term delivery associated with reduced fetal growth? *Reprod Sci.* 2014 (supplement); 21 (3): 132A
 8. Tsemah T, Erez O, Novack L, Mazor M, Rafaeli T, Staretz-Chacham O, Beer Wiesel R, Klaitmann-Mayer V, MASTROLIA SA. When to induce near term IUGR fetus? Lessons from a population based study. *Am J Obstet Gynecol.* 2014 (supplement); 210 (1): S73
 9. Kedar T, Erez O, Mazor M, Perl Y, Novack L, Beer Wiesel R, Besser L, MASTROLIA SA, Hamou B. Severe maternal infectious morbidity during the second half of pregnancy is an independent risk factor for SGA neonate. *Am*

10. Troyano JM, MASTROLIA SA, Alvarez de la Rosa M, Padilla AI, Martinez-Wallin I. Il pavimento pelvico femminile. Anatomia descrittiva e applicazioni cliniche mediante ecografia transvaginale. Atti 10° Corso di Aggiornamento Teorico Pratico in Medicina Embrio-Fetale e Perinatale AOGOI, Cagliari, Italy, May 2010 (pag. 165-183)
11. Colafiglio G, Armenio A, Minoia G, MASTROLIA SA, Pastore A, Sciorsci RL, Fucci MR, Tinelli R. Trapianto ovarico: tecnica e primi risultati. Atti 2° Congresso Nazionale della Federazione Italiana di Ostetricia e Ginecologia. Torino (Italy), December 2009
12. Cicinelli E, Colafiglio G, MASTROLIA SA, Pastore A, Salvia D, Clevin L. Fluid Hysteroscopy with NBI (Narrow Band Imaging): A Preliminary Experience. Proceedings from the 38th Global Congress of Minimally Invasive Gynecology. Annual Meeting of the AAGL. Orlando (USA), November 15-19, 2009. Journal of Minimally Invasive Gynecology 2009; Vol 16, Suppl. 6
13. Cicinelli E, Colafiglio G, MASTROLIA SA, Pastore A, Loiudice L, Clevin L. Isteroscopia con NBI (narrow band imaging): studio preliminare. Atti Congresso Annuale SEGI. Bologna (Italy), June 2009.
14. Cicinelli E, Colafiglio G, Pastore A, MASTROLIA S, Fucci AM, Tortorella C, Sciorsci R, Viggiano L. Vascular endothelial growth factor expression in the endometrium of women affected by chronic endometritis. Atti 13th World Congress of Human Reproduction. Venezia (Italy), March 2009.

Acknowledgments:

- Best student during the five years 1998-2003, at Liceo Scientifico Leonardo da Vinci, Bisceglie, BT (Italy) awarded by Rotary International, Club of Bisceglie, Barletta-Andria-Trani (Italy). October 2003.

- DELE (Diploma de Español como Lengua Extranjera) language certification B2 level. Facultad de Filología. Campus de Guajara s/n, 38071 La Laguna, Tenerife (Spain). 30.07.2010.
- Basic Life Support Defibrillation certification. Centro di formazione in rianimazione cardiopolmonare. Polo didattico regionale (ASL BA). 27.11.2010.
- Recognition of merit for curriculum studiorum awarded by the jury for the Prize Virgilio Chini, Area V^ Museo Biblioteca Archivio, Via Museo 12, Bassano del Grappa, Vicenza (Italy). 01.02.2011.
- Approval of the University Italian title degree in Medicine and Surgery at the Spanish title of Licenciado en Medicina. Ministerio de Educación. Subdirección general de títulos y reconocimiento de cualificaciones. 01.06.2011
- Teaching activity in the project “Precorsi 2011”, at the faculty of Medicine and Surgery, University of Bari “Aldo Moro”. August 2011.
- DELE (Diploma de Español como Lengua Extranjera) language certification C1 level. Facoltà di Lingue. Università degli Studi di Bari “Aldo Moro”, via Garruba 6/b, 70122, Bari (Italia). 25.05.2012
- Teaching activity in the project “Precorsi 2012”, at the faculty of Medicine and Surgery, University of Bari “Aldo Moro”. August 2012

Scientific societies:

- SPIGC (Società Polispecialistica Italiana dei Giovani Chirurghi) for the District of Puglia from April 2014
- District reference figure in Puglia for SIMP (Società Italiana di Medicina

Perinatale)

Editorial and reviewer activity

- Editorial board of Journal of Clinical Case Studies from 2014
- Editorial board of Journal of Clinical Case Reports from 2014
- Editorial board of Austin Journal of Urology from 2014
- Editorial board of International Journal of Gynecology and Clinical Practices from 2014
- Reviewer OMICS from 2013
- Reviewer for World Journal of Surgical Oncology from 2014
- Reviewer for Peer J from 2013
- Reviewer for Biomedical Signal Processing and Control from 2015
- Review Editor for Frontiers in Pediatrics from 2015
- Editorial Board of SpringerPlus from January 2016
- Reviewer for The International Journal for Quality in Health Care from January 2016
- Reviewer for International Journal for Quality in Health Care from January 2016
- Editorial Board of BAOJ Gynecology from February 2016
- Editorial Board of Annals of Reproductive Medicine and Treatment from February 2016

Invited lectures

- A case of fetal goiter in euthyroid mother and review of literature. Soroka Medical Center, Beer Sheva, Israel. October 2013
- Idiopathic fetal arterial calcification. Soroka Medical Center, Beer Sheva, Israel. March 2014
- Diagnosis of fetal abnormal presentation and positions. "Il parto nel terzo millennio nuovi orientamenti", Bari, April 2014

- Heparin and pregnancy. Soroka Medical Center, Beer Sheva, Israel. September 2014
- Fetal arterial calcification. Meeting of the Israeli Society for Ultrasound in Obstetrics and Gynecology. January 2015

Attendance at conferences and conventions:

- "Neuroscienze: dalle molecole alla mente per una Medicina della Persona", Bari. March 2004.
- "HPV: dallo screening al vaccino", Bari. May 2008.
- "Aggiornamenti in Medicina Interna. Convegno di autunno", Bari. December 2008
- "Alimentazione e supplementazione in gravidanza ed allattamento", Bari. October 2010.
- "Donna oggi: essere e benessere", 86° Congresso SIGO, 51° Congresso AOGOI, Milano. November 2010
- "Il Breast Club Puglia e la scuola ACOI di chirurgia senologica incontrano i giovani chirurghi", Bari. April 2011
- "La Miomectomia Endoscopica", Bari. October 2011
- "Benessere materno e tutela del nascituro: quando il ginecologo non basta. Complementarietà e sinergie", Bari. February 2012
- "Corso Avanzato di Anatomia Chirurgica Laparoscopica in Ginecologia Oncologica ed endometriosi profonda", Bologna. February 2012
- "Patologie neoplastiche in gravidanza", Bari. June 2012
- "Corso Regionale AOGOI Puglia. La salute della donna", Ostuni. February 2013
- "XXV Congresso Nazionale SPIGC", Bari. June 2013
- "34th Annual Meeting. The pregnancy meeting. Society for Maternal Fetal-Medicine", New Orleans. February 2014

- "61th annual meeting, Society for Gynecologic Investigation", Florence. March 2014
- "Il parto nel terzo millennio nuovi orientamenti", Bari, April 2014
- "Management ostetrico e neonatologico del travaglio e del parto prematuro", Bari. December 2014
- "35th Annual Meeting. The pregnancy meeting. Society for Maternal Fetal-Medicine", San Diego. February 2015
- "18° Congresso Nazionale della Società Italiana di Medicina Perinatale (SIMP)", Assisi. December 2015
- "Nuove prospettive terapeutiche in oncologia ginecologica", Bari. March 2016.

Scientific societies:

- SPIGC (Società Polispécialistica Italiana dei Giovani Chirurghi) President for the District of Puglia from April 2014 to November 2015
- SIMP (Società Italiana di Medicina Perinatale) district reference figure in Puglia from May 2015 to July 2016