

CURRICULUM VITAE

PERSONAL DETAILS

Name: Edin Medjedovic
Title: MD, Gynecologist-obstetrician, Master of Ultrasound in Gyn/Ob, PhD
Date/place of birth: September 4th 1974, Novi Pazar, Serbia
Foreign languages: English
E-mail: medjedovic.e@gmail.com
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Current employment: physician, a specialist in Gynecology and obstetrics, a subspecialist in Fetal medicine and obstetrics - Clinical Center of the University of Sarajevo (KCUS), Obstetrics Clinic; Assistant professor - subject "Gynecology, Obstetrics and Reproductive Medicine", School of Medicine, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina
Assistant professor - subject „Gynecology and Obstetris“, Faculty of Medicine, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

EDUCATION AND QUALIFICATIONS

2006 graduated from the Medical Faculty in Belgrade

2006 participated as a researcher in an international multicenter study (CIBIS-ELD study) under the auspices of the Charité Clinic in Berlin, which dealt with the use of beta-blockers in elderly patients with heart failure

2007-2012 residency in Gynecology and Obstetrics at the Clinic of Gynecology and Obstetrics, Clinical Center University of Sarajevo

2009 postgraduate studies at the Faculty of Medicine in Sarajevo (regularly passed all the exams); Ian Donald Ultrasound School course, June 2009, Sarajevo (and following training of Ian Donald School in Zagreb, Sarajevo, Tuzla, and Dubrovnik)

2010 education in the field of ultrasound diagnostics in gynecology and obstetrics at the Sveti Duh Clinical Hospital in Zagreb under the patronage of professor Asim Kurjak MD; completed training in the field

	of fetal echocardiography at the University Hospital Rebro in Zagreb, under the supervision of the doyen professor Ivan Malcic MD
2012	passed the specialist exam in Gynecology and Obstetrics; education in the field of laparoscopic surgery, advanced level, in Novi Sad; obtained a certificate in the field of diagnostic and operative hysteroscopy within the educational program of the European Academy of Gynecological Surgery in Maribor
Since 2012	works a the Clinic of Gynecology and Obstetrics, Clinical Center University of Sarajevo
2013	education in 3D and 4D ultrasound diagnostics, Vienna International School course in 3D Ultrasonography in gynecology and obstetrics
2014	education in the field of reproductive medicine at the Clinic of Gynecology in Ljubljana; education in the field of 3D/4D in gynecology and obstetrics, International academy of medical ultrasound, Dr. Marcin Wiechec; International School of Fetal Echocardiography
2017-2018	education in the field of health management, the advanced (SHCE III) level
2018-2021	doctoral studies at the Medical Faculty of Sarajevo School of Science and Technology (SSST)
2019	obtained a Master's degree in Ultrasound in Obstetrics and Gynecology at Ian Donald Inter-university School of Medical Ultrasound; started the subspecialization in the field of fetal medicine and obstetrics
2019-2021	assistant in the subject "Gynecology, obstetrics and reproductive medicine" at Medical School of SSST
2021	passed the subspecialty exam in Fetal medicine and obstetrics; obtained a Doctor of Philosophy degree (PhD)
Since 2021	assistant proffesor in the subject "Gynecology, obstetrics and reproductive medicine" at Medical School of SSST
Since 2024	assistant proffesor in the subject „Gynecology and Obstetrics“ at Faculty of Medicine, University of Sarajevo

PUBLISHED PAPERS

1. Dekovic S, Kadic S, Lacevic L, **Medjedovic E**, Tandir L, Sehic E, Katkic A. Odgovornost i granice slobode ljekara u izboru terapijskih metoda. Book of abstracts of congress "Bosanskohercegovačka medicinska inicijativa". July, 2007

2. Dekovic S, Basic E, Imsirija L, Nikulin B, Kasumovic A, **Medjedovic E**, Divanovic D. For or against cesarean section on maternal request in the future. 23rd European Congress of Gynecology and Obstetrics, Glasgow, Scotland, GB. 7-10 may 2014.
3. Dekovic S, Godinjak Z, Basic E, Abou el Ardat M, Hadzic N, Imsirija L, Nikulin B, Imsirija N, Rovcanin Z, Gavrankapetanovic F, Idrizbegovic E, Lacevic L, Kasumovic A, Kandic A, Katica V, **Medjedovic E**, Dizdarevic A. Cesarean section on request and patient-doctor relationship - experience of Bosnia and Hercegovina. 8th World Congress of Perinatal Medicine in Developing Countries, Mexico 3-6 Septembar 2014.
1. Hastor H, Gavrankapetanovic F, Abou El-Ardat M, **Medjedovic E**. Neonatal brachial plexus lesions in correlation with maternal and fetal obstetric parameters. *Balkan Journal of Health Science*. 2015; 3 (1): 27-31.
2. Mahmutbegović E, Marjanović D, **Medjedović E**, Mahmutbegović N, Dogan S, Valjevac A, Czarska E, Pawińska-Matecka A, Madlani A, Adler G. Prevalence of F5 1691G>A, F2 20210G>A, and MTHFR 677C>T polymorphisms in Bosnian women with pregnancy loss. *Bosn J Basic Med Sci*. 2017 Nov 20;17(4):309-314. doi: 10.17305/bjbms.2017.1954.
3. Emir M, Grażyna A, **Medjedovic E**, Nevena M, Dogan S, Anna PM, Ewa C, Marjanovic D. Polymorphisms of 1691G> A and 4070A> G FV in Bosnian women with pregnancy loss. In *CMBEBIH 2017* (pp. 435-439). Springer, Singapore.
4. **Medjedović E**, Begić Z, Gavranakpetanović-Smailbegović F, Abou El- Ardat M, Deković S, Spahović R, Fetal echosonography as a tool in hands of perinatolgist. *Medical J*. 2018; 2(4):114-117.
5. Kurjak A, Spalldi Barišić L, Stanojević M, Anstaklis P, Panchal S, Honemayer U, Moreira Neto R, Tinjic S, Vladereanu R, Sertac E, Bomba-Opon D, **Medjedovic E**, Hata T. Multi-center results on the clinical use of KANET. *J Perinat Med*. 2019; 47(9):897-909. doi:10.1515/jpm-2019-0281
6. **Medjedovic E**, Suljevic A, Iglica A, Rama A, Mahmutbegovic E, Muftic A, Dzihic E. Uric Acid Values Along with Doppler Sonography Findings as a Tool for Preeclampsia Screening. *Med Arch*. 2019 Dec;73(6):408-411. doi: 10.5455/medarh.2019.73.408-411. PMID: 32082010; PMCID: PMC7007614.
7. **Medjedović E**, Suljevic A, Iglica A, Rama A, Muftic A. Doppler Sonography of Uterine Arteries in Pregnancy as a Marker of Preeclampsia. *Donald School J Ultrasound Obstet Gynecol* 2019;13(4):162–168.
8. **Medjedovic E**, Begic Z, Suljevic A, Muftic A, Dzihic E, Kurjak A. Amnioreduction in Emergency Rescue Cervical Cerclage with Bulging Membranes. *Med Arch*. 2020 Apr;74(2):151-152. doi: 10.5455/medarh.2020.74.151-152. PMID: 32577060; PMCID: PMC7296423.
9. **Medjedovic E**, Iglica A, Begic N, Mahmutbegovic E, Begic Z, Suljevic A, Begic E. Holt–Oram Syndrome: The Importance of Prenatal Detection. *Donald School J Ultrasound Obstet Gynecol* 2020;14(2):172–174.
10. **Medjedovic E**, Begic Z, Stanojevic M, Begic E, Iglica A, Begic N, Kurjak A. Ultrasound in the Service of Early Diagnosis and Treatment of Congenital Heart

Defects: Bosnian and Herzegovinian Experience. Donald School J Ultrasound Obstet Gynecol 2020;14(2):131–135.

11. Kurjak A, Spalldi Barisic L, Antsaklis P, Stanojevic M, **Medjedovic E**. What did we learn from the structural and functional development of fetal brain using four-dimensional sonography? Donald School J Ultrasound Obstet Gynecol 2020;14(3):246-261.
12. Kurjak A, Stanojevic M, Jakovljevic M, Gaber G, Porovic S, **Medjedovic E**, Vacek V. Coronavirus Disease-2019 or the End of a Happy Globalization. Donald School J Ultrasound Obstet Gynecol 2020;14(3):279-287.
13. Moreira Neto R, Gerardo Lopes J, **Medjedovic E**, Begic E. Increased of the carotid intima media thickness in preeclampsia. Journal of Perinatal Medicine 2020; 48(8):787-791.
14. Kurjak A, Panchal S, **Medjedovic E**, Petanovski Z. The Role of 3D Power Doppler in Screening for Ovarian Cancer. Int J Biomed Healthc. 2020;8(2):80-92.
15. **Medjedovic E**, Suljevic A, Begic Z, Begic N, Mahmutbegovic N. Like Mother, Like Child: A KANET Analysis on Intrauterine Life. ultrasound. 2020;2016:0414.
16. Begic N, Begic Z, **Medjedovic E**, Begic E. Treatment Approach for an Infant with Complex Congenitally Corrected Transposition of the Great Arteries. Central European Journal of Paediatrics. 2021 Jan 1;17(1):40-2.
17. **Medjedovic E**, Begic Z, Begic E, Iglica A, Begic N, Muftic A, Stanojevic M. Premature fetal closure of the ductus arteriosus of unknown cause—could it be influenced by maternal consumption of large quantities of herbal chamomile tea—a case report?. Case Reports in Perinatal Medicine. 2021 Jan 1;10(1).
18. Kurjak A, Stanojevic M, Barisic LS, Antsaklis P, Neto RM, Tinjić S, Panchal S, Opon DB, Selvan G, Esin S, **Medjedovic E**. A Critical Appraisal of Kurjak Antenatal Neurodevelopmental Test: Five Years of Wide Clinical Use. Donald School Journal of Ultrasound in Obstetrics and Gynecology. 2021 Jan 13;14:304-10.
19. **Medjedovic E**, Kurjak A. Doppler ultrasonography of the uterine artery in correlation with KANET. Journal of Perinatal Medicine. 2021 May 1;49(4):455-9.
20. **Medjedovic E**, Kurjak A. The importance of Doppler analysis of uterine circulation in pregnancy for a better understanding of preeclampsia. Medical Archives. 2021 Dec;75(6):424.
21. **Medjedovic E**, Kurjak A, Jonuzovic-Prosic S, Suljevic A. Recent Advances in the Assessment of Fetal Behavior in Preeclamptic Patients. Donald School Journal of Ultrasound in Obstetrics & Gynecology. 2022;16(1):11-8
22. **Medjedovic E**, Stanojevic M, Begic N, Begic Z, Iglica A, Begic E, Dekovic S, Suljevic A, Jonuzovic-Prosic S. A Single Ventricle Defect: A Case Report from Fetal Echocardiography to Cardiac Surgery. Donald School Journal of Ultrasound in Obstetrics and Gynecology. 2022;16(1):91-4.
23. **Medjedovic E**, Kurjak A, Stanojevic M, Salihagic-Kadic A, Begic E. Preeclampsia: still a disease of theories. Donald Sch J Ultrasound Obstet Gynecol. 2022;16:138-47.

24. Iglica A, Begic E, Dzibur A, Begic Z, Begic N, Veljovic F, Dilic M, Imamovic M, **Medjedovic E**. The Role of Stress Electrocardiography in Modern Cardiology. *Science, Art and Religion*. 2022;1(2-4):243-8.
25. **Medjedovic E**. Fetal echocardiography - the first or skipped step in cardiology. *Acta Medica Saliniana*. 2022;52:26-26.
26. **Međedović E**, Šehić KS, Zvizdić Z, Begić E, Suljević A, Imamović F. Modern concepts of improving procedures and processes in healthcare facilities: Effects of the lean concept. *Medicinski preglod*. 2022;75(11-12):350-5.
27. Muftić A, **Medjedović E**, Kurtalic J, Begic N, Jonuzovic-Prosic S, Begic E. Ultrasound-guided Neuraxial Analgesia in Obstetrics. *Donald School Journal of Ultrasound in Obstetrics and Gynecology*. 2022 Apr 22;16(1):25-30.
28. Begić E, Djozic A, Karavelic E, Zatric N, Sinančević A, Džibur A, Durak-Nalbantić A, Begić A, Begić N, Šahbaz A, Hasanagić E, **Medjedovic E**, Iglica A, Begić Z. Familial hypercholesterolemia within cardiology practice—single-center experience during 2-year period. *Research in Cardiovascular Medicine*. 2022 Jul 1;11(3):81-5.
29. **Međedović E**, Spalldi BL, Nevačinović E, Rama A, Kurtović A, Cerovac A. SIPOC method of optimizing the clinical process in obstetrics. *Srpski medicinski časopis Lekarske komore*. 2022;3(3):354-61.
30. **Medjedovic E**, Stanojevic M, Kurjak A, Begic E, Iglica A, Jonuzovic-Prosic S. Association between maternal thyroid function and risk of gestational hypertension and preeclampsia. *Journal of Perinatal Medicine*. 2022 Sep 27;50(7):904-9.
31. **Međedović E**, Šehić-Kršlak S, Ljevo N, Iglica A, Begić E, Suljević A, Jonuzović-Prošić S. The patient as a factor in assessing the quality of health services in private practice institutions. *Rad Hrvatske akademije znanosti i umjetnosti. Medicinske znanosti*. 2022 Dec 18;553(60-61):22-32.
32. Begić E, Aziri B, Omeragić E, **Medjedović E**, Iglica A, Stanetić B, Kovačević-Preradović T, Živanović Ž, Begić A, Janković S, Mlačo N. Heat-not-burn tobacco products and cardiovascular risk reduction: A systematic review of randomized controlled trials. *Technology and Health Care*. 2023(Preprint):1-6.
33. Stanojević M, Kurjak A, **Međedović E**. Brain Assessment from Fetus to Neonate in Terms of Morphology and Function: Role of Neonatologist. *Donald School Journal of Ultrasound in Obstetrics & Gynecology*. 2023;17(1):97-102
34. Kurjak A, Stanojević M, Antsaklis P, **Medjedović E**, Tomasović S. From Structure to Function of Fetal Brain: A Long Journey. *Structure*. 2023;17(1).
35. **Medjedovic E**, Kurjak A, Stanojević M, Begic E. Pre-eclampsia and maternal health through the prism of low-income countries. *Journal of Perinatal Medicine*. 2023 Feb 23;51(2):261-8.
36. Kurjak A, **Medjedovic E**, Stanojević M. Use and misuse of ultrasound in obstetrics with reference to developing countries. *Journal of Perinatal Medicine*. 2023 Feb 23;51(2):240-52.
37. **Medjedovic E**, Kurjak A, Sehic-Krslak S, Zvizdic Z, Begic E, Iglica A, Suljevic A, Jonuzovic-Prosic S, Hajdarević A, Imamovic F. LEAN concept-possibilities of implementation and improvement of business processes in public healthcare organizations. *Journal of Applied Health Sciences*. 2023 Mar 1;9(1).

38. **Medjedovic E**, Zvizdic Z, Cerovac A, Jonuzovic-Prosic S, Milisic E. Successful Pregnancy Outcome after Amnioreduction Treated Acute Polyhydramnios Caused by Duodenal Atresia. ACTA MEDICA. 2023 Mar 16;65(4):149-52.
39. Iglica A, Begić E, **Medjedović E**, Šabanović Bajramović N, Džubur A, Begić A, Lalović I. Eclampsia in peripartum cardiomyopathy mimicking acute coronary syndrome: a case report. *Cardiologia Croatica*. 2023 Apr 27;18(5-6):186.
40. **Medjedović E**, Sehic Krslak S, Stanojevic M, Zvizdic Z, Begic E, Nurkovic J, Cerovac A, Suljevic A, Kulo A. Analysis of improving business processes by implementing the lean concept at the level of tertiary healthcare. *Rad Hrvatske akademije znanosti i umjetnosti. Medicinske znanosti*. 2023 Jun 25;556(62-63):34-42
41. **Medjedovic E**, Begic Z, Stanojevic M, Aziri B, Begic E, Djukic M, Mladenovic Z, Kurjak A. Left atrial strain in fetal echocardiography—could it be introduced to everyday clinical practice?. *Journal of Perinatal Medicine*. 2023 Dec 14(0).
42. **Medjedovic E**, Stanojevic M, Jonuzovic-Prosic S, Ribic E, Begic Z, Cerovac A, Badnjevic A. Artificial intelligence as a new answer to old challenges in maternal-fetal medicine and obstetrics. *Technology and Health Care*.(Preprint):1-5.
43. Stanojevic M, Malinac S, Kurjak A, **Medjedovic E**. From Fetal to Neonatal Neurobehavior. *Donald School Journal of Ultrasound in Obstetrics and Gynecology*, 2023. 0.5005/jp-journals-10009-1992.

PUBLISHED BOOKS:

1. Asim Kurjak, Badreldeen Ahmed, **Edin Medjedovic**. The Basic Assessment of Normal and Abnormal Ovaries. In: D'Addario V. *Basic Textbook of Ultrasound in Obstetrics and Gynecology*, 2nd edition. Jaypee Brothers: New Delhi 2021
2. Petanovski Z, **Medjedovic E**, Kurjak A. *Difficult Cases in Obstetrics & Gynecology*. Jaypee Brothers Medical Publishers (P) Ltd. 2023.

CONGRESSES AND SEMINARS:

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| 2009 | seminar "Ultrasound in obstetrics and gynecology" Sarajevo, BiH;
symposium "Reproductive health meeting from Adriatic to China", Sarajevo, BiH |
| 2012 | scientific meeting "Prevention of HIV transmission from mother to child" Sarajevo, Bosnia and Herzegovina |
| 2013 | 57 th Gynecological and Obstetrical Week, Belgrade, Republic of Serbia;
IV Turkish Congress on Reproductive Medicine, Antalya, Turkey;
"Mostar Days of Reproductive Medicine" Mostar, Bosnia and Herzegovina |
| 2014 | international scientific symposium "Fetal medicine from Leonardo da Vinci to today", Sarajevo, Bosnia and Herzegovina;
International Symposium on Laparoscopic Surgery in Gynecology, Istanbul, Turkey;
symposium "Treatment with pregnant women/partum mothers who have physical and mental difficulties" Sarajevo, Bosnia and Herzegovina; |

- 2016 International Symposium on Fetal Echocardiography, Sarajevo, BiH
XVIII International Symposium of Gynecologists and Obstetricians of Serbia, Montenegro and Republika Srpska;
"DAYS OF HUMAN REPRODUCTION", Tuzla, BiH
- 2018 "1st Croatian Congress of Ultrasound in Gynecology and Perinatology with international participation", Zagreb, Croatia
- 2019 symposium Ultrasound in Obstetrics and Gynecology, Ian Donald School
2022 guest lecturer at the 13th Days of BHAAAS in Bosnia and Herzegovina, Sarajevo, BiH. Topic: Fetal echocardiography - the first or skipped step in cardiology?
- 2023 guest lecturer at the First congress of the Association for Perinatal Medicine in Bosnia and Herzegovina. Topic: Is a perinatologist the first pediatric cardiologist?;
6th European Congress on Intrapartum Care" Belgrade, Republic of Serbia

PARTICIPATION IN THE WORK OF INTERNATIONAL SCIENTIFIC JOURNALS:

- Since 2019 permanent reviewer for the Donald School Journal of Ultrasound in Obstetrics and Gynecology (DSJUOG)
- Since 2021 reviewer for the Bosnian Journal of Basic Medical Sciences (BJBMD)

MEMBERSHIP IN INTERNATIONAL AND DOMESTIC PROFESSIONAL ASSOCIATIONS:

- Since 2016 member of the international association of sonographers in gynecology and obstetrics ISUOG
- Since 2019 member of the Ian Donald School research team
- Since 2021 member of the International Academy of Sciences and Arts in Bosnia and Herzegovina (IANUBIH);
president of the supervisory board of the Association for Perinatal Medicine of Bosnia and Herzegovina
- Since 2023 member of the International Academy of Perinatal Medicine