

Associate Professor Dr. Elvin Piriyeu



Personal information

Name Elvin Piriyeu
Birthday 27.09.1988
Address Hänflingweg 20, 50127 Bergheim, Germany

Education

09.2006-07.2012 Human Medicine at the Azerbaijan Medical University
07.2012 State exams in Human Medicine at the Azerbaijan Medical University
13.12.2013 State exams in Human Medicine at University Hospital Charite, Berlin, Germany (passed)
07.12.2018 Promotion at the University of Cologne
01.01.2021-03.2024 Habilitation at the University Witten/ Herdecke
01.2024 Minimal invasive surgeon Level III (MIS III)

Work experience

01.2013-10.2013 Assistant physician in gynecology and obstetrics at the Charite University Hospital
04.2014-11.2018 Assistant physician in gynecology and obstetrics at Academic Hospital Weyertal, University of Cologne
21.11.2018 Final exam (passed)
11.2018-12.2019 Physician in gynecology and obstetrics at the Academic Hospital Weyertal, University of Cologne (Endometriosis Center Level III, Myoma Center, Endoscopy Center)
01.2020- present Senior Physician in gynecology and obstetrics at the Academic Hospital Weyertal, University of Cologne (Endometriosis Center Level III, Myoma Center, Endoscopy Center)
03.2024- present Associate Professor University Witten/ Herdecke, Germany

Skills:

Minimal invasive surgery Level III (MIC III), Deep infiltrating Endometriosis surgery, Uterine fibroid surgery, transcervical radiofrequency ablation of uterine fibroid, surgery hysteroscopy

Language:

Germany:	excellent
English:	up intermediate
Russian:	excellent
Azerbaijan:	excellent
Turkish:	up intermediate

Societies**Member of:**

DGGG - Deutsche Gesellschaft für Geburtshilfe und Gynäkologie (German Society of Obstetrics and Gynecology)

AGE - Arbeitsgemeinschaft Gynäkologische Endoskopie (German Society of Gynecological Endoscopy)

AGEM - Arbeitsgemeinschaft Endometriose (German Society of Endometriosis)

ESGE - European Society of Gynecological Endoscopy

ISGE - International Society for Gynecological Endoscopy

ISOGA – International Society of Obstetrical and Gynecological Ablation

Board Member:

EEL- European Endometriosis League – Core Team

ISGE – Teachers board

Co-Founder/ Incorporator

ISOGA

Prices

03.2021 “Hans-Joachim-Lindemann” Preis AGE 2021

08.2021 215 Tagung NWGGG 2021 “Wissenschaftspreis”

Lectures

23.11.2018	Deutsche Menopause Gesellschaft, Frankfurt: Vergleich von Saugpipelle und Hysteroskopie mit Abrasio in der Diagnostik von Blutungsstörungen und/oder sonographisch auffälligem Endometrium bei prä-, peri- und postmenopausalen Patientinnen
07.10.2020	63. Kongress der DGGG, München: Vergleich von Saugpipelle und Hysteroskopie mit Abrasio in der Diagnostik von Blutungsstörungen und/oder sonographisch auffälligem Endometrium bei prä-, peri- und postmenopausalen Patientinnen
27.08.2021	215. Tagung der NWGGG (Niederrheinisch-Westfälischen Gesellschaft für Gynäkologie und Geburtshilfe), Köln: <ol style="list-style-type: none">1. “Coincidence of uterine malformations and endometriosis - a clinically relevant problem?”.2. “Coexistence of endometriomas with extraovarian endometriosis and adhesions”.3. “Comparing pipelle and hysteroscopy with abrasion in malignant and premalignant endometrial findings”.
25.03.2022	14 Endometriosekongress Deutschsprachiger Länder, Duisburg (online): Das tapfere nicht Schneiderlein. Welche Patientinnen profitieren von einer schnittfreien Therapie mit TFA?

12-15.10.2022	64. Kongress der DGGG, München: modern Endometrium diagnostics
12-15.10.2022	64. Kongress der DGGG, München: Poster Vorträge: Transzervikale Radiofrequenzablation (TFA) mit dem Sonata® System in besonderen Situationen Transzervikale Radiofrequenzablation (TFA) mit dem Sonata® System und operative Hysteroskopie Haben Patientinnen mit einer Uterusfehlbildung eine hohe Endometriose Prävalenz?
20-22.10.2022	International Conference of Gynecology and Obstetrics Baku, Azerbaijan
1-3.12.2022	Sonata Center of excellence, Anwendertreffen Übung macht den Meister
15.04.2023	International Conference Obstetrics-Gynecology, Reproductive Medicine and Women's Health, Baku Azerbaijan "Bladder and Ureter Endometriosis"
06.05.2023	Obstetrics-Gynecology and Perinatology, current problems. Baku, Azerbaijan "Operative Hysteroscopy"
18.06.2023	Pelvic Floor, IVF, Endometriosis and Adenomyosis. International Conference, Baku, Azerbaijan. Bladder and Ureter Endometriosis
28.09.2023	Surgical vs medical treatment of endometriosis. Baku, Azerbaijan
13.04.2024	1st WOYI International Gynecological Ablation Workshop (Webinar) Shenzhen, China. Topic: Transcervical ablation with Sonata System
02.05.2024	Baku, Azerbaijan, Medical University of Secenov. Topic: Uterine fibroids, diagnostic, clinic and treatment. Transcervical fibroid ablation with Sonata System.
03.05.2024	Baku, Azerbaijan. Surgical treatment of endometriosis.
22-23.08.2024	AGEM, Endometriosis MC, Duisburg. Peritoneale Endometriose.
19-21.09.2024	Bali, Indonesia. EEL. Asian Congress of Endometriosis. Topic: Deep infiltrating endometriosis of urinary tract.
16-19.10.2024	DGGG 65, Berlin: Klinische Relevanz der transzervikalen Myomablation
23-25.01.2025	Baku, Azerbaijan. IX International Gynecological Congress "Gynecology without Borders": 1. Workshop: Entry in laparoscopy, 2. Fibroidectomy during the pregnancy, 3. Bladder Endometriosis.
30.01-01.02.2025	3 rd Meeting of Sonata users. Frankfurt, Germany. 1. Treatment of focal Adenomyosis with transcervical radiofrequency ablation. 2. Workshop: combined procedure with operative hysteroscopy and transcervical radiofrequency ablation.

24.04.2025	SEUD. Czech Republic. Innovative Approaches: Radiofrequency Ablation for Treating Adenomyosis.
26-27.06.2025	AGEM, Endometriosis MC, Duisburg. Tief infiltrierende Endometriose der Blase und Ureteren.
9-11.10.2025	FOG/DAGG, München, Germany. Abdominal Wall Endometriosis, Diagnostic and Therapy.
01-04.11.2025	ACE (Asian Congress on Endometriosis), Colombo, Sri-Lanka. <ol style="list-style-type: none"> 1. EEL Workshop: Endometriosis beyond pelvis wall. New treatment options in Adenomyosis 2. EEL Session: Endometriosis of the urinary tract 3. Symposium, Management of Adenomyosis: Could radiofrequency ablation become a therapy option in adenomyosis?

Publication List:

First Author:

29.04.2020	“Comparison of aspirating pipettes and hysteroscopy with curettage”. Archives of Gynecology and Obstetrics volume 301, pages 1485–1492 (2020)
20.08.2020	“Coincidence of uterine malformations and endometriosis - a clinically relevant problem?”. Archives of Gynecology and Obstetrics. Archives of Gynecology and Obstetrics volume 302, pages 1237–1241(2020)
03.07.2020	“A rare case: Nodular adenomyosis can deceive cornual ectopic pregnancy”. Obstetrics and Gynaecology Cases – Reviews, ClinMed International Library (ISSN: 2377-9004). Obstet Gynecol Cases Rev 2020, 7:166 Volume 7 Issue 3 DOI: 10.23937/2377-9004/1410166
11.2020	“Case Report: Pregnancy while using an IUD”. International Journal of Reproduction, Contraception, Obstetrics and Gynecology (ISSN: 2320-1789). Int J Reprod Contracept Obstet Gynecol. 2020 Nov;9 (11):4692-4694 (2020)
09.09.2020	“Rare case: enucleation of multiple fibroids after intraoperative vaginal sonographic detection of the solitary pelvic kidney by Patient with MRKH”. International Journal of Reproduction, Contraception, Obstetrics and Gynecology (ISSN: 2320-1789). Int J Reprod Contracept Obstet Gynecol. Sep;9 (9):3873-3875 (2020).
08.2020	„Erfolgreiche Myomtherapie mit dem Sonata® System (intrauterine ultraschallgesteuerte Radiofrequenzablation) bei einer Risikopatientin“. PrivatArzt Gynäkologie, (2020) Heft 4.
07.2021	“Coexistence of endometriomas with extraovarian endometriosis and adhesions”. European Journal of Obstetrics & Gynecology and Reproductive Biology. EJOG. 2021; 263: 20-24

- 08.2021 "Transcervical septal dissection using the balloon technique in complete uterine septums, pre- and postoperative results. A Follow up from 2007-2020". European Journal of Obstetrics & Gynecology and Reproductive Biology. EJOG. 2021; 265 125–129
- 10.11.2021 „Atmung und Schlaf bei Mutter und Fetus in der Schwangerschaft“. Somnologie. 2021. doi.org/10.1007/s11818-021-00336-2
- 16.11.2021 "Comparison of pipelle and hysteroscopy with D&C in postmenopausal patients". J. Obstetrics Gynecology and Reproductive Sciences. 2021. 5(9) DOI:10.31579/2578-8965/105
- 17.11.2021 „Comparing Pipelle and Hysteroscopy with Abrasion in Malignant and Premalignant Endometrial Findings". WJGWH. 2021. 5(4). DOI: 10.33552/WJGWH.2021.05.000617.
- 29.12.2021 „Transcervical radiofrequency ablation of fibroids that are 5 cm or larger in women with abnormal uterine bleeding". Journal of Gynecology Obstetrics and Human Reproduction. J Gynecol Obstet Hum Reprod. 2021. doi: 10.1016/j.jogoh.2021.102303. Online ahead of print.
- 08.02.2022 „Reply to "Concerns about transcervical radiofrequency ablation of uterine fibroids" ". Journal of Gynecology Obstetrics and Human Reproduction. J Gynecol Obstet Hum Reprod. 51(4):102331. doi: 10.1016/j.jogoh.2022.102331
- 18.02.2022 "Laparoscopic Isthmocele (Niche) Correction as prevention in patients with fertility desire". Ginekologia Polska. Ginekol Pol. 2022. 10.5603/GP.a2021.0250
- 17.02.2022 "Combined procedure of the transcervical radiofrequency ablation (TRFA) system and surgical hysteroscopy. Increased risk or safe procedure?". Videosurgery and Other Miniinvasive Techniques/Wideochirurgia i inne techniki małoinwazyjne. 2022. doi:10.5114/wiitm.2022.113565.
- 12.03.2022 "Significance of Ki67 expression in endometriosis for infertility". European Journal of Obstetrics & Gynecology and Reproductive Biology. EJOG. 2022; 272: 73–76
- 05.2022 Are double-J stents in surgery for deep infiltrating endometriosis always necessary? A retrospective analysis. Wideochir Inne Tech Maloinwazyjne. 2022 Sep;17(3):533-539. doi: 10.5114/wiitm.2022.116325. Epub 2022 May 18. PMID: 36187054; PMCID: PMC9511909.
- 05.2022 "Transcervical intrauterine radiofrequency ablation of fibroids in high-risk patients with bleeding disorder". Ginekol Pol. 2022 Jul 27. doi: 10.5603/GP.a2022.0042. Epub ahead of print. PMID: 35894488.
- 10.2022 "A rare case: unicornuate uterus with rudimentary horn and multiple fibroids in both horns and plexus of varicose vessels". J Minim Invasive Gynecol. 2022 Oct 7:S1553-4650(22)00919-0. doi: 10.1016/j.jmig.2022.09.554. Epub ahead of print. PMID: 36216316.
- 10.2022 "Vergleich von Saugpipelle und Hysteroskopie mit Abrasio in der Diagnostik von Blutungsstörungen und/oder sonographisch auffälligem Endometrium bei prä-, peri- und postmenopausalen Patientinnen". Spitzenforschung Gynäkologie und Geburtshilfe (ISSN: 1861-4620). 2022. S 43-51.

- 24.10.2022 "Gasless Laparoscopic Removal of 430-Gram Symptomatic Fibroid at 15 weeks of Pregnancy: Case Report". 2022. J Surg 7: 1599. DOI: <https://doi.org/10.29011/2575-9760.001599>
- 23.11.2022 "Bilateral ureteral Deep infiltrating endometriosis: a rare case". 2022. J Urol Ren Dis 07: 1295. DOI: 10.29011/2575-7903.001295.
- 11.2022 "Delayed expulsion of a large fibroid after transcervical radiofrequency ablation: A case report". Radiology Case Reports. 2023. 18. 779-783. 10.1016/j.radcr.2022.11.063.
- 01.2023 "Laparoscopic Approach in Bladder Endometriosis, Intraoperative and Postoperative Outcomes". In Vivo. 2023.37(1):357-365. doi: 10.21873/invivo.13086. PMID: 36593051.
- 03.2023 „Clinical and Surgical Characteristics of Abdominal Wall Endometriosis: A Multicenter Case Series of 80 Women". In Vivo. 2023. 37(2):756-762. doi: 10.21873/invivo.13138. PMID: 36881063; PMCID: PMC10026630.
- 05.2023 "Transcervical radiofrequency ablation of focal adenomyosis: pilot results". Int J Hyperthermia. 2023;40(1):2217366. doi: 10.1080/02656736.2023.2217366. PMID: 37277101.
- 06.2023 "Operative und Radiologische Methoden in der Myomtherapie". Der PrivatArzt Gynäkologie. 2023. Heft 3, S12-16.
- 01.2024 "Diaphragm endometriosis: Random localization or extended form of pelvis endometriosis. A large comparative analysis of 202 cases". Eur J Obstet Gynecol Reprod Biol. 2024 Jan 13;294:117-122. doi: 10.1016/j.ejogrb.2024.01.020. Epub ahead of print. PMID: 38237309.
- 02.2024 "Isthmocele: Ursachen, Therapie und Bedeutung für die Fertilität". Der PrivatArzt Gynäkologie. 2024. Heft 1, S18-19.
- 09.2024 "Successful pregnancy outcome after sonographic control and gasless laparoscopic removal of 810-gram fibroid during pregnancy: case report". Facts Views Vis Obgyn, 2024, 16 (3): 369-374
- 09.2024 Laparoscopic partial bladder resection: a challenging case of bladder endometriosis (Video). TheTrocar. 2024, 3 (5): 31-34
- 11.2024 Case report: Bladder stone caused by dislocated Cu-IUD. Int J Surg Case Rep. 2024 Nov. In Press. doi.org/10.1016/j.ijscr.2024.110562
- 01.2025 "Successful treatment of large adenomyosis with transcervical radiofrequency ablation in a high-risk patient: A case report and short review". Radiology Case Reports. 2025. 20. 1983–1987 doi.org/10.1016/j.radcr.2025.01.017
- 02.2025 "Bladder Endometriosis: Diagnostic, Therapy, and Outcome of a Single-Center Experience". Diagnostics. 2025. 15: 466. <https://doi.org/10.3390/diagnostics15040466>

- 02.2025 "Could Transcervical Radiofrequency Ablation Become a Therapy Option for Focal Adenomyosis?". *In Vivo*. 2025. 39(2): 961-968. doi: 10.21873/invivo.13901
- 17.04.2025 "Hormonal Treatment of Endometriosis: A Narrative Review". *Pharmaceuticals* 2025, 18, 588. <https://doi.org/10.3390/ph18040588>
- 06.2025 "Does BMI Have an Impact on Endometriosis Symptoms and Endometriosis Types According to the #ENZIAN Classification?" *J Clin Med*. 2025 Jun 7;14(12):4040. doi: 10.3390/jcm14124040. PMID: 40565786; PMCID: PMC12194294.
- 06.2025 "Is there a relationship between symptoms and types of endometriosis according to #ENZIAN? A comparative study of preoperative questionnaires". *Arch Gynecol Obstet* (2025). <https://doi.org/10.1007/s00404-025-08072-w>
- 07.2025 "Combined transcervical radiofrequency ablation and hysteroscopic myomectomy: expanding treatment to diverse fibroid types". *Arch Gynecol Obstet*. 2025 Jul 22. doi: 10.1007/s00404-025-08127-y
- 09.2025 "Electrosurgical hysteroscopic metroplasty for septate uterus: a single-center retrospective analysis of safety, adhesion rates, and perioperative outcomes". *Arch Gynecol Obstet*. 2025 Sep 4. doi: 10.1007/s00404-025-08169-2. Epub ahead of print. PMID: 40906210
- 10.2025 Safety and efficacy of combining transcervical fibroid ablation with operative hysteroscopy. *Wideochir Inne Tech Maloinwazyjne*. 2025; 20: 302-309. doi:10.20452/wiitm.2025.17974
- 10.2025 "Novel Application of Transcervical Radiofrequency Ablation for Symptomatic Cystic Adenomyosis. Case report". *Radiology Case Reports*. 2026. 21. 9-13 doi.org/10.1016/j.radcr.2025.09.018

Co-Author

- 08.03.2022 "The significance of transcervical ultrasound-guided radiofrequency ablation in the treatment of symptomatic fibroids: results of an expert consensus from German-speaking countries". *Arch Gynecol Obstet*. 2022 Mar 22. doi: 10.1007/s00404-022-06516-1. Epub ahead of print. PMID: 35316395.
- 04.2022 "Ghost Ileostomy: Safe and Cost-effective Alternative to Ileostomy After Rectal Resection for Deep Infiltrating Endometriosis". *In Vivo*. 2022 May-Jun;36(3):1290-1296. doi: 10.21873/invivo.12829. PMID: 35478159.
- 01.2023 „Aktueller Stellenwert der transzervikalen ultraschallgesteuerten Radiofrequenzablation in der Behandlung des Uterus myomatosus“. *Frauenarzt*. 2023. Heft 1.

Posters and Abstracts

- 07.10.2020 63. Kongress der DGGG, München:
1. Ein seltener Fall: Noduläre Adenomyose kann eine kornuale Schwangerschaft täuschen
 2. Case Report: Pregnancy while using an LNG-IUS 52 mg

9-11-12.2021

7th SEUD Congress, Stockholm, Sweden:

1. Coincidence of uterine malformations and endometriosis - a clinically relevant problem?
2. Coexistence of endometriomas with extraovarian endometriosis and adhesions
3. Significance of Ki67 expression in endometriosis for infertility

24-25.03.2022

14. Endometriosekongress deutschsprachiger Länder:

1. Koinzidenz von Uterusfehlbildungen und Endometriose- ein klinisch relevantes Problem?
2. Koexistenz der Endometriome mit extraovarieller Endometriose und Adhäsionen

16-17.06.2022

6th European Endometriosis Congress, Bordeaux, France:

1. Coexistence of endometriomas with extraovarian endometriosis and adhesions
2. Significance of Ki67 expression in endometriosis for infertility

12-15.10.2022

64. Kongress der DGGG, München:

1. Transzervikale Radiofrequenzablation (TFA) mit Sonata System und operative Hysteroskopie
2. Transzervikale Radiofrequenzablation (TFA) mit Sonata System in besonderen Situationen
3. Haben Patientinnen mit einer Uterusfehlbildung eine hohe Endometriose Prävalenz?

25-27.04.2024

AGE 2024, Saarbrücken:

Transcervical radiofrequency ablation of focal adenomyosis: pilot results (Oral presentation).

06-08.06.2024

ECC/EEL 2024, Bucharest, Romania:

Diaphragm endometriosis: Random localization or extended form of pelvis endometriosis. A large comparative analysis of 202 cases

DGGG 65 Berlin 16-19.10.2024:

Behandlung der fokalen Adenomyose mit transzervikaler Radiofrequenzablation

DGGG 65 Berlin 16-19.10.2024:

Evaluierung der Effektivität der SONATA Therapie bei der Behandlung von Uterusmyomen: Eine prospektive Studie zur Symptomremission und Lebensqualitätsverbesserung

19.11.2025

