

Prof. Dr. N. Çiğdem Arslan

MD, FEBS (Coloproctology) · Professor of General Surgery · Colorectal Surgery, Proctology and Pelvic Floor

İstanbul Health and Technology University (İSTÜN), Faculty of Medicine, Department of General Surgery, İstanbul, Türkiye

cigdem.arslan@istun.edu.tr · cigdemarslan@hotmail.it · +90 542 145 44 35 · Web of Science ResearcherID: IUQ-1419-2023 · Publishes as: N. Cigdem Arslan (Arslan NC)



PROFILE

Professor of General Surgery working in colorectal surgery, proctology and pelvic floor disorders; Fellow of the European Board of Surgery in Coloproctology. Clinical and research interests include colorectal cancer, peritoneal malignancies, advanced abdominal wall surgery, pelvic floor disorders and proctology, and the gut microbiome in functional bowel disorders. Associate Editor of the Turkish Journal of Surgery and Head of the Research Committee of the Turkish Society of Colon and Rectal Surgery.

CURRENT POSITIONS

2025– Professor of General Surgery — İstanbul Health and Technology University (İSTÜN), İstanbul
2025– Associate Editor — Turkish Journal of Surgery (Ulusal Cerrahi Dergisi)
— Head, Research Committee (Klinik Araştırmalar Birimi) — Turkish Society of Colon and Rectal Surgery (TSCRS / TKRCD)
— Consultant colorectal surgeon — Private practice, Fulya, İstanbul; Liv Hospital Vadi İstanbul

ACADEMIC APPOINTMENTS

05/2025– Professor — Department of General Surgery, İSTÜN Faculty of Medicine
2017–2024 Assistant Professor; Associate Professor (Doçent) from 2019 — Department of General Surgery, International School of Medicine, İstanbul Medipol University
2015–2017 Assistant Professor — Department of General Surgery, İstinye University
2007–2013 Resident in General Surgery — Department of General Surgery, Dokuz Eylül University

EDUCATION AND TRAINING

2007–2013 Residency in General Surgery — Dokuz Eylül University Faculty of Medicine, İzmir (board certified 21 Oct 2013)
2012–2013 Research Fellow, Robotic Surgery (1 year) — Department of Robotic Surgery, Cleveland Clinic, Cleveland, Ohio, USA; Turkish Surgical Association Dr. Eren Berber Scholarship (2012)
2013–2017 Colorectal surgery fellowship — Liv Hospital Ulus & İstinye University, İstanbul
2001–2007 Doctor of Medicine (MD) — Akdeniz University Faculty of Medicine, Antalya

Clinical posts

2016–2017 General Surgeon — Liv Hospital Ulus, İstanbul
2015–2016 General Surgeon — Acıbadem Bodrum Hospital
2014–2015 General Surgeon (state service) — Tatvan State Hospital

BOARD CERTIFICATION

2021 Fellow of the European Board of Surgery – Coloproctology (FEBS/EBSQ) — UEMS European Board of Surgery, Brussels
2021 Colorectal Surgery Competency Certificate — Turkish Society of Colon and Rectal Surgery
2013 Turkish Board of General Surgery — Turkish Surgical Association
— Laparoscopic Colorectal Surgery Training Certificate — Dokuz Eylül University

LEADERSHIP, EDITORIAL AND EDUCATIONAL ROLES

- Head, Research Committee, Turkish Society of Colon and Rectal Surgery (TSCRS)

- Secretary, TSCRS Congress 2027
- Member, Pelvic Floor Working Group, TSCRS
- President, 4th International Pilonidal Conference (International Pilonidal Society), İstanbul, 2024
- Türkiye national lead, ESCP international pilonidal abscess study (PILO-ACT)
- Member of the organising team, EBSQ Coloproctology preparation courses for Türkiye and Eastern Europe (2020–)
- Associate Editor, Turkish Journal of Surgery (2025–); reviewer for the journal
- Associate Editor, World Journal of Gastrointestinal Oncology (2018–2020); Young Editor of the Year award (2020)
- Education Coordinator, International School of Medicine, İstanbul Medipol University (2021–2024)
- Associate Editor, Turkish Journal of Colorectal Disease (2021–2022)
- Editor training: European Association of Science Editors (EASE) editor school (2022)

RESEARCH INTERESTS

Colorectal cancer · peritoneal malignancies: cytoreductive surgery and HIPEC · advanced abdominal wall and hernia surgery · pelvic floor disorders and proctology, including pilonidal disease, anal fistula and anal HPV screening with high-resolution anoscopy · gut microbiome and functional bowel disorders: AI-assisted, microbiome-guided personalised diet

RESEARCH METRICS

Web of Science (October 2026): 80 publications (69 in the Web of Science Core Collection) · 623 citations · h-index 14

PUBLICATIONS

Original articles, randomized trials, consensus statements and reviews (53)

1. Kement M, Alimoğlu O, Baysal H, Tosun S, Tekin A, Sucullu I, ..., **Arslan NC**, et al. Determinants influencing decision-making for operative and perioperative management of grade III and IV hemorrhoidal disease: secondary analysis of a multicenter nationwide prospective cohort study. *Langenbecks Arch Surg.* 2026;411(1). doi:10.1007/s00423-026-04030-5 PMID: 41981341
2. **Arslan NC**, Bilgin IA, Gulcu B, Bayraktar B, Eray IC, Bisgin T, et al. Does laser treatment affect outcome in pilonidal sinus disease? Long-term multicenter retrospective analysis of pit-picking alone vs. pit-picking with laser. *Tech Coloproctol.* 2026;30(1). doi:10.1007/s10151-026-03314-8 PMID: 42128975
3. Gultekin FA, Balci B, Yıldırım Y, **Arslan NC**, Yaşar NF, Bisgin T, et al. Functional and surgical outcomes of ventral mesh rectopexy in male patients with rectal prolapse: a nationwide multicenter retrospective cohort study by the Pelvic Floor Working Group of the Turkish Society of Colon and Rectal Surgery (TSCRS). *Tech Coloproctol.* 2026;30(1). doi:10.1007/s10151-026-03293-w PMID: 41931157
4. Tunalı V, **Arslan NC**, Derviş Hakim G, Gündoğdu A, Ermiş BH, Hora M, et al. Long-term microbiome and clinical effects of a microbiome-guided personalized diet versus low-FODMAP diet in irritable bowel syndrome: A 12-month follow-up randomized controlled trial. *Gut Microbes.* 2026;18(1):2719125. doi:10.1080/19490976.2026.2719125 PMID: 42623122
5. Ergüder E, Yahya D, Turan E, Simsek G, Bulut S, **Arslan NC**. Phenol for pilonidal sinus disease: a nationwide survey of practice patterns and safety gaps among surgeons in Türkiye. *BMC Health Serv Res.* 2026;26(1). doi:10.1186/s12913-026-14234-6 PMID: 41731456
6. **Arslan NC**, Seifert J, Doll D. Shrinking follow-up duration in pilonidal sinus surgery, 1970-2020: a patient-weighted longitudinal analysis of 2,285 studies. *Langenbecks Arch Surg.* 2026;411(1). doi:10.1007/s00423-026-04027-0 PMID: 41904336
7. Karakayali F, **Arslan NC**, Bisgin T, Erenler Bayraktar I, Bayraktar O, Canda AE. Can neoadjuvant chemoradiotherapy be omitted in cT2N+ and cT3 mid-rectal cancer: Protocol for a prospective, observational, cohort study (CANO). *PLoS One.* 2025;20(11):e0321819. doi:10.1371/journal.pone.0321819 PMID: 41191581
8. **Arslan NC**, Tatar C, Erol T, Smeenk R, Immerman S, Wysocki P, et al. Controversies in the Management of Pilonidal Disease: Expert Recommendations from a Modified Delphi Survey and Review of the Literature. *Turk J Colorectal Dis.* 2025;35. doi:10.4274/tjcd.galenos.2025.2025-2-2
9. Uzoma CC, Shepherd AI, Saynor ZL, Khan JS, Piozzi GN, Duhoky R, et al.; International HDT Lithotomy Survey Collaborators (incl. **Arslan NC**) Head-down tilt lithotomy position and well-leg compartment syndrome: An international survey of current practice. *Colorectal Dis.* 2025;27(6):e70134. doi:10.1111/codi.70134 PMID: 40481693

10. Altıntaş T, **Arslan NC**. Immunohistochemical markers affecting nodal metastasis in breast cancer and imaging methods for detection of axillary lymph node metastasis. *Ann Clin Anal Med*. 2025;16. doi:10.4328/acam.22517
11. Tatar C, Bisgin T, Canda AE, Karakayali F, Gecim E, Yildirim AC, et al., Erenler Bayraktar I, **Arslan NC** (senior author) International expert Delphi consensus on management of early and locally advanced rectal cancer. *Int J Colorectal Dis*. 2025;40(1):231. doi:10.1007/s00384-025-05011-8 PMID: 41231265
12. Kement M, Tekin A, Baysal H, Tosun S, Alimoğlu O, Sücüllü İ, ..., **Arslan NC**, et al. Patient-reported outcomes after hemorrhoid surgery: early results from a prospective, nationwide, real-world, cohort study on diverse approaches. *Ann Coloproctol*. 2025;41(6):573-585. doi:10.3393/ac.2025.00710.0101 PMID: 41486915
13. **Arslan NC**, Karagoz E, Altintas T, Pekuz C, Yildirim Y, Oncel M. Retrospective analysis on the efficacy of botulinum toxin alone versus combined botulinum toxin and topical diltiazem. *Int J Colorectal Dis*. 2025;40(1):54. doi:10.1007/s00384-025-04823-y PMID: 40009123
14. **Arslan NC**, Yildirim Y, Kocak M, Bisgin T, Bayraktar IE, Bayraktar O. The 5-year outcomes and predictors of healing in chronic anal fissure treated with botulinum toxin: a retrospective analysis of 199 cases. *Tech Coloproctol*. 2025;29(1):122. doi:10.1007/s10151-025-03162-y PMID: 40413661
15. Tunali V, **Arslan NC**, Ermiş BH, Derviş Hakim G, Gündoğdu A, Hora M, et al. A Multicenter Randomized Controlled Trial of Microbiome-Based Artificial Intelligence-Assisted Personalized Diet vs Low-Fermentable Oligosaccharides, Disaccharides, Monosaccharides, and Polyols Diet: A Novel Approach for the Management of Irritable Bowel Syndrome. *Am J Gastroenterol*. 2024;119(9):1901-1912. doi:10.14309/ajg.0000000000002862 PMID: 38717025
16. Gurland BH, Olson CH, McCarthy MS, Bordeianou LG, et al.; Rectal Prolapse Core Descriptor Delphi Collaborators (incl. **Arslan NC**) Core Descriptor Sets for Rectal Prolapse Outcomes Research Using a Modified Delphi Consensus. *Dis Colon Rectum*. 2024;67(6):841-849. doi:10.1097/dcr.0000000000003187 PMID: 38231033
17. Özata Hİ, **Arslan NC**, Karahan NS, Tatar C, Aydın İ, Kozan R, et al. General Surgeons' Approach to Pilonidal Abscess in Turkey: Results of a Nationwide Survey. *Turk J Colorectal Dis*. 2024. doi:10.4274/tjcd.galenos.2024.2024-5-2
18. Samalavicius NE, Gupta RK, Nunoo-Mensah J, Fortunato R, Lohsiriwat V, Khanal B, et al.; ISUCRS Global Haemorrhoid Audit Collaborators (incl. **Arslan NC**) Global treatment of haemorrhoids-A worldwide snapshot audit conducted by the International Society of University Colon and Rectal Surgeons. *Colorectal Dis*. 2024;26(10):1797-1804. doi:10.1111/codi.17140 PMID: 39169548
19. Altıntaş T, **Arslan NC**. Relationship between pelvic floor complaints and multicompartiment prolapsus. *J Health Sci Med*. 2024;7. doi:10.32322/jhsm.1438190
20. Akyol H, **Arslan NC**, Kocak M, Shahhosseini R, Pekuz CK, Haksal M, et al. Splenic flexure mobilization: does body topography matter?. *Tech Coloproctol*. 2024;29(1):31. doi:10.1007/s10151-024-03070-7 PMID: 39704824
21. Özdenkaya Y, Basım P, **Arslan NC**. Value of Preoperative Neutrophil-to-Lymphocyte Ratio in Predicting Thyroid Cancer in Intermediate Category Fine Needle Aspiration Pathology. *J Surg Res (Houst)*. 2024;7. doi:10.26502/jsr.10020341
22. **Arslan NC**, Deniz E, Özdenkaya Y. Pit-Picking with Laser Treatment Versus Pit-Picking Alone in Pilonidal Disease: Retrospective Mid-Term Results. *Turk J Colorectal Dis*. 2023;33. doi:10.4274/tjcd.galenos.2023.2023-8-2
23. Bisgin T, Sökmen S, **Arslan NC**, Ozkardesler S, Barlik Obuz F. The risk factors for gastrointestinal anastomotic leak after cytoreduction with hyperthermic intraperitoneal chemotherapy. *Ulus Travma Acil Cerrahi Derg*. 2023;29(3):370-378. doi:10.14744/tjtes.2023.52358 PMID: 36880628
24. **Arslan NC**, Gündoğdu A, Tunali V, Topgül OH, Beyazgül D, Nalbantoğlu ÖU. Efficacy of AI-Assisted Personalized Microbiome Modulation by Diet in Functional Constipation: A Randomized Controlled Trial. *J Clin Med*. 2022;11(22). doi:10.3390/jcm11226612 PMID: 36431088
25. Aliyev V, **Arslan NC**, Goksoy B, Guven K, Goksel S, Asoglu O. Is robotic da Vinci Xi® superior to the da Vinci Si® for sphincter-preserving total mesorectal excision? Outcomes in 150 mid-low rectal cancer patients. *J Robot Surg*. 2022;16(6):1339-1346. doi:10.1007/s11701-021-01356-8 PMID: 35107708
26. Aysal Ağalar A, Ağalar C, **Arslan NC**, Egeli T, Özbilgin M, Ünek T, et al. Prognostic value of the morphological features of postperfusion liver biopsies in liver transplantation. *Cukurova Med J*. 2022;47(4):1395-1402. doi:10.17826/cumj.1132784
27. Özdenkaya Y, **Arslan NC**, Basım P, Olmuşçelik O. Factors Associated with Postoperative Chronic Pain and Recurrence After Laparoscopic Total Extraperitoneal Inguinal Hernia Repair. *Eur Arch Med Res*. 2020;36(1). doi:10.4274/eamr.galenos.2019.65807
28. Agalar C, Sokmen S, **Arslan NC**, Altay C, Basara I, Canda AE, et al. The impact of sarcopenia on morbidity and long-term survival among patients with peritoneal metastases of colorectal origin treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: a 10-year longitudinal analysis of a single-center experience. *Tech Coloproctol*. 2020;24(4):301-308. doi:10.1007/s10151-020-02159-z PMID: 32080800

29. Özdenkaya Y, Ersavaş C, Olmuşçelik O, Basım P, Özöver İ, Şeker M, ..., **Arslan NC**, et al. Comparison of the Bethesda system classification and postoperative cytology of thyroid nodules: A single center experience. *Dicle Med J*. 2019;46(2):443-448. doi:10.5798/dicletip.620391
30. **Arslan NC**, Özdenkaya Y. Duration of the symptoms influences the outcome after botulinum toxin injection in anal fissure. *Turk J Colorectal Dis*. 2019;29(1):33-38. doi:10.4274/tjcd.galenos.2018.94547
31. Ağalar C, Sökmen S, **Arslan NC**, Başara Akın I, Altay C, Canda Aras E, et al. Peritoneal Disease Severity Score Predicts the Prognosis of Peritoneal Metastasis of Colorectal Origin: A 10-year Longitudinal Analysis of a Single-center Experience. *Turk J Colorectal Dis*. 2019;29(3):133-138. doi:10.4274/tjcd.galenos.2019.02693
32. Terzi C, Bingul M, **Arslan NC**, Ozturk E, Canda AE, Isik O, et al. Randomized controlled trial of 8 weeks' vs 12 weeks' interval between neoadjuvant chemoradiotherapy and surgery for locally advanced rectal cancer. *Colorectal Dis*. 2019;22(3):279-288. doi:10.1111/codi.14867 PMID: 31566843
33. Ozdenkaya Y, Olmuscelik O, Basım P, Saka B, **Arslan NC**. The effect of fibrin glue in preventing staple-line leak after sleeve gastrectomy. An experimental study in rats. *Acta Cir Bras*. 2019;34(8):e201900801. doi:10.1590/s0102-865020190080000001 PMID: 31618401
34. **Arslan NC**, Degirmenci AK, Ozdenkaya Y, Terzi C. Wound Irrigation with Chlorhexidine Gluconate Reduces Surgical Site Infection in Pilonidal Disease: Single-Blind Prospective Study. *Surg Infect (Larchmt)*. 2019;21(2):143-149. doi:10.1089/sur.2019.053 PMID: 31460835
35. Terzi MC, Agalar C, Habib S, Canda AE, **Arslan NC**, Obuz F. Closing Perianal Fistulas Using a Laser: Long-Term Results in 103 Patients. *Dis Colon Rectum*. 2018;61(5):599-603. doi:10.1097/dcr.0000000000001038 PMID: 29528908
36. Goztok M, Terzi MC, Egeli T, **Arslan NC**, Canda AE. Does Wound Irrigation with Clorhexidine Gluconate Reduce the Surgical Site Infection Rate in Closure of Temporary Loop Ileostomy? A Prospective Clinical Study. *Surg Infect (Larchmt)*. 2018;19(6):634-639. doi:10.1089/sur.2018.061 PMID: 30040537
37. **Arslan NC**, Atasoy G, Altintas T, Terzi C. Effect of triclosan-coated sutures on surgical site infections in pilonidal disease: prospective randomized study. *Int J Colorectal Dis*. 2018;33(10):1445-1452. doi:10.1007/s00384-018-3138-z PMID: 30062657
38. **Arslan NC**, Bişgin T, Altay C, Yavuzşen T, Karaoğlu A, Canda Aras E, et al. Is advanced age a hesitation for cytoreductive surgery and hyperthermic intraperitoneal chemotherapy in colorectal cancer?. *J BUON*. 2018.
39. Atasoy G, **Arslan NC**, Elibol FD, Sagol O, Obuz F, Sokmen S. Magnetic resonance-based pelvimetry and tumor volumetry can predict surgical difficulty and oncologic outcome in locally advanced mid-low rectal cancer. *Surg Today*. 2018;48(12):1040-1051. doi:10.1007/s00595-018-1690-3 PMID: 29961173
40. Canda AE, Terzi C, Agalar C, Egeli T, **Arslan NC**, Altay C, et al. Preventing parastomal hernia with modified stapled mesh stoma reinforcement technique (SMART) in patients who underwent surgery for rectal cancer: a case-control study. *Hernia*. 2018;22(2):379-384. doi:10.1007/s10029-017-1723-7 PMID: 29305784
41. Canda AE, **Arslan NC**, Terzi C, Sokmen S, Yavuzsen T, Ozkardesler S, et al. Treatment of intraoperatively detected peritoneal carcinomatosis of colorectal origin with cytoreductive surgery and intraperitoneal chemotherapy. *World J Surg Oncol*. 2018;16(1):70. doi:10.1186/s12957-018-1369-7 PMID: 29587771
42. Unek T, Egeli T, Özbilgin M, Çelik A, Atilla K, Ağalar C, ..., **Arslan NC**, et al. Long-term Results of Living Donors in Simultaneous Kidney and Liver Transplantations. *Transplant Proc*. 2017;49(3):403-406. doi:10.1016/j.transproceed.2017.01.020 PMID: 28340800
43. **Arslan NC**, Sokmen S, Avkan-Oguz V, Obuz F, Canda AE, Terzi C, et al. Infectious Complications after Cytoreductive Surgery and Hyperthermic Intra-Peritoneal Chemotherapy. *Surg Infect (Larchmt)*. 2016;18(2):157-163. doi:10.1089/sur.2016.102 PMID: 27906610
44. Topgül K, Çetinkaya MB, **Arslan NC**, Gül MK, Çan M, Gürsel MF, et al. Cytoreductive surgery (SRC) and hyperthermic intraperitoneal chemotherapy (HIPEC) for treatment of peritoneal carcinomatosis: Our initial experience and technical details. *Ulus Cerrahi Derg*. 2015;31(3):138-47. doi:10.5152/ucd.2015.2990 PMID: 26504417
45. **Arslan NC**, Sökmen S, Avkan OV, Atasoy G, Bisgin T, Canda Aras E, et al. Infectious complications and risk factors in the treatment of peritoneal carcinomatosis of colorectal origin [in Turkish]. *Turk J Colorectal Dis*. 2015;25(4):122-130.
46. Terzi C, Egeli T, Canda AE, **Arslan NC**. Management of enteroatmospheric fistulae. *Int Wound J*. 2014;11 Suppl 1:17-21. doi:10.1111/iwj.12288 PMID: 24851732
47. Atilla K, **Arslan NC**, Derici ZS, Canda Aras E, Sağol Ö, Oztop I, et al. Neutrophil-to-lymphocyte ratio: could it be used in the clinic as prognostic marker for gastrointestinal stromal tumor?. *Hepatogastroenterology*. 2014;61(134):1649-1653.
48. Terzi C, **Arslan NC**, Canda AE. Peritoneal carcinomatosis of gastrointestinal tumors: where are we now?. *World J Gastroenterol*. 2014;20(39):14371-80. doi:10.3748/wjg.v20.i39.14371 PMID: 25339824

49. **Arslan NC**, Sokmen S, Canda AE, Terzi C, Sarioglu S. The prognostic impact of the log odds of positive lymph nodes in colon cancer. *Colorectal Dis.* 2014;16(11):O386-92. doi:10.1111/codi.12702 PMID: 24980876
50. Canda Aras E, Sökmen S, Terzi C, **Arslan NC**, Oztop I, Karabulut B, et al. Complications and Toxicities After Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. *Ann Surg Oncol.* 2013;20(4):1082-1087. doi:10.1245/s10434-012-2853-x
51. Unek T, Egeli T, Ozbilgin M, **Arslan NC**, Astarcioglu H, Karademir S, et al. Retrospective analysis of risk factors affecting pancreatic fistula formation after the closure of the pancreatic stump with sutures in distal pancreatectomy. *Hepatogastroenterology.* 2013;60(127):1778-84. PMID: 24624452
52. Taskin HE, **Arslan NC**, Aliyev S, Berber E. Robotic endocrine surgery: state of the art. *World J Surg.* 2013;37(12):2731-9. doi:10.1007/s00268-013-2154-y PMID: 23897443
53. Unek T, Karademir S, **Arslan NC**, Egeli T, Atasoy G, Sağol Ö, et al. Comparison of Milan and UCSF criteria for liver transplantation to treat hepatocellular carcinoma. *World J Gastroenterol.* 2011;17(37):4206-4212. doi:10.3748/wjg.v17.i37.4206

Surgical video articles (video vignettes) (6)

54. Atici SD, Yildirim Y, Canda AE, Terzi MC, **Arslan NC**, Bayraktar İE, et al. Complex ventral hernia repair using botulinum toxin with combination of Fasciotens® after colorectal surgery: A video vignette. *Colorectal Dis.* 2026;28(1):e70374. doi:10.1111/codi.70374 PMID: 41536104
55. **Arslan NC**, Yildirim Y, Ermec ED, Bayraktar İE. Laparoscopic resection-rectopexy with natural orifice specimen extraction (NOSE): In a male with recurrent internal rectal prolapse-A video vignette. *Colorectal Dis.* 2026;28(9):e70615. doi:10.1111/codi.70615 PMID: 42717794
56. Yildirim Y, Karakaş S, **Arslan NC**. Laparoscopic Ventral Mesh Rectopexy and Lateral Suspension for Multicompartment Prolapse: A Video Vignette. *Turk J Colorectal Dis.* 2025. doi:10.4274/tjcd.galenos.2025.2025-5-5
57. **Arslan NC**. Logistical requirements for high-resolution anoscopy: Pre-procedure preparation and materials - A video vignette. *Colorectal Dis.* 2025;27(11):e70318. doi:10.1111/codi.70318 PMID: 41267636
58. Yildirim Y, **Arslan NC**, Bayraktar O, Bayraktar İE. Martius flap in recurrent rectovaginal fistula: a video vignette. *Int J Colorectal Dis.* 2025;40(1):215. doi:10.1007/s00384-025-05004-7 PMID: 41099837
59. Yildirim Y, Akgun AS, **Arslan NC**. Transanal advancement flap in a female patient with anterior transsphincteric anal fistula: a video vignette. *Tech Coloproctol.* 2025;29(1):167. doi:10.1007/s10151-025-03175-7 PMID: 40974462

Case reports (6)

60. **Arslan NC**, Erenler I, Karaoz E. Complete Healing After Umbilical Mesenchymal Stem Cell-Derived Exosome Therapy For a Refractory Complex Anal Fistula. *Cureus.* 2026;18(2):e104324. doi:10.7759/cureus.104324 PMID: 41909365
61. **Arslan NC**, Göksel S, Asoğlu O. Multivisceral resection for synchronous inflammatory myofibroblastic tumors of the lung and stomach. *J Pediatr Surg Case Rep.* 2020;52:101355. doi:10.1016/j.epsc.2019.101355
62. Ağalar C, Atila K, **Arslan NC**, Derici ZS, Bora S. Adult morgagni hernia: a single center experience of 5 cases and review of literature. *Turk J Surg.* 2019;35(4):321-324. doi:10.5578/turkjsurg.3929 PMID: 32551430
63. Ozdenkaya Y, Ersavas C, **Arslan NC**. Robotic transoral vestibular parathyroidectomy: Two case reports and review of literature. *World J Clin Cases.* 2018;6(12):542-547. doi:10.12998/wjcc.v6.i12.542 PMID: 30397611
64. Canda Aras E, **Arslan NC**, Bisgin T, Yıldırım N, Saatlı HB. Pure NOTES appendectomy with single port laparoscopy instruments: case presentation. *Robot Laparosc Endosurg.* 2015;1:1-3.
65. Unek T, Egeli T, Sevinç Aİ, **Arslan NC**. Spontaneous intestinal intramural hematoma due to warfarin use: report of two cases. *Ulus Cerrahi Derg.* 2011;27(3):167. doi:10.5097/1300-0705.ucd.547-10.01

Editorials, letters and replies (4)

66. **Arslan NC**. Pilonidal disease: Gaps in the guidelines and future perspectives. *Turk J Surg.* 2025;41(3):216-218. doi:10.47717/turkjsurg.2025.2025-5-19 PMID: 40619724
67. Canda AE, Bisgin T, **Arslan NC**, Altay C, Terzi C. Long-term outcomes of preventing parastomal hernia using the modified stapled mesh stoma reinforcement technique (SMART) in rectal cancer surgery: letter to the editor. *Hernia.* 2024;28(5):2011-2012. doi:10.1007/s10029-024-03082-0 PMID: 38874660
68. Canda AE, Terzi C, Ağalar C, Egeli T, **Arslan NC**, Altay C, et al. Reply to Comment to: Preventing parastomal hernia with modified stapled mesh stoma reinforcement technique (SMART) in patients who underwent surgery for rectal cancer: a case-control study. Li J, Zhang W. *Hernia.* 2018;22(6):1043-1044. doi:10.1007/s10029-018-1763-7 PMID: 29623495

69. Arslan NC, Atila K, Unlu M, Bora S. Gastric metastasis of breast cancer mimicking primary gastric cancer: A case report. *Turk J Gastroenterol.* 2012;23(6):808-809. doi:10.4318/tjg.2012.0470

Books and book chapters

- Arslan NÇ, Akyol C (eds). *Hemoroidal Hastalıkta Güncel Tedavi* [Current treatment of haemorrhoidal disease]. İstanbul: Bilmedya; 2023. 104 pp. ISBN 978-975-8267-40-8.
- Arslan NC, Tolley NS, Berber E. Robotic parathyroidectomy. In: Terris DJ, Duke WS, Pasieka JL (eds). *Parathyroid Surgery: Fundamental and Advanced Concepts*. San Diego: Plural Publishing; 2014. ISBN 978-1-59756-541-7.
- Arslan NÇ. Benign colorectal diseases [in Turkish]. In: Akkapulu N (ed). *Türk Cerrahi Derneği Yeterlik Okulu Ders Notları* [Turkish Surgical Association Board School Lecture Notes], 2nd ed. Ankara: Türk Cerrahi Derneği; 2025. Chapter 34.
- Arslan NÇ, Topgül K. Systemic inflammatory response [in Turkish]. In: Topgül K (ed). *Genel Cerrahi*. İstanbul: İstanbul Tıp Kitabevleri; 2022. ISBN 978-625-7291-21-7.

THESES SUPERVISED

- Karagöz E. Retrospective analysis of the effect of topical diltiazem added to botulinum toxin injection on healing and recurrence in anal fissure. Specialty thesis in General Surgery, İstanbul Medipol University, 2022.

PROFESSIONAL MEMBERSHIPS

- European Society of Coloproctology (ESCP), 2017–
- Turkish Society of Colon and Rectal Surgery (TSCRS), 2016–
- Turkish Surgical Association, 2014–
- International Pilonidal Society
- Society of Thermal Medicine, 2018–
- Surgical Infection Society, 2015–2016