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CURRENT ROLE AT STANFORD

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Publications

PUBLICATIONS

- **Angioscopic study of the major dural venous sinuses in human cadavers** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Senol, Y., Liu, A., Krishnan, N., Haider, A., Orscelik, A., Kumar, P., Krishnan, N., Cho, B., Pardalidis, P., Amans, M., Savastano, L.
2026
- **Evaluating a calcium chloride-elastase combination for creating large aneurysms in the endovascular rabbit elastase model** *INTERVENTIONAL NEURORADIOLOGY*
Bilgin, C., Bayraktar, E., Ding, Y., El Hajj, G., Oliver, A. A., Senol, Y., Kallmes, D. F., Kadirvel, R.
2025; 15910199251390598
- **Comparative analysis of endovascular treatment methods for anterior choroidal aneurysms: single center study with 80 aneurysms** *ACTA NEUROCHIRURGICA*
Senol, Y., Ciftci, H., Oz, Z., Duman, D., Sayin, B., Akmangit, I., Ozbakir, M., Divanlioglu, D., Belen, A., Daglioglu, E.
2025; 167 (1): 235
- **Development and validation of a perfused cadaveric model for neurovascular transradial access with insights from angiography and angioscopy** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Senol, Y., Krishnan, N., Asghariahmadabad, M., Madhani, S., Liu, A., Orscelik, A., Mattay, R., Han, W., Amans, M., Savastano, L.
2026; 18 (4): 1119-1125
- **Device-anatomy interactions in the dural venous sinuses: angioscopic insights from a perfused human cadaveric model** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Senol, Y., Krishnan, N., Liu, A., Krishnan, N., Cho, B., Haider, A., Kumar, P., Pardalidis, P., Leong, D., Amans, M., Savastano, L.
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- **Comparative analysis of syringes versus pump devices in benchtop aspiration thrombectomy models: A systematic review and meta-analysis** *INTERVENTIONAL NEURORADIOLOGY*
Senol, Y., Li, J., Orscelik, A., Kobeissi, H., Bilgin, C., Oliver, A. A., Ghozy, S., Kadirvel, R., Kallmes, D. F.
2026; 32 (3): 891-897
- **The safety profile of single antiplatelet therapy with flow diverters: Systematic review and meta-analysis** *INTERVENTIONAL NEURORADIOLOGY*
Senol, Y., Orscelik, A., Ghozy, S., Hassan, K., Arul, S., Bilgin, C., Kadirvel, R., Kallmes, D. F.
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- **Impact of branch arteries on efficacy of endoluminal flow diverters: Insights from posterior communicating artery aneurysms** *INTERVENTIONAL NEURORADIOLOGY*

- Bilgin, C., Kandemirli, S., Ghozy, S., Orscelik, A., Kobeissi, H., Senol, Y., Shehata, M., Kadirvel, R., Brinjikji, W., Kallmes, D. F.
2026; 32 (3): 780-789
- **Distal versus conventional transradial access for diagnostic cerebral angiography and neurointerventional procedures: A systematic review and meta-analysis** *INTERVENTIONAL NEURORADIOLOGY*
Orscelik, A., Senol, Y., Kobeissi, H., Ghozy, S., Bilgin, C., Arul, S., Kadirvel, R., Brinjikji, W., Kallmes, D. F.
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 - **Delphi Consensus on Early Neurologic Improvement after Mechanical Thrombectomy.** *AJNR. American journal of neuroradiology*
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 - **Middle meningeal artery embolization combined with surgical evacuation for chronic subdural hematoma: A single-center experience of 75 cases** *INTERVENTIONAL NEURORADIOLOGY*
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 - **Endovascular treatment outcomes in patients with residual cerebral aneurysmatic filling after open surgery** *NEUROSURGICAL REVIEW*
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 - **Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories, 1990-2023** *JACC-JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
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 - **The global, regional, and national burden of cancer, 1990-2023, with forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2023** *LANCET*
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- **Global, regional, and national prevalence of adult overweight and obesity, 1990-2021, with forecasts to 2050: a forecasting study for the Global Burden of Disease Study 2021.** *Lancet (London, England)*
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- **Impact of carotid artery tortuosity on mechanical thrombectomy outcomes: A systematic review** *NEURORADIOLOGY JOURNAL*
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- **Comparative analysis of single plane and biplane angiography systems for mechanical thrombectomy for acute ischemic stroke: a systematic review and meta-analysis** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
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- **Endovascular outcomes for anterior choroidal artery aneurysms: systematic review and meta-analysis** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
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- **Comparative efficacy, safety, and DMSO compatibility of detachable vs. non-detachable tip microcatheters in neurointerventional procedures: A systematic review and meta-analysis** *JOURNAL OF NEURORADIOLOGY*
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- **Endovascular Embolization Techniques for Cerebrospinal Fluid-Venous Fistula in the Treatment of Spontaneous Intracranial Hypotension** *RADIOLOGIC CLINICS OF NORTH AMERICA*
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- **Safety and efficacy profile of off-label use of the Pipeline Embolization Device: A systematic review and meta-analysis** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
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 - **Outcomes of mechanical thrombectomy in M1 occlusion patients with or without hyperdense middle cerebral artery sign: A systematic review and meta-analysis** *NEURORADIOLOGY JOURNAL*
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 - **Metabolite signature in acute ischemic stroke thrombi: a systematic review** *JOURNAL OF THROMBOSIS AND THROMBOLYSIS*
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 - **Endovascular treatment outcomes of vertebrobasilar junction aneurysms: Systematic review and meta-analysis** *INTERVENTIONAL NEURORADIOLOGY*
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 - **First-pass effect in posterior acute ischemic stroke undergoing endovascular thrombectomy: A systematic review and meta-analysis** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
Kobeissi, H., Adusumilli, G., Ghozy, S., Dmytriw, A. A., Senol, Y., Orscelik, A., Bilgin, C., Kadirvel, R., Brinjikji, W., Kallmes, D. F.
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 - **2b Or 2c-3? A meta-analysis of first pass thrombolysis in cerebral infarction 2b vs multiple pass thrombolysis in cerebral infarction 2c-3 following mechanical thrombectomy for stroke** *INTERVENTIONAL NEURORADIOLOGY*
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 - **Treatment of Ruptured Anterior Choroidal Artery Aneurysms by Acute Coiling Followed by Flow Diversion** *WORLD NEUROSURGERY*
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 - **Phenox HPC and Phenox flow modulation devices for the endovascular treatment of intracranial aneurysms: a systematic review and meta-analysis** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
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 - **Isolated Cerebral Cyst Hydatid Removal with Dowling's Technique in a 6-Year-Old Pediatric Patient: Case Report.** *Asian journal of neurosurgery*
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- **Effects of intravenous thrombolysis on stent retriever and aspiration thrombectomy outcomes: a systematic review and meta-analysis of the randomized controlled trials** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
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- **EFFECTIVENESS OF ULTRASONOGRAPHYGUIDED CAUDAL EPIDURAL STEROID INJECTION IN IMPROVING PAIN AND FUNCTIONAL STATUS OF GERIATRIC PATIENTS WITH SPINAL PAIN** *TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI*
Guler, A., Can Senol, Y., Akpinar, A., Ciftci, H., Yigit, M., Gence Oz, Z., Orhun, E., Dalgic, A.
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- **The Evaluation of Low-Profile Surpass Evolve™ Flow Diverter for Endovascular Treatment of Distal Cerebral Artery Aneurysms: A Single-Center Experience** *TURKISH NEUROSURGERY*
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- **Primary, Dural-based, Ewing sarcoma in a pediatric patient: presentation of a rare tumor entity with literature review** *CHILDS NERVOUS SYSTEM*
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- **An infant with posterior fossa hemangioma with aortic stenosis: Case report and review of the literature** *JOURNAL OF PEDIATRIC NEUROSCIENCES*
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