

Department of Neurology

Recent Publications

Fehnel CR, Cooper Z, Campbell M, Habtemariam D, Trivison TG, Forsman D, Schwartzstein RM, White DB, Mitchell SL, On behalf of the OBSERVE-WMV investigators, Withdrawal of Mechanical Ventilation in the Intensive Care Unit: A Prospective Observational Study, CHEST Critical Care (2025), (In Press) doi: <https://doi.org/10.1016/j.chstcc.2025.100204>.

Creutzfeldt CJ, Bogetz J, Candrian C, Colborn KL, Crooms RC, **Fehnel CR**, Fleisher JE, Hasnain-Wynia R, Hopfgarten M, Hwang DY, Kluger BM, Leeper HE, Lemmon ME, Muehlschlegel S, Ritchie CS, Saadi A, Sumrall M, Treat L, Vranceanu AM, Zahuranec DB. Proceedings of the First Neuropalliative Care Research Summit (NeuroCARES). J Pain Symptom Manage. 2025 Aug 26:S0885-3924(25)00800-0. doi: 10.1016/j.jpainsymman.2025.08.024. Epub ahead of print. PMID: 40876664.

Fischer AG, Campbell ML, Hayes MM, Schwartzstein RM, White DB, Mitchell SL, **Fehnel CR**. Study protocol testing feasibility of the Comfort Measures Only Time out (CMOT) to reduce distress during palliative withdrawal of mechanical ventilation. Pilot Feasibility Stud. 2025 Aug 13;11(1):109. doi: 10.1186/s40814-025-01688-4. PMID: 40804432; PMCID: PMC12345127.

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Meurer KJ, Presciutti AM, Bannon SM, Kubota R, Baskaran N, Kim J, Zhang Q, Reichman M, Fishbein NS, Lichstein K, Motta M, Muehlschlegel S, Reznik ME, Jaffa MN, Creutzfeldt CJ, **Fehnel CR**, Tomlinson AD, Williamson CA, Vranceanu AM, Hwang DY; COMA-F Investigators. Characterizing Stressors and Coping Strategies Among Caregivers of Patients with Severe Acute Brain Injury by Level of Distress. *Neurocrit Care*. 2025 Jun 6. doi: 10.1007/s12028-025-02294-1. Epub ahead of print. PMID: 40481284.

Hwang DY, Reichman M, Bannon SM, Meurer K, Kubota R, Kim J, Baskaran N, Zhang Q, Fishbein NS, Lichstein K, Presciutti AM, Woodworth EC, Motta M, Muehlschlegel S, Reznik ME, Jaffa MN, Creutzfeldt CJ, **Fehnel CR**, Tomlinson AD, Williamson CA, Vranceanu AM; Coma Family Investigators. Psychosocial Support Needs and Preferences Among Family Caregivers of ICU Patients with Severe Acute Brain Injury: A Qualitative Thematic Analysis. *Neurocrit Care*. 2025 Aug;43(1):223-231. doi: 10.1007/s12028-024-02202-z. Epub 2025 Jan 16. PMID: 39821565.

Lau WK, **Fehnel CR**, Macchi ZA, Mehta AK, Auffret M, Bogetz JF, Fleisher JE, Graber JJ, Leeper HE, Manglani-Terranova HR, Muehlschlegel S, Mroz EL, Pedowitz EJ, Ramanathan U, Sarmet M, Shlobin NA, Sokol L, Weeks SA, Xu J, Bundy Medsger H, Creutzfeldt CJ, Vranceanu AM, Zahuranec DB, Hwang DY. Research Priorities in Neuropalliative Care: A Consensus Statement From the International Neuropalliative Care Society. *JAMA Neurol*. 2025 Mar 1;82(3):295-302. doi: 10.1001/jamaneurol.2024.4932. PMID: 39899319.

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Recent Publications

[Choroid Plexus Enlargement in Multiple Sclerosis Correlates with Cortical and Phase Rim lesions on 7-T MRI and Predicts Progression Independent of Relapse Activity.](#)

Barbuti E, Conti A, Treaba CA, Miscioscia A, Barletta VT, Herranz E, Sloane JA, Klawiter EC, Toschi N, Mainero C.

AJNR Am J Neuroradiol. 2025 Aug 25:ajnr.A8983. doi: 10.3174/ajnr.A8983. Online ahead of print.

PMID: 40854683

[Choroid Plexus Enlargement in Multiple Sclerosis Correlates with Cortical and Phase Rim lesions on 7-T MRI and Predicts Progression Independent of Relapse Activity.](#)

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[Malignant melanoma and multiple sclerosis therapies: A disproportionality analysis of the FDA adverse event reporting system.](#)

Balshi A, Dempsey JP, Manning N, Leuenberger G, Baber U, Sloane JA.

Mult Scler. 2025 Jun 25;13524585251342725. doi: 10.1177/13524585251342725. Online ahead of print.

PMID: 40566642

[Clinical characteristics associated with multiple sclerosis fatigue severity.](#)

Balshi A, Dempsey JP, Manning N, Kriemler M, Kumbar S, Leuenberger G, Padilla L, Baber U, Sloane JA.

Mult Scler Relat Disord. 2025 Aug;100:106528. doi: 10.1016/j.msard.2025.106528. Epub 2025 May 22.

Zhang P. The most efficient way for prevention medications selection. Headache. 2025 Aug 22. doi: 10.1111/head.15048. Epub ahead of print. PMID: 40847561.

<https://headachejournal.onlinelibrary.wiley.com/doi/10.1111/head.15048>