Christos Lazaridis, M.D.

- **Assistant Professor of Neurology**

Clinical Service Area

Neurology

Board Certification

United Council for Neurologic Subspecialties, Neurocritical Care
European Society of Intensive Care Medicine, Intensive Care Medicine
American Board of Psychiatry and Neurology, Vascular Neurology

Clinic Appointments

713-798-8472

Consult

713-798-8472

Medical School

M.D., University of Pecs Medical School, Pecs, Hungary

Internship

Internal Medicine, Graduate Hospital, Philadelphia, Penn.

Residency

Neurology, University of Texas, Southwestern Medical Center at Dallas, Texas

Clinical Fellowship

Neurocritical Care, Johns Hopkins University, Md.

Post-Doctoral Clinical Research Fellowship

Neurocritical and Neurotrauma Care, Addenbrooke's Hospital, University of Cambridge, Cambridge, United Kingdom

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Journal Publications

1. Desantis SM, Lazaridis C, Ji S, Spinale FG. Analyzing Propensity Matched Zero-Inflated Count Outcomes in Observational Studies. J Appl Stat. 2014;41(1):. [View journal article]
2. Desantis SM, Lazaridis C, Palesch Y, Ramakrishnan V. Regression analysis of ordinal stroke clinical trial outcomes: An application to the NINDS t-PA trial. Int J Stroke. 2014;9(2):226-31. [View journal article]
3. Desantis SM, Lazaridis C. Aprotinin revisited. Intensive Care Med. 2014;40(1):142. [View journal article]
4. Lazaridis C, Andrews CM. Traumatic spinal cord injury: learn from the brain!*. Crit Care Med. 2014;42(3):749-50. [View journal article]
5. Lazaridis C, Desantis SM, Smielewski P, Menon DK, Hutchinson P, Pickard JD, et al. Patient-specific thresholds of intracranial pressure in severe traumatic brain injury. J Neurosurg. 2014;:. [View journal article]
6. Lazaridis C. Plateau waves of intracranial pressure and mechanisms of brain hypoxia. J Crit Care. 2014;29(2):303-4. [View journal article]
7. Paraskevas KI, Lazaridis C, Andrews CM, Veith FJ, Giannoukas AD. Comparison of Cognitive Function after Carotid Artery Stenting versus Carotid Endarterectomy. Eur J Vasc Endovasc Surg. 2014;47(3):221-231. [View journal article]
8. Lazaridis C, DeSantis SM, Jauch EC, Adams RJ. Telestroke in South Carolina. J Stroke Cerebrovasc Dis. 2013;22(7):946-50. [View journal article]
9. Lazaridis C, Neyens R, Bodle J, DeSantis SM. High-osmolarity saline in neurocritical care: systematic review and meta-analysis. Crit Care Med. 2013;41(5):1353-60. [View journal article]
10. Lazaridis C, Smielewski P, Steiner LA, Brady KM, Hutchinson P, Pickard JD, et al. Optimal cerebral perfusion pressure: are we ready for it? Neurol Res. 2013;35(2):138-48. [View journal article]
11. Madey JJ, Hannah JA, Lazaridis C. Central pontine myelinolysis following acute hypoglycemia. Clin Neurol Neurosurg. 2013;115(10):2299-300. [View journal article]
12. Turk AS, Nyberg EM, Chaudry MI, Turner RD, Magarik JA, Nicholas JS, et al. Utilization of CT perfusion patient selection for mechanical thrombectomy irrespective of time: a comparison of functional outcomes and complications. J Neurointerv Surg. 2013;5(6):518-22. [View journal article]
13. Adams RJ, Debenham E, Chalela J, Chimowitz M, Hays A, Hill C, et al. REACH MUSC: A Telemedicine Facilitated Network for Stroke: Initial Operational Experience. Front Neurol. 2012;3:33. [View journal article]
14. Hall CE, Mirski M, Palesch YY, Diringer MN, Qureshi AI, Robertson CS, et al. Clinical trial design in the neurocritical care unit. Neurocrit Care. 2012;16(1):6-19. [View journal article]
15. Krishna V, Lazaridis C, Ellegala D, Glazier S, Kindy M, Spampinato M, et al. Spinal cord infarction associated with subarachnoid hemorrhage. Clin Neurol Neurosurg. 2012;114(7):1030-2. [View journal article]
16. Lazaridis C, Czosnyka M. Cerebral blood flow, brain tissue oxygen, and metabolic effects of decompressive craniectomy. Neurocrit Care. 2012;16(3):478-84. [View journal article]
17. Lazaridis C, DeSantis SM, McLawhorn M, Krishna V. Liberation of neurosurgical patients from mechanical ventilation and tracheostomy in neurocritical care. J Crit Care. 2012;27(4):417 e1-8. [View journal article]
18. Lazaridis C, DeSantis SM, Vandergrift AW, Krishna V. Cerebral blood flow velocity changes and the value of the pulsatility index post decompressive craniectomy. J Clin Neurosci. 2012;19(7):1052-4. [View journal article]
19. Lazaridis C. Advanced hemodynamic monitoring: principles and practice in neurocritical care. Neurocrit Care. 2012;16(1):163-9. [View journal article]
20. Lazaridis C. Cardiac output monitoring and fluid responsiveness. Neurocrit Care. 2012;16(3):486-7. [View journal article]
21. Turk A, Magarik JA, Chaudry I, Turner RD, Nicholas J, Holmstedt CA, et al. CT perfusion-guided patient selection for endovascular treatment of acute ischemic stroke is safe and effective. J Neurointerv Surg. 2012;4(4):261-5. [View journal article]
22. Wijman CA, Smirnakis SM, Vespa P, Szigeti K, Ziai WC, Ning MM, et al. Research and technology in neurocritical care. Neurocrit Care. 2012;16(1):42-54. [View journal article]
23. Hays AN, Lazaridis C, Neyens R, Nicholas J, Gay S, Chalela JA. Osmotherapy: use among neurointensivists. Neurocrit Care. 2011;14(2):222-8. [View journal article]
24. Lazaridis C, Bodle J, Chaudry I, Hays A, Chalela J. Familial nontraumatic, nonaneurysmal subarachnoid hemorrhage: a report on three first-degree siblings. J Neurosurg. 2011;115(3):621-3. [View journal article]

25. Lazaridis C, Naval N. Risk factors and medical management of vasospasm after subarachnoid hemorrhage. Neurosurg Clin N Am. 2010;21(2):353-64. [View journal article]
26. Lazaridis C, Pradilla G, Nyquist PA, Tamargo RJ. Intra-aortic balloon pump counterpulsation in the setting of subarachnoid hemorrhage, cerebral vasospasm, and neurogenic stress cardiomyopathy. Case report and review of the literature. Neurocrit Care. 2010;13(1):101-8. [View journal article]
27. Aravapalli A, Fox J, Lazaridis C. Cerebral fat embolism and the "starfield" pattern: a case report. Cases J. 2009;2:212. [View journal article]
28. Chik Y, Hoesch RE, Lazaridis C, Weisman CJ, Llinas RH. A case of postpartum cerebral angiopathy with subarachnoid hemorrhage. Nat Rev Neurol. 2009;5(9):512-6. [View journal article]
29. Lazaridis C, Hays AN, Neyens R, Chalela JA. Liberation from mechanical ventilation in the neurocritically ill. Crit Care Med. 2009;37(4):1531; author reply 1532. [View journal article]
30. Singer MA, Lazaridis C, Nations SP, Wolfe GI. Reversible nitrous oxide-induced myeloneuropathy with pernicious anemia: case report and literature review. Muscle Nerve. 2008;37(1):125-9. [View journal article]
31. Stevens RD, Lazaridis C, Chalela JA. The role of mechanical ventilation in acute brain injury. Neurol Clin. 2008;26(2):543-63, x. [View journal article]
32. Lazaridis C, Geocadin R, Mirski M. An association between hypernatremia, adverse cardiac outcomes and mortality in patients with subarachnoid hemorrhage. Neurocrit Care. 2007;7(3):270-1; author reply 272. [View journal article]
33. Lazaridis C, Torabi A, Cannon S. Bilateral third nerve palsy and temporal arteritis. Arch Neurol. 2005;62(11):1766-8. [View journal article]

Book Chapters and Other Publications

1. Bodle J, Lazaridis C. Transcranial doppler ultrasound (TCD) in neurocritical care-Part 1. In: Lumb PD, Karakitsos D, editors. Critical care ultrasound. New York: Elsevier; 2013. (in press).
2. Rehman M, Lazaridis C. Cardiothoraic ultrasound in neurocritical care. In: Lumb PD, Karakitsos D, editors. Critical care ultrasound. New York: Elsevier; 2013. (in press).

Poster and Platform Presentations

1. Lazaridis C. Patient-specific thresholds of intracranial pressure in patients with severe traumatic brain injury. Presented at the Neurocritical Care Society (NCS), 11th Annual Meeting in Philadelphia, Penn. (Oct. 1-4, 2013).
2. Chalela JA, Steffen C, Gay SE, Hill M, Andrews C, Neyens R, et al. Post t-PA care for acute stroke patients: comparison between intensive care unit admission and stroke unit admission. Neurocrit Care. 2012;17:S39.
3. Eriksson E, Rickey A, Leon S, Lazaridis C, Rickey J, Minshall C. Computed tomography pulmonary angiography: does it tell us more than we think? Neurocrit Care. 2012;17:S65.
4. Lazaridis C. Advanced hemodynamic monitoring in neurocritical care. Presented at the Henry Ford Hospital and University, Detroit, Mich. (2012). [Invited Talk, Division of Neurocritical Care]
5. Lazaridis C. Cerebral blood flow regulation: inside and outside the operating room. Presented at the Medical University of South Carolina, Charleston, S.C. (2012). [Anesthesiology/Critical Care and Perioperative Medicine Grand Rounds]
6. Lazaridis C. Critical care for ischemic stroke. Presented at the Medical University of South Carolina, U.S. Army Medical Research and Materiel Command, and the Telemedicine & Advanced Technology Research Center, Charleston, S.C. (2012). [CME program for physicians state-wide in South Carolina]
7. Lazaridis C. Critical ICP in severe TBI. Presented at the Cambridge University, Academic division of Neurosurgery, Research Seminar in Cambridge, UK (2012). [Invited Talk]
8. Lazaridis C. Optimal CPP, individualized ICP. Presented at the Medical University of South Carolina, Charleston, S.C. (2012). [Neuroscience Grand Rounds]
9. Graffagnino C, Bergese S, Love J, Schneider D, Lazaridis C, LaPointe M, et al. Aggressive blood pressure control with clevedipine in patients with acute intracerebral hemorrhage is rapid and well tolerated: the ACCELERATE trial. Stroke. 2011;42:e218.
10. Lazaridis C. Brain tissue oxygenation. Presented at the Medical University of South Carolina, Charleston, S.C. (2011). [Critical Care Grand Rounds]

11. Chalela J, Koval K, Jauch E, Neyens R, Hays A, Lazaridis C. Predicting critical care needs in stroke patients receiving intravenous thrombolysis. Neurocrit Care. 2010;13:S19. [Platform Presentation]
12. Graffagnino C, Bergese S, Love J, Schneider D, Lazaridis C, Lapointe M, et al. Effects of aggressive blood pressure reduction on hematoma volume in acute intracerebral hemorrhage: an analysis from the ACCELERATE trial (a single-arm, open-label study of clevidipine). Neurocrit Care. 2010;13:S94.
13. Hays A, Lazaridis C, Neyens R, Nicholas J, Gay S, Chalela J. Osmotherapy in clinical practice: a survey of practitioners. Neurocrit Care. 2010;13:S143.
14. Lazaridis C, DeSantis S, Mullins T, Harmon S, Chalela J. Cerebral blood flow velocity and pulsatility index changes post decompressive craniectomy. Neurocrit Care. 2010;13:S149.
15. Lazaridis C, Ling GS. General trauma. Presented at the Neurocritical Care Society (NCS), 8th Annual Meeting in San Francisco, Calif. (Sept. 15-18, 2010). [Neurocritical Care: Certification Review Course]
16. Ling GS, Lazaridis C. Neurotrauma. Presented at the Neurocritical Care Society (NCS), 8th Annual Meeting in San Francisco, Calif. (Sept. 15-18, 2010). [Neurocritical Care: Certification Review Course]
17. Lazaridis C. Critical care aspects in the management of aSAH. Presented at the Washington Hospital Center (Georgetown and George Washington Universities), Washington, DC (2010). [Critical Care Grand Rounds]
18. Lazaridis C. Critical care for SAH. Presented at the Medical University of South Carolina, Charleston, S.C. (2010). [Neurology and Neurosurgery Grand Rounds]
19. Lazaridis C. SAH: critical care and monitoring. Presented at the Medical University of South Carolina, Charleston, S.C. (2010). [Medicine Grand Rounds]
20. Chalela JA, Ramos L, Anderson K, Hays A, Lazaridis C, Gay S, et al. Ventilator associated pneumonia in neurosurgical patients; results of a one year prospective observational study. Neurocrit Care. 2009;11:S50.
21. Graffagnino C, Bergese S, Love J, Schneider D, Lazaridis C, Lapointe M, et al. Clevidipine rapidly and safely reduces blood pressure in patients with acute intracerebral hemorrhage: interim results of the ACCELERATE trial - first clinical experience in ICH. Neurocrit Care. 2009;11:S7. [Platform Presentation]
22. Lazaridis C. Neurocritical care for ischemic stroke. Presented at the Medical University of South Carolina, Integrated Stroke and Cerebrovascular Conference in Charleston, S.C. (March 12-14, 2009).
23. Lazaridis C. Overview of SAH 2009. Presented at the Medical University of South Carolina, Integrated Stroke and Cerebrovascular Conference in Charleston, S.C. (March 12-14, 2009).
24. Lazaridis C. General trauma and ATLS. Presented at the Neurocritical Care Society (NCS), 6th Annual Meeting in Miami, Fla. (Oct. 23-25, 2008). [Neurocritical Care: Certification Review Course]
25. Lazaridis C, Ziai W, Venkatraman A, Kim G, Geocadin R. Mechanical ventilation in status epilepticus. Crit Care Med. 2007;35(12 Suppl):A210.
26. Lazaridis C. Cerebral autoregulation: can we and should we monitor it? Presented at the Medical University of South Carolina, Charleston, S.C. (2008). [Neuroscience Grand Rounds]
27. Lazaridis C, Nyquist P. Intra-aortic balloon counterpulsation in the setting of aneurysmal subarachnoid hemorrhage, cerebral vasospasm, and cardiac stunning. Presented at the Neurocritical Care Society (NCS), 7th Annual Meeting in Las Vegas, Nev. (Oct. 31 - Nov. 3, 2007).
28. Lazaridis C, Ziai W, Geocadin R. Ventilator associated pneumonia in status epilepticus. Presented at the Neurocritical Care Society (NCS), 7th Annual Meeting in Las Vegas, Nev. (Oct. 31 - Nov. 3, 2007).
29. Ziai W, Lazaridis C, Geocadin R. Endotracheal intubation for management of adult status epilepticus. Presented at the Neurocritical Care Society (NCS), 7th Annual Meeting in Las Vegas, Nev. (Oct. 31 - Nov. 3, 2007).
30. Cardenas J, Lazaridis C, Unwin H. Seizures after intravenous iohexol for cerebral angiography. Neurocrit Care. 2005;2:238.
31. Lazaridis C, Cardenas J, Unwin H. Combined intravenous and intra-arterial thrombolysis in acute middle cerebral artery occlusion (MCAO). Neurocrit Care. 2005;2:240.
32. Lazaridis C, Singer M, Wolfe GI. Reversible myeloneuropathy due to vitamin B12 deficiency compounded by administration of nitrous oxide. Presented at the Texas Scottish Rite Hospital for Children, 27th Annual Carrell-Krusen Symposium in Dallas, Texas (Feb. 24-25, 2005). [Platform Presentation]
33. Lazaridis C, Torabi A, Cannon S. Bilateral third nerve palsy and temporal arteritis. Presented at the Texas Neurological Society, 2005 Winter Conference in Austin, Texas (Feb. 11-13, 2005). [Platform Presentation]

34. Lazaridis C, Nagy F, Czopf J. Median somatosensory evoked potential examinations in patients with primary generalized epilepsy. Presented at the International League Against Epilepsy (ILAE), Hungarian Section Meeting (2001). [Platform Presentation]