

Charles Hugh Brown IV

Professor of Anesthesiology, Perioperative and Pain Medicine (Cardiac)

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesiology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2022)
- Board Certification: Anesthesiology, American Board of Anesthesiology (2011)
- Fellowship: Johns Hopkins Hospital Adult Cardiothoracic Anesthesiology Fellowship (2011) MD
- Residency: Johns Hopkins Anesthesiology Residency (2010) MD
- Residency: Johns Hopkins Dept of Emergency Medicine Residency Program (2007) MD
- Medical Education: Johns Hopkins University School of Medicine (2005) MD

Publications

PUBLICATIONS

- **Continuous Monitoring of Cerebral Autoregulation in Adults Supported by Extracorporeal Membrane Oxygenation.** *Neurocritical care*
Zhang, L. Q., Chang, H., Kalra, A., Humayun, M., Rosenblatt, K. R., Shah, V. A., Geocadin, R. G., Brown, C. H., Kim, B. S., Whitman, G. J., Rivera-Lara, L., Cho, S. M.
2024
- **Continuous Monitoring of Cerebral Autoregulation in Adults Supported by Extracorporeal Membrane Oxygenation.** *Research square*
Zhang, L. Q., Chang, H., Kalra, A., Humayun, M., Rosenblatt, K. R., Shah, V. A., Geocadin, R. G., Brown, C. H., Kim, B. S., Whitman, G. J., Rivera-Lara, L., Cho, S. M.
2023
- **CEREBRAL OXIMETRY-DERIVED OPTIMAL BLOOD PRESSURE TARGETS IN ANEURYSMAL SUBARACHNOID HEMORRHAGE**
Shah, V., Humayun, M., Radzik, B., Palmisano, C., Anderson-White, M., Calvillo, E., Chang, H., Zhang, L., Hogue, C., Brown, C., Suarez, J., Geocadin, R., Cho, et al
LIPPINCOTT WILLIAMS & WILKINS.2023: 253