

Steven James, M.D.

Neurosurgeon



Specialty Areas

Brain Tumors
Peripheral nerve conditions
Back and neck pain

Medical School

Indiana University, Indianapolis, IN - 1981

Residency

Department of Neurosurgery
Ohio State University, Columbus, OH - 1991

Board Certification

American Board of Neurological Surgery

Hospital Affiliations

Community South Hospital
Hancock Memorial Hospital
Methodist Hospital
St. Francis Hospital
St. Vincent Hospital

Experience

Neurological Surgeon, ING, Indianapolis, IN

Clinical Instructor, Division of Neurological Surgery
Ohio State University, Columbus, OH – 1991

Clinical Instructor, Children's Hospital, Columbus, OH – 1991

Clinical Instructor, Riverside Methodist Hospital, Columbus, OH - 1991

Professional Memberships

American Association of Neurological Surgeons
American Medical Association
Congress of Neurological Surgeons
Indiana State Medical Association
Indianapolis Medical Society

Publications

Matalka, K. Z., M. Q. Bailey, R. F. Barth, A. E. Staubus, D. M. Adams, A. E. Soloway, S. M. James, J. H. Goodman, and E. K. Rofstad. Development of a rat model for the treatment of cerebral metastases of melanoma by BNCT. Fourth International Symposium on Neutron Capture Therapy. Sydney, Australia, December 4-7, 1990. (Submitted July 1990)

McGregor, J. M., S. M. James, N. R. Clendenon, R. G. Fairchild, and J. H. Goodman. Radiation effects in a glioma model treated with neutron capture therapy. Fourth International Symposium on Neutron Capture Therapy. Sydney, Australia, December 4-7, 1990. (Submitted for presentation)

James, S. M., J. H. Goodman, R. A. Gahbauer, C. Kanellitsas, and R. G. Fairchild. A clinical trial using iodinated deoxyuridine, Ir-192 interstitial implants, and external radiation for the treatment of malignant astrocytomas. *Journal of Neurosurgery* 72:341A, 1990.

Jone-Juin, T., R. F. Barth, C. G. Orosz, and S. M. James. Phenotype and functional activity of tumor infiltrating lymphocytes isolated from immunogenic and non-immunogenic rat brain tumors. *Cancer Research* submitted for publication, July 1990.

Chooi, W. Y., S. M. James, and D. K. Burns. Decrease in ribosomal proteins 1, 2/3, L4, and L7 in drosophila melanogaster in the absence of X rDNA. *Molecular and General Genetics* 187(3):364-369. 1982.

Presentations

James, Stephen. Neurological Emergencies. Presented at the Indianapolis Regional Heart Center at St Francis Hospital, 31 October, 1992.

James, Stephen. A Clinical Trial Using Iodinated Deoxyuridine, Ir-192 Interstitial Implants, and External Radiation for the Treatment of Malignant Astrocytomas. Session, Nashville, TN, April 1990.

Research

Photon Activation Therapy: Samarium-145 interstitial Implants

Methyl-methacrylate corrosion casts of cerebral microvasculature in a rat glioma model. Ultrastructural studies.

Boron Neutron Capture Therapy: Angiogenic alteration of rat CNS microvasculature in response to tumor implantation and radiation therapy.