

Thomas Westermaier

Nationality: German | **Gender** Male

About me: Neurosurgeon, Researcher in vascular and spinal neurosurgery, focus on new therapeutical options beyond current standards

● WORK EXPERIENCE

01/10/2020 – CURRENT – Dachau, Germany

CHAIR OF NEUROSURGERY – HELIOS AMPER KLINIKUM DACHAU

Chair of the Department of Neurosurgery

Building up new Department

Spine Surgery

Vascular Neurosurgery

Neurooncology

Neuro-Intensive Care

01/02/2002 – 30/09/2020 – Würzburg, Germany

RESIDENT AND SENIOR NEUROSURGEON – UNIVERSITY HOSPITAL WÜRZBURG

Vice Chair of Department of Neurosurgery

Spinal Neurosurgery

Vascular Neurosurgery

Neurosurgical Intensive Care

Coordination of Research Activities with Focus on vascular and spinal Neurosurgery

● EDUCATION AND TRAINING

Munich, Germany

MEDICAL SCHOOL – University of Munich (LMU)

● PUBLICATIONS

10 selected publications

Westermaier T, Jauss A, Eriskat J, Kunze E, Roosen K. Time-course of cerebral perfusion and tissue oxygenation in the first 6 h after experimental subarachnoid hemorrhage in rats. *J Cereb Blood Flow Metab.* (2009);29(4):771-9

Westermaier T, Jauss A, Eriskat J, Kunze E, Roosen K. The temporal profile of CBF and tissue concentrations of metabolic parameters following experimental subarachnoid hemorrhage in rats. *Neurosurgery* (2011);68(1):223-9

Westermaier T, Stetter C, Vince GH, Pham M, Tejon JP, Eriskat J, Kunze E, Matthies C, Ernestus RI, Solymosi L, Roosen K. Prophylactic intravenous magnesium sulfate for treatment of aneurysmal subarachnoid hemorrhage: a randomized, placebo-controlled, clinical study. *Crit Care Med.* (2010);38(5):1284-90

Kunze E, Stetter C, Willner N, Koehler S, Kilgenstein C, Ernestus RI, Kranke P, Muellenbach RM, **Westermaier T**. [Effects of Fluid Treatment with Hydroxyethyl Starch on Renal Function in Patients With Aneurysmal Subarachnoid Hemorrhage.](#) *J Neurosurg Anesthesiol*, 2016 Jul;28(3):187-94.

Lilla N, Füllgraf H, Stetter C, Köhler S, Ernestus RI, **Westermaier T**. [First Description of Reduced Pyruvate Dehydrogenase Enzyme Activity Following Subarachnoid Hemorrhage \(SAH\).](#) *Front Neurosci.* 2017 Feb 14;11:37.

Ringel F, Pape H, Sabel M, Krex D, Bock HC, Misch M, Weyerbrock A, **Westermaier T**, Senft C, Schucht P, Meyer B, Simon M; SN1 study group. [Clinical benefit from resection of recurrent glioblastomas: results of a multicenter study including 503 patients with recurrent glioblastomas undergoing surgical resection.](#) *Neuro Oncol.* 2016 Jan;18(1):96-104

Westermaier T, Stetter C, Kunze E, Willner N, Holzmeier J, Weiland J, Koehler S, Lotz C, Kilgenstein C, Ernestus RI, Roewer N, Muellenbach RM. [Controlled Hypercapnia Enhances Cerebral Blood Flow and Brain Tissue Oxygenation After Aneurysmal Subarachnoid Hemorrhage: Results of a Phase 1 Study.](#) *Neurocrit Care.* 2016 Oct;25(2):205-14.

Westermaier T, Doerr C, Stetter C, Linsenmann T, Koehler S, Eriskat J, Solymosi L, Ernestus RI. [Influence of Myelography and Postmyelographic CT on Therapeutic Decisions in Degenerative Diseases of the Cervical Spine.](#) *Clin Spine Surg.* 2017 Jun;30(5):656-661

Koehler S, Raslan F, Stetter C, Rueckriegel SM, Ernestus RI, **Westermaier T**. [Autologous bone graft versus PEKK cage for vertebral replacement after 1- or 2-level anterior median corpectomy.](#) *J Neurosurg Spine.* 2015 Oct 13:1-6.

Westermaier T, Linsenmann T, Homola GA, Loehr M, Stetter C, Willner N, Ernestus RI, Solymosi L, Vince GH. 3D rotational fluoroscopy for intraoperative clip control in patients with intracranial aneurysms - assessment of feasibility and image quality. *BMC Medical Imaging.* 2016 Apr 19;16:30.