



## Doortje Engel

### Contact

Doortje Engel

### Units

Neurochirurgie

## Publications (16)

Fournier J, Huscher K, Hildebrandt G, Engel D. Reasonability of implementation of the endoscopic technique for sellar. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* 1 2014; (2014) 115–118

Engel D. Standardizing data collection in severe trauma: call for linking up. *Crit Care* 2012; 16:105.

Terpolilli N, Kuebler W, Boltze J, Barthel H, Blomgren K, Patel R, Drzezga A, Engel D, Mamrak U, Meissner L, Schwarzmaier S, Zhu C, Klaesner B, Nitzsche B, Zeisig V, Kataoka H, Thal S, Kim S, Plesnila N. Inhalation of nitric oxide prevents ischemic brain damage in experimental stroke by selective dilatation of collateral arterioles. *Circ Res* 2011; 110:727–38.

Engel D, Mikocka-Walus A, Cameron P, Maegele M. Re: letter to the editor, injury of 15/02/2011. *Injury* 2011; 42:1391.

Maas A, Wright D, Wainwright M, Verfaellie M, Valadka A, Temkin N, Robertson C, Lew H, Langlois–Orman J, Gordon W, Engel D, Bullock R, Balkin T, Adelson P, Menon D, Harrison–Felix C, Schwab K. Standardizing data collection in traumatic brain injury. *J Neurotrauma* 2011; 28:177–87.

Manley G, Tortella F, Ottens A, Ling G, Veenstra T, Gwinn K, Goodman C, Engel D, Brophy M, Diaz–Arrastia R, Hayes R. Common data elements for traumatic brain injury: recommendations from the biospecimens and biomarkers working group. *Arch Phys Med Rehabil* 2010; 91:1667–72.

Maas A, Wright D, Wainwright M, Verfaellie M, Valadka A, Temkin N, Robertson C, Lew H, Orman J, Gordon W, Engel D, Bullock R, Balkin T, Adelson P, Menon D, Harrison–Felix C, Schwab K. Common data elements for traumatic brain injury: recommendations from the interagency working group on demographics and clinical assessment. *Arch Phys Med Rehabil* 2010; 91:1641–9.

Engel D, Mikocka-Walus A, Cameron P, Maegele M. Pre-hospital and in-hospital parameters and outcomes in patients with traumatic brain injury: a comparison between German and Australian trauma registries. *Injury* 2010; 41:901–6.

Engel D, Mies G, Terpolilli N, Trabold R, Loch A, De Zeeuw C, Weber J, Maas A, Plesnila N. Changes of cerebral blood flow during the secondary expansion of a cortical contusion assessed by 14C-iodoantipyrine autoradiography in mice using a non-invasive protocol. *J Neurotrauma* 2008; 25:739–53.

Maegele M, Klug N, Schaefer U, Buchheister B, Raum M, Fach H, Lefering R, Bouillon B, Engel D, Neugebauer E. Incidence and outcome of traumatic brain injury in an urban area in Western Europe over 10 years. *Eur Surg Res* 2007; 39:372–9.

Slemmer J, Haasdijk E, Engel D, Plesnila N, Weber J. Aldolase C-positive cerebellar Purkinje cells are resistant to delayed death after cerebral trauma and AMPA-mediated excitotoxicity. *Eur J Neurosci* 2007; 26:649–56.

Plesnila N, Wagner E, Landshamer S, Hoffmann F, Zimmermann R, Ardeshiri A, Engel D, Retiounskaia M, von Baumgarten L, Culmsee C. Delayed neuronal death after brain trauma involves p53-dependent inhibition of NF-kappaB transcriptional activity. *Cell Death Differ* 2007; 14:1529–41.

McHugh G, Maas A, Marmarou A, Hernández A, Mushkudiani N, Lu J, Steyerberg E, Butcher I, Engel D, Murray G. Prognostic value of secondary insults in traumatic brain injury: results from the IMPACT study. *J Neurotrauma* 2007; 24:287–93.

Mushkudiani N, Murray G, McHugh G, Slieker F, Marmarou A, Lu J, Butcher I, Steyerberg E, Engel D, Maas A. Prognostic value of demographic characteristics in traumatic brain injury: results from the IMPACT study. *J Neurotrauma* 2007; 24:259-69.

Zweckberger K, Erös C, Zimmermann R, Kim S, Engel D, Plesnila N. Effect of early and delayed decompressive craniectomy on secondary brain damage after controlled cortical impact in mice. *J Neurotrauma* 2006; 23:1083-93.

Engel D, Slemmer J, Vlug A, Maas A, Weber J. Combined effects of mechanical and ischemic injury to cortical cells: secondary ischemia increases damage and decreases effects of neuroprotective agents. *Neuropharmacology* 2005; 49:985-95.

## Projects (6)

### **Endoskopie in der Neurochirurgie**

*Clinical Studies - Nov 1, 2012 - Nov 1, 2013*

*Automatically Closed*

### **Neurochirurgische Behandlung von Neurovaskuläre Konflikte**

*Clinical Studies - Nov 1, 2012 - Nov 1, 2013*

*Automatically Closed*

### **Traumatische Dissektion der ACI und A. Vertebralis: Screening- und Behandlungsunterschieden**

*Clinical Studies - Nov 1, 2012 - Feb 1, 2012*

*Automatically Closed*

### **The Egg – ein minimalinvasives Neurochirurgisches Trainingsmodul**

*Fundamental Research - Oct 1, 2012 - May 1, 2014*

*Automatically Closed*

### **Arbeitsunfähigkeit nach leichter traumatischer Hirnverletzung: eine Untersuchung mit Magnetresonanztomographie und einer einjährigen neuropsychologischen Nachkontrolle**

*Clinical Studies - Aug 1, 2012 - Dec 31, 2015*

*Automatically Closed*

### **EARLYDRAIN- outcome after early lumbar CSFdrainage in aneurysmal subarachnoid haemorrhage: a randomized controlled trial**

*Clinical Studies - Jul 1, 2012 - Dec 31, 2015*

*Automatically Closed*