

BSN scientific annual meeting, Saturday march 19th, Brussels

9:00-9:45 TUMOR SESSION (n=7)

5 min - 8 slides - 2 questions

Surgery in Pineal Area: a one-center-experience

A PORQUET, S HANCQ, M BRUNEAU, O DE WITTE, Mons & ULB-Erasme, Bruxelles

Pre-operative delineation of the motor cortex in tumour patients by transcranial magnetic stimulation and advanced head modelling

L SEYNAEVE, T HAECK, JK SPURGEN, S KOVACS, F MAES, S DE VLEESCHOUWER, W VAN PAESSCHEN, UZ Leuven

Microsurgical treatment of vestibular schwannomas: follow up in a series of 80 cases

T VAN HAVENBERGH, K DE SMEDT, R VAN PAESSCHEN, D BERGHMANS, V HOX, T SOMERS, St. Augustinus, Antwerpen

Management of recurrent low-grade gliomas: our multidisciplinary experience on 35 patients

J SPITAELS, D DEVRIENDT, N SADEGHI, S LUCE, O DE WITTE, S GOLDMAN, C MELOT, F LEFRANC, ULB-Erasme, Bruxelles

The primary treatment of benign meningioma - a retrospective analysis

R VAN DER STRAETEN, S GLÄSKER, V VAN VELTHOVEN, UZ Brussel

Communicating hydrocephalus associated with schwannoma

N MASSAGER, S LONNEVILLE, C RENIER, D DEVRIENDT, ULB-Erasme, Bruxelles

In-hospital mortality and complications following surgical resection of glioblastoma

P CHEVALIER, C VAN GILS, M LAMOTTE, IMS Health Consulting, Brussels

9:45-10:45 COFFEE BREAK & POSTER SESSION (n=37)

Low grade glioma of the vestibular nerve: one case report and literature review

JC CAJOT, P DE MOOR, A DELTELL, Th ROGER, F COLLIGNON, P FRANSEN, B PIROTTE, CHIREC, Bruxelles

Transylvian transuncal approach for an anterior midbrain cavernous malformation: a case report

J DELAUNOIS, G VAZ, C RAFTOPOULOS, UCL-Saint Luc, Bruxelles

Can cerebral autoregulation be measured through an open EVD system?

S KLEIN, B DEPREITERE, UZ Leuven

Correlation of glioblastoma prognosis with clinical and biological factors

J LAMBERT, T KAOMA, E VAN DYCK, D MARTIN, F SCHOLTES, GIGA-Neurosciences & CHU ULg, Liège & Luxembourg

Homunculitis: a case of brain abscess after endoscopic sinus surgery

T DECRAMER, D PEUSKENS, T. DAENEKINDT, ZOL, Genk

Development of siRNA-loaded chitosan nanoparticles targeting Galectin-1 for the treatment of glioblastoma multiforme via intranasal administration M VAN WOENSEL, N WAUTHOZ, R ROSIÈRE, K AMIGHI, V MATHIEU, F LEFRANC, SW VAN GOOL, S DE VLEESCHOUWER, UZ Leuven

Asymptomatic temporal herniation through a progressively osteolytic bone flap: Case Report W VERFAILLIE, J DEJAEGHER, J VAN LOON, UZ Leuven

Paraganglioma of the sphenoid wing: A case report M HUYLEBROUCK, B BAUSCH, F VAN TUSSENBROEK, A MICHOTTE, H NEUMANN, V VAN VELTHOVEN, S GLÄSKER, UZ Brussel

A painful bump on the head after a work accident
Ph DE VLOO, E BUELENS, L STESENS, F WEYNS, J WUYTS, ZOL Genk, UZ Leuven, Hasselt

Deep brain stimulation targetting the thalamic cavity wall in a rat model for thalamic syndrome
Ph DE VLOO, E CRIJNS, K VAN KUYCK, B NUTTIN, UZ Leuven

Atypical presentation of lumbar pseudartrosis
G MICHIELSEN, AZ Jan Palfijn Gent, AZ Lokeren

The two-headed patient: a rare presentation of a metastatic follicular thyroid carcinoma
K JOOS, E BUELENS, J VAN ROBAYS, J WUYTS, ZOL Genk

Comparison of intervertebral disc preparation and grafting between mini-access ALIF and minimally invasive TLIF approaches: a matched cohort study
HB POULEAU, A PORQUET, N ZAIDMAN, O DE WITTE, A LUBANSU, ULB-Erasme, Bruxelles

Multiple levels percutaneous vertebroplasty: an optional treatment of uncontrolled pain in multifocal spinal Langerhans cell Histiocytosis
F GRENIER-CHARTRAND, A PORQUET, O DE WITTE, A LUBANSU, ULB-Erasme, Bruxelles

Gerstmann Syndrome caused by Radionecrosis 20 years after radiosurgery T WANET, M HUYLEBROUCK, J VAN DER VEKEN, J DUERINCK, S GLÄSKER, J D'HAENS, V VAN VELTHOVEN, M MOENS, UZ Brussel

Spinal epidural abscess: the importance of early diagnosis
T WANET, A DE SMEDT, M HUYLEBROUCK, J VAN DER VEKEN, J DUERINCK, S GLÄSKER, J D'HAENS, V VAN VELTHOVEN, M MOENS, UZ Brussel

Comparison of intervertebral disc preparation and grafting between mini-access ALIF and minimally invasive TLIF approaches: a matched cohort study
HB POULEAU, A PORQUET, N ZAIDMAN, O DE WITTE, A LUBANSU, ULB-Erasme, Bruxelles

Extraventricular choroid plexus carcinoma: about one case and review of the literature V JORIS, H ROOIJAKKERS, J LELOTTE, E MARBAIX, E FOMEKONG, T DUPREZ, C RAFTOPOULOS, UCL Saint-Luc, Bruxelles

Intralesional administration of fungostatics for an intracerebral aspergilloma
J VAN LERBEIRGHE, W MAENHOUDT, J VANDERSTEENE, D VAN ROOST, UZ Gent

Prophylactic vaccination can induce an immune-mediated protective environment against murine malignant glioma E VERCALSTEREN, J DEJAEGHER, S DE VLEESCHOUWER, UZ Leuven

Mesenchymal Activation Mediated by CXCL12 in the Sub-ventricular Zone Promotes Glioblastoma Resistance to Radiotherapy A LOMBARD, N GOFFART, M DEDOBBELEER, E WILLEMS, D MARTIN, B ROGISTER, ULg, Liège

Shift from microscopic hypophysectomy to an endonasal endoscopic approach: experience in 28 patients A JANSSEN, S VLAMINCK, N VANTOMME, AZ Sint Jan, Brugge

Entrapment neuropathy by giant lipomatous tumors

K JOOS, F WEYNS, E BUELENS, J DECKERS, T DAENEKINDT, J WUYTS, Genk & Hasselt

HF10 therapy for chronic back pain in patients with non-operated kyphoscoliosis: a case report

M MOENS, L GOUDMAN, A DE SMEDT, P MARIËN, R BROUNS, UZ Brussel

Primary Spinal Paraganlioma - two case reports and a review of the literature

J VAN DER VEKEN, V VAN VELTHOVEN, UZ Brussel

Superior semicircular canal dehiscence syndrome a less known skull base pathology

J VAN DER VEKEN, W BAETENS, J D'HAENS, V VAN VELTHOVEN, UZ Brussel

Posterior quadrant disconnection: surgical anatomy illustrated by fiber dissection

A VERHAEGHE, W NAETS, J VAN LOON, T THEYS, UZ Leuven

Plate or wire electrodes in times of paresthesia-free dorsal cord stimulation P VAN LOO,

K DE SMEDT, D BERGHMANS, R VAN PAESSCHEN, T VAN HAVENBERGH, Sint-Augustinus, Antwerpen

Olfactory Groove Schwannoma

T. DECRAMER, F WEYNS, T DAENEKINDT, D PEUSKENS, J WUYTS, ZOL Genk, & U Hasselt

Selective, bilateral choroid plexus metastases from a renal cell carcinoma presenting as normal pressure hydrocephalus S BAMPS, J MENTEN, P CLEMENT, R SCIOT, E HAUBEN, B BEUSELINCK,

S DE VLEESCHOUWER, UZ Leuven

Transsylvian transuncal approach for an anterior midbrain cavernous malformation: a case report J DELAUNOIS, G VAZ, C RAFTOPOULOS, UCL Saint-Luc, Bruxelles

An intracranial presentation of A rare vascular benign tumor : Endothelial Papillary Hyperplasia

A LOMBARD, Q DEWANDRE, S MORADI, N GOFFART, E BIANCHI, T RACARU, D MARTIN, ULg, Liège

Far lateral approach for pituitary adenoma - Case Report

J DUERINCK, J D'HAENS, S GLÄSKER, V VAN VELTHOVEN, UZ Brussel

Three Dimensional remodelling of i-FACTOR Peptide Enhanced Bone Graft substitute in cervical fusions G KESTELOOT, AJB PARISH, S JOHNSON, DS McNALLY, Roeselare, Nottingham & Denver

Expansion of assessment methods to measure effects of fetal spina bifida induction and repair in the fetal lamb L JOYEUX, AC ENGELS, M DEPREZ, S PRANPANUS, K VAN KUYCK, W VERFAILLIE, E RADAELLI,

F RAZAVI, F VAN CALENBERGH, J DEPREST, UZ Leuven, Necker, Paris

Myelopathy secondary to a spinal cord compression induced by C1-C2 nerve root tumors during head rotation P FINET, P MICHEL, C RAFTOPOULOS, UCL Saint-Luc, Bruxelles

Checkpoint molecule PD-1 is abundantly expressed on tumor-infiltrating lymphocytes in human glioblastoma J DEJAEGHER, T VERSCHUERE, S DE VLEESCHOUWER, UZ Leuven

10:45-11:15 PEDIATRIC and VASCULAR SESSION (n=5)

5 min - 8 slides - 2 questions

Facial bipartition with combined intra-/extracranial approach for orbital hypertelorism: a small case series G. ROOSEN, F VAN CALENBERGH, T DORMAAR, I CASTEELS, K DEVRIENDT, C POLITIS, J SCHOENAERS, UZ Leuven

Hydrocephalus in children under the age of five: from diagnosis stage to short/middle/long term evolution: a retrospective study O PERDAENS, MC NASSOGNE, G KOERTS, C RAFTOPOULOS, UCL Saint-Luc, Bruxelles

Unruptured Cerebral Aneurysms Presenting with Ischemic Events
HR NIKNEJAD, S DE VLEESCHOUWER, F VAN CALENBERGH, J VAN LOON, UZ Leuven

Ruptured telovelotonsillar segment aneurysms of the PICA: Report of 2 cases and review of the literature O FOUARD, G KOERTS, G MILBOUW, CHR, Namur

The cervical sympathetic block, a rescue therapy for cerebral vasospasm and delayed cerebral ischemia: Cases and literature review JN COMPS, T GUSTIN, C GILLIARD, UCL Mont-Godinne, Namur

11:15-12:30 GENERAL ASSEMBLY of the BSN

12:30-14:00 LUNCH & TECHNICAL EXHIBITION

14:00-14:30 SPINE SESSION (n=6)

5 min – 8 slides – 2 questions

Minimally invasive lateral corpectomy and reconstruction: our 10 years experience
N ZAIDMAN, HB POULEAU, A PORQUET, O DE WITTE, A LUBANSU, ULB-Erasme, Bruxelles

Prospective study comparing the 2 years fusion rate between mini-open ALIF and minimally invasive TILF procedures
A PORQUET, HB POULEAU, N ZAIDMAN, O DE WITTE, A LUBANSU, ULB-Erasme, Bruxelles

Midline Lumbar Fusion (MIDLF), a novel surgical technique for minimal invasive spinal fusion which is superior to PLIF : technique and results
S BAMPS, R VAN PAESSCHEN, D BERGHMANS, T VAN HAVENBERGH, K DE SMEDT, Sint-Augustinus, Antwerpen

Loss of local control and development of new symptomatic metastases after surgery for spinal metastasis: a cohort study
B DEPREITERE, Z FOX, T ALBERT, M ARTS, L BALABAUD, C BUNGER, JM BUCHOWSKI, MH COPPES, MG FEHLINGS, J HARROP, N KAWAHARA, J A MARTIN-BENLLOCH et al., London, Philadelphia, Haaglanden, Paris, UZ Leuven

Disc fragment herniectomy via facet joint quadrantectomy for extra-foraminal lumbar herniation: technique and results
M. MOENS, L GOUDMAN, A DE SMEDT, P MARIËN, R BROUNS, M HUYLEBROUCK, J DUERINCK, J D'HAENS, UZ Brussel

Retroperitoneal lymphocele: a rare complication of anterior lumbar surgery. Report of 4 cases
L KLEIN, A DUBUISSON, T RACARU, J LENELLE, G REUTER, D MARTIN, CHU-Sart Tilman, ULg, Liège

14:30-15:30 STEREO & FUNCTIONAL+OTHER SUBJECTS (n=9)

5 min – 8 slides – 2 questions

Results of Gamma Knife radiosurgical treatment of pituitary adenomas

S LONNEVILLE, J SANAM KABUND, C RENIER, D DEVRIENDT, N MASSAGER, ULB-Erasme, Bruxelles

Anti-granulocyte scintigraphy as a tool for prediction of infection of a permanent spinal cord stimulator after placement of the trial electrodes S VERMEULEN, M HUYLEBROUCK, L GOETHALS, H EVERAERT, M MOENS, UZ Brussel

Repeated Gamma Knife surgery for Vestibular Schwannomas

S LONNEVILLE, C DELBROUCK, C RENIER, D DEVRIENDT, N MASSAGER, ULB-Erasme, Bruxelles

Interstitial radiotherapy including brachytherapy with iodine-125 for primary brain tumors in eloquent areas of adult patients and low-grade brain tumors in children

B SCHROOTEN, P HERREGODTS, V KEEREMAN, J CAEMAERT, D VAN ROOST, UZ Gent

New technique for fossa posterior reconstruction P VAN LOO, K DE SMEDT, D BERGHMANS, R VAN PAESSCHEN, T VAN HAVENBERGH, Sint-Augustinus, Antwerpen

GCS timing and the relationship to long-term outcome after acute brain injury

S KLEIN, I PIPER, B DEPREITERE, on Behalf of the BRAINIT GROUP, UZ Leuven & Glasgow

Giant intracranial hydatid cyst: surgical technique for total cyst extirpation without rupture

N MASSAGER, A PORQUET, S LONNEVILLE, HB POULEAU, J SPITAELS, N ZAIDMAN, V MINICHINI, S SCHUIND, F SCHOOVAERTS, R KAMOUNI, C FRICX, ULB-Erasme, Bruxelles

Magnetoencephalography as alternative to fMRI for presurgical mapping of primary sensorimotor areas S SCHUIND, X DE TIEGE, O DE WITTE, ULB-Erasme, Bruxelles

Identification of risk factors which cause complications after cranioplasty with the stored bone flap following decompressive craniectomy M HERTELEER, J DELANOEIJE, J VAN LOON, F VAN CALENBERGH, UZ Leuven