



KCM Clinic

More than medicine

LIVE SURGERY

INTERNATIONAL SPINE SURGERY CONFERENCE with LIVE Surgery Workshop:

Achievements of modern minimally invasive spine surgery in cases with cervical, thoracic and lumbar disc prolapse or herniation. Our over a decade of experience in spinal neuroendoscopy.

**Thursday – Saturday
18 – 20. May 2017**

KCM Clinic S.A.
Bankowa 5-7 Str, Jelenia Gora, Poland



Registration online:

www.konferencja.kcmclinic.pl/spine2017

Organisers:



KCM Clinic S.A., Jelenia Góra
Minimally Invasive Spine
and Neurosurgery Center



joimax® GmbH,
Karlsruhe, Germany

SECTION of Stereotactic
and Functional Neurosurgery
of the Polish Association
of Neurosurgeons

Partners:



How to register for the conference?

- ✉ conference@kcmclinic.pl
- ☎ + 48 533 779 973
- 📄 www.konferencja.kcmclinic.pl/spine2017

- 📘 www.facebook.com/kcmhospital
- 🔗 www.kcmclinic.pl

Participants are entitled to a certificate and educational points
Participation fee: doctors 400 EUR, nurses, physiotherapists and students 200 EUR



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Thursday, 18. May 2017

- 16.00 - 16.15 **Welcome and introduction**
Monika Mikulicz-Pasler, MD, PhD, President of KCM Clinic S.A.,
Wolfgang Ries, Founder, CEO & President of joimax® group,
Stanislaw J.Kwiek, MD, PhD, Assoc. Prof., Head of Minimally Invasive Spine
and Neurosurgery Center KCM, Chairman of Section of Stereotactic and Functional
Neurosurgery of the Polish Association of Neurosurgeons
- 16.15 - 16.50 Opening Lecture:
**Benefits of minimally invasive neurosurgical techniques in cervical, thoracic
and lumbar spine disorders in comparison to the classic open procedures.
Multicentre experience and trials.** Menno Ipreburg, joimax® GmbH
- 16.50 - 18.30 **SESSION: Minimally invasive neuroendoscopy in brain and cervical spine
disorders. Our experience – part I, part II, part III.**
Moderators: Stanislaw Kwiek, Ralf Wagner, Wolfgang Ries, Hanna Dolezych,
Krzysztof Suszynski
- Part I: Own experience in minimally invasive brain and spine endoscopy
– clinical results, literature reviews.**
Stanislaw J. Kwiek, Ralf Wagner, Krzysztof Suszynski
- Part II: Cervical endoscopic spine surgery (CESS) – indications and
contraindications, comparison between anterior and posterior approaches.**
Ralf Wagner, Stanislaw J. Kwiek, Krzysztof Suszynski
- Part III: Early clinical results of neurosurgical treatment of KCM patients with
cervical intervertebral disc herniation with the use of endoscopy.
Detailed assessment of cervical endoscopic spine surgery (CESS), analysis
of treatment and patient outcomes.** Stanislaw J. Kwiek, Ralf Wagner,
Krzysztof Suszynski, Izabela Chanek, Hanna Dolezych, Lukasz Teister,
Monika Mikulicz-Pasler
- 18.30 Discussion
- 19.00 Dinner and discussion meeting

Friday, 19. May 2017

- 09.00 - 12.00 **SESSION: Minimally invasive endoscopic surgery for degenerative disc disease
of cervical, thoracic and lumbar spine. Different surgical treatment options,
included spine endoscopy.** Moderators: Ralf Wagner, Stanislaw J. Kwiek,
Wolfgang Ries, Menno Ipreburg, Hanna Dolezych, Krzysztof Suszynski
- 09.00 - 09.30 **Topographical anatomy of lumbar and cervical spine in terms of endoscopic
approaches. Endoscopic minimally invasive neurosurgery of lumbar, thoracic
and cervical spine for intervertebral disc herniation. Advantages and limitations
of this approach.** Menno Ipreburg

- 09.30 - 10.00 **Endoscopic Spine Evolution and Outlook: past and future.**
Wolfgang Ries
- 10.00 - 10.30 **Anterior or posterior endoscopic approach in cervical disc herniation. Indications and clinical recommendations on the basis of our experience. Algorithm for the patient's qualification.**
Ralf Wagner, Stanislaw J. Kwiek, Krzysztof Suszynski
- 10.30 - 11.00 Coffee break
- 11.00 - 11.30 **Transforaminal and interlaminar endoscopic approach – step by step instructions. Comparison between both techniques. Pros and cons.**
Ralf Wagner, Stanislaw J. Kwiek, Krzysztof Suszynski
- 11.30 - 12.00 **Case presentation – easy and difficult cases, own experience. How to avoid complications?** Ralf Wagner
- 12.00 - 12.30 Lunch
- 12.30 - 18.00 **LIVE SURGERY SESSION:**
Live transmission from operating theatre with real-time discussion between surgeons and participants.
Surgeons: Stanislaw J. Kwiek, Ralf Wagner, Hanna Dolezych, Lukasz Teister

Planned spine surgeries:

- Cervical Endoscopic Spinal Surgery (CESS) for disc herniation, anterior approach
- Cervical Endoscopic Spinal Surgery (CESS) for disc herniation, posterior approach
- SED-YESS Selective endoscopic discectomy, posterolateral approach, lumbar and thoracic spine
- DIAM Dynamic spinal disc stabilisation using intraspinal elastic implant, lumbar spine
- PLDD Percutaneous laser disc decompression, posterolateral approach.
- Percutaneous lumbar nucleoplasty with decompression of herniated disc using coblation technique, thoracic/ lumbar spine
- IDET (Intradiscal Electrothermal Therapy – intradiscal thermocoagulation, thoracic or lumbar spine
- Diagnostic selective neural blockade for better patient's qualification
- SCS – spinal cord stimulation, implantation of spinal neurostimulator
- Another surgeries depended on KCM patients hospitalized at the conference day

Lectures between LIVE surgeries:

Effectiveness and indications for spinal cord stimulation in patients with failed back surgery syndrome and other spinal disorders. Patient's qualification and selection; clinical questionnaire and outcome.
Experience in Poland. St. Jude Medical Co. Poland

Dynamic interspinous disc stabilisation with DIAM Implant Medtronic – background, indications, contraindications. Intraoperative electrophysiological monitoring during spine surgeries. Spinal cord stimulation SCS in case of failed back surgery. Medtronic Co. Poland

Motion Preserving Interlaminar Stabilization with implantation of Coflex implant. Successful non-fusion segmental spinal stabilization in cases of facet arthrosis with and without foraminal stenosis.

Paradigm Spine Poland

18.00 Discussion, analysis of treatments of patients operated on that day

19.00 Dinner, evening event

Saturday, 20. May 2017

09.00 - 12.00 **SESSION: Physiotherapeutic and rehabilitation procedures after cervical, thoracic and lumbar minimally invasive spine surgery.**

Moderators: Dariusz Milko, Krzysztof Suszynski, Ralf Wagner, Stanislaw J. Kwiek, Hanna Dolezych

09.00 - 09.30 **The role and importance of the professional physiotherapeutic procedures following minimally invasive cervical, thoracic and lumbar spine surgery for a long-term outcome. Our experience.** Krzysztof Suszynski, Ewelina Kaczmarczyk, Izabela Chanek, Hanna Dolezych, Lukasz Teister, Stanislaw J. Kwiek

09.30 - 10.00 **Physiotherapy of patients cervical spine disorders pre- and after minimally invasive neurosurgical treatment.** Dariusz Milko

10.00 - 10.30 Coffee break

10.30 - 11.00 **Physics of cervical spine in terms of genesis of intervertebral disc herniation and of rehabilitation programme. Thermovision diagnostics in spine disease.** Armand Cholewka

11.00 - 11.30 **Rehabilitation and physiotherapy in KCM Clinic Jelenia Gora** Krzysztof Suszynski, Ewelina Kaczmarczyk, Marta Bienek, Stanislaw J. Kwiek

11.30 - 12.00 **New non-surgical treatments in spine disorders: Stem Cell vs Platelet Rich Plasma (PRP) Therapy.** Arthrex Poland

12.00 - 12.30 Lunch

12.30 - 13.30 **VIDEO CONFERENCE: LIVE presentation and interviews with patients, operated on the previous day at KCM Clinic Jelenia Gora directly before discharging from the hospital. All patients usually leave the hospital the day after the surgery.**

13.30 **Closing speech and concluding remarks** Monika Mikulicz-Pasler, Stanislaw Kwiek, Ralf Wagner, Wolfgang Ries

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Achievements of modern minimally invasive spine surgery in cases with cervical, thoracic and lumbar disc prolapse or herniation.

Our over a decade of experience in spinal neuroendoscopy.

The role of pre- and postoperative professional physiotherapy in cervical, thoracic and lumbar spine disease.

Neuromodulation – spinal cord stimulation in cases of failed back surgery syndrome.

Moderators and Surgeons:

Stanislaw J. Kwiek, MD, PhD, Assoc. Prof.

Head of Minimally Invasive Spine and Neurosurgery Center at KCM Jelenia Gora,
Assoc. Prof. at Department and Clinic of Neurosurgery at Medical University of Silesia in Katowice,
Chairman of Section of Stereotactic and Functional Neurosurgery of the Polish Association of Neurosurgeons

Ralf Wagner, MD, PhD

LIGAMENTA Spine Center Frankfurt/Main, Rotkreuz-Hospital Frankfurt/Main,
Joimax® Faculty

Menno Ipremburg, MD, PhD

Ipremburg Herniakiniek Veenhuizen, The Netherlands, joimax® GmbH

Wolfgang Ries

Founder, CEO & President of joimax® group

Armand Cholewka, PhD, Assoc. Prof.

Associate Professor at Department of Medical Physics at Medical University of Silesia in Katowice
Chairman of Silesian District of Polish Society of Medical Physics

Krzysztof Suszynski, PhD, Adj. Prof.

Head of Physiotherapy at Minimally Invasive Spine and Neurosurgery Center, KCM Jelenia Gora
Adjunct at Department of Physiotherapy at Medical University of Silesia

Dariusz Milko, PhD

Head of Physiotherapy Department at Health Resort Cieplice - PGU Group
Doctor of Philosophy in Sport and Exercise Sciences

Hanna Dolezych, MD, PhD

Minimally Invasive Spine and Neurosurgery Center at KCM Jelenia Gora

Lukasz Teister, MD, PhD

Minimally Invasive Spine and Neurosurgery Center at KCM Jelenia Gora

LIVE Surgery

LIVE Surgery broadcast from the operating theatre with real-time discussion between surgeons and participants.



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