

2002	USA, The University of Missouri Health - Science. Columbia, dr. Robert W. Gains	spinal surgery training	advanced
2008	USA, Washington University School of Medicine Children's Hospital St. Louis, Missouri, dr. Lawrence Lenke	spinal surgery training	advanced

CLINICAL SKILLS, TECHNIQUES AND EXPERIENCE

Clinical skill, technique, or type of experience	Exact type of procedure	Number of procedures per year	Years of experience
deformity surgery: scoliosis	anterior/posterior stabilisation	80	20
early onset scoliosis	growing rod technique	20	15
neuromuscular deformity (myelomeningocele MMC, cereblal pulsy CP, muscular dystrophy MD)	posterior/anterior/sacro-pelvic fixation/kyphectomy	20	17
deformity kyphosis (children/adult/)	posterior/anterior stabilisation	12	15
tumors	posterior/anterior stabilisation	15	17
spine fractures, reconstructions, salvage procedures from other Spinal Centers	anterior/posterior approach	15	15
deformity surgery	spine osteotomies	27	12
salvage procedures from other Spinal Centers	osteotomies, restabilisations	15	17

RECENT CLINICAL WORK

I am a spine deformity surgeon for the most complicated spine cases in Poland.

TEACHING

Training in spinal surgery: for advanced and beginners, for more than 200 orthopaedic surgeons and neurosurgeons from Poland and other countries.

Including hands on surgeon to surgeon training and cadaver lab.

Faculty at courses:

1. The Treatment of Adult Spinal Deformity, January 20-21, 2011
Leiden, The Netherlands
2. Spinal Deformity Correction Course, April 30 - May 1, 2009
Amsterdam and Leiden, The Netherlands

3. *Thoraco-lumbar Deformities –Anterior Approach, with cadavers lab, 18 Oct , 2006, Warsaw, Chairman.*
4. *Anterior Approach for scoliosis treatment, with cadavers lab, 16 May , 2007, Warsaw, Chairman.*
5. *Newest ideas in treatment of spine deformations, 06.06. – 10.06.2005, Warsaw, with alive surgery presentation, Chairman.*
6. *Spine surgery, 05.06. – 09.06.2004, Warsaw, with alive surgery presentation, Chairman.*

RESEARCH

Scoliosis treatment with anterior and posterior spinal approach, neuromuscular deformity treatment, sacro-pelvic fixation, early onset scoliosis treatment.

PUBLICATIONS

1. Michalski P.: Deformations and illnesses of the spine, rozdział w Podstawy Chirurgii, pod red. J. Szmida, Kraków 2010.
2. Michalski P.: Degenerative changes of the knee joint. W: Damages of the knee joint. Pod redakcją Andrzeja Góreckiego. Warszawa: Wydaw. Lek. PZWL 2002. s. 274-302
3. Michalski P.: Deformations and illnesses of the spine. W: Podstawy chirurgii. Pod redakcją Jacka Szmida. Kraków; Wydaw. Medycyna Praktyczna 2004. t. 2; s. 68-77
4. Michalski P.: Anterior spine stabilisation in particular cases of scoliosis. Ortop. Traumatol. Rehab., 2005; nr 2; s. 143-145
5. Michalski P.: Results of scoliosis treatment among adults. Ortop. Traumatol. Rehab., 2005; Vol. 7; nr 3; s. 251-253
6. Michalski P.: Anterior Stabilisation for Idiopathic Scoliosis Treatment with CDH System.: American Academy of Orthopaedic Surgeons material. 67 Annual Meeting Proceedings. Orlando, 2000.
7. Michalski P.: Operative Behandlung der Skoliose unter Verwendung des anterioren Zugangs zur Wirbelsaute. Ortopädische Praxis, 1998, nr 34, s. 130-132
8. Michalski P, Górecki A, Kuś W.: Operational treatment in gonarthrosis; Kolano 8;1997;9-15
9. Michalski P, Benke G : Resection of the anterior vertebral body fixation as a method of treatment of metastatic tumors to the spine. Chir. Narz. Ruchu i Ortop. Polska; 1996, LXI supl. 4a;97-99
10. Michalski P., Benke G.: CD Hopf System in the operational treatment of scoliosis. Chir. Narz. Ruchu i Ortop. Polska; 1996, LXI supl. 4b;125-129
11. Kosson D, Golachowski M., Mayzner-Zawadzka E., Benke G., Michalski P.: Choice of postoperative analgesia among patients after spine surgery. Chir. Narz. Ruchu i Ortop. Polska; 1996, LXI supl. 4b;181-183
12. Górecki A, Michalski P. Serafin J.: Computerized patient documentation of patients with hip diseases.: Chir. Narz. Ruchu i Ortop. Polska; 1996, LXI supl. 4b;167-171
13. Michalski P., Benke G.: Operational treatment of scoliosis using the CD system; Chir. Narz. Ruchu i Ortop. Polska; 1996, LXI supl. 3b;167-171.
14. P. Michalski: Degenerative changes of the knee joint; w Damages of the knee joint pod redakcją A.Górecki PZWL Warszawa 1997; 268-296
15. P. Michalski, A. Górecki, W. Kuś: Operational treatment in gonarthrosis; Kolano 8;1997;9-15
16. J. Świątkowski, J. Serafin, P. Michalski, A. Wojciechowski Computed Tomography in pre and postoperative assessment of funnel chest. Material of 20th International Congress of Radiology;1998; New Delhi India.

PRESENTATIONS:

1. Michalski P.: Biomechanical analysis for anterior spine stabilization. Global Spine Congress Barcelona, Spain, 2011
2. Michalski P.: Anterior stabilization for thoracolumbar scoliosis. Global Spine Congress Barcelona, Spain, 2011
3. P. Michalski.: Strategic vertebrae - the role of classifications, The Treatment of Adult Spinal Deformity January 20-21, 2011 Leiden, The Netherlands
4. P. Michalski .: Role of cages in the correction and/or stabilization, The Treatment of Adult Spinal Deformity January 20-21, 2011 Leiden, The Netherlands
5. P. Michalski.: Anterior stabilization for scoliosis treatment, Global Spine Congress 2009, San Francisco, USA
6. P. Michalski.: Anterior spine stabilization a biomechanical analysis, Global Spine Congress 2009, San Francisco, USA
7. P. Michalski.: Idiopathic scoliosis treatment with Anterior Stabilisation. Scoliosis Research Society Meeting. 25-27, 2006 Istanbul, Turkey
8. P. Michalski.: Anterior approach: an effective method in scoliosis surgery. International Science Congress; Moscow, Russia; 12-13.11.2003
9. P. Michalski.: Results of operational treatment of muscle – nerve scoliosis. XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
10. P. Michalski.: Anterior spine stabilisation in scioliosis. XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
11. P. Michalski.: Rules of operational treatment of rigid scoliosis. XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
12. P. Michalski.: Results of operation treatment of adoscent kyphosciliosis . XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
13. P. Michalski.: Results of scoliosis treatment among adults. XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
14. P. Michalski.: Anterior Spine stabilisation in scoliosis type King II and III. XXXV Meeting of the Polish Orthopedic and Traumatologic Society; Szczecin, 15-18. 09.2004
15. P. Michalski, A. Górecki.: Operational palliative treatment of gonarthrosis. III International Interdisciplinary Scientific Congress– Treatment of degenerative changes in the locomotor system, 9-10.12.2005 Warszawa
16. P. Michalski.: Anterior Stabilisation In Scoliosis Surgery; Second Annual Meeting of The Spine Experts Group; Budapeszt, Hungary, 9-11.12.2004
17. Supervision of the scientific session on Deformity III; Second Annual Meeting of The Spine Experts Group; Budapeszt, Hungary, 9-11.12.2004
18. P. Michalski, P. Skowronek, P. Nosarzewski.: Anterior approach in the operational treatment of idiopathic scoliosis; scientific session of the Warsaw Branch of the Polish Orthopedic and Traumatology Society; Warszawa 16.11.2002
19. P. Michalski.: Anterior approach in surgical treatment of idiopathic scoliosis. International Scientific Conference; Kijów, Ukraine, 24-25.04.2003
20. P. Michalski.: Anterior Spine Surgery in Scoliosis Teratment - Baden Baden, Germany, Congress of the Polish/German Orthopedic Societies 2.V.97
21. 64th Anual Meeting of American Academy of Orthopaedic Surgeons 13-17.II.97, San Francisco, participation in the round table discussions in the specialist days - Spine on the issue of choosing the operational approach in treating spine deformations (basing on personal experience and research)
22. P.Michalski.: Anterior approach in surgical treatment of scoliosis usung CDH.: First Central European Forum GICD, 12-14.10.1995, Poznań
23. Chairman at sesji II Scoliosis First Central European Forum GICD, 12-14.10.1995, Poznań
24. Lecture on the Plenary session of the Warsaw Branch of the Polish Orthopedic and Traumatology Society Contemporary ways of anterior spine stabilisation 19.04.1997/
25. Lecture during the attestation course for orthopedists before obtaining the II grade of specialisation- Back Pain 27.II.97
26. Lecture on operational treatment in gonarthrosis- Scientific Symposium – Osteoarthritis of the knee Strąszecin 14.06.1997
27. Lecture during the course in the Medical Centre of Postgraduate Education on ostarthritis – Chondral lesions and operational treatment in gonarthrosis 5.09.97

28. Lecture during the course in the Medical Centre of Postgraduate Education on oostearthritis – degenerative spine 6.09.97
29. Lecture during the scientific session of the Orthopedic Clinic – Contemporary views on treatment of idiopathic scoliosis, assessment of clinical material - 8.12.97
30. J. Świątkowski, J. Serafin, P. Michalski, A. Wojciechowski Computed Tomography in pre and postoperative assessment of funnel chest. 20th International Congress of Radiology; 19-23rd September 1998; New Delhi India
31. P.Michalski.: CDH system in operative treatment of idiopathic scoliosis XXXIII Meeting of the Polish Orthopedic and Traumatologic Society Kraków 21-23.09.2003

INVITED LECTURES:

1. P. Michalski.: Contemporary methods in spine deformations; Scientific Conference of the Podkarpacki Region of the General Practitioners Collegium; Rzeszów 11.06.2005
2. P. Michalski.: Surgical treatment of scoliosis; scientific session of the Warsaw Branch of the Association of child surgeons, Warszawa 27.03.2003
3. P. Michalski.: Operative treatment of scoliosis. During the course in: Patomechanisms and treatment methods of child scoliosis. Warszawa 25.11.2003.
4. P .Michalski.: Possibilities of using anterior approach in the operative treatment of idiopathic scoliosis; Scientific session of the Podkarpacki region of the Polish Orthopedic and Traumatology Society; Rzeszów 14.09.2002
5. Lecture, upon invitation from the Białostocki branch of the Polish Orthopedic and Traumatology Society – Contemporary methods of spine surgery /17.04.97/
6. Lecture, upon invitation from the Białostocki branch of the Polish Orthopedic and Traumatology Society – Possibilities of using anterior approach in the operative treatment of idiopathic scoliosis /17.04.97/
7. Operational Treatment of scoliosis - Medical Centre of Postgraduate Education Otwock 16.10.97
8. P. Michalski.: Possibilities of using the CD Hopf method in operational treatment of scoliosis; Poznań 25.05.1998r.

Tutor of master's dissertation

Tutor of several master dissertations

Courses:

1. Minimal Access Spine Techniques Gdańsk 8-9.10.2004
2. III Seminarium of the Polish C-D Group, Wrocław 01-03.12.2005
3. Anterior Deformity Meeting, Birmingham, Wielka Brytania; 17-18.11.2005
4. 6th Advanced Spine Course; Kwa Maritane, Pilanesberg, RPA, 12-17.05.2002
5. Spinal Arthroplasty Course, Szczyrk, 14-15.03.2005
6. Navigation systems in ortopedics; Warszawa 23.11.2002
7. Organizing in the Clinic a training in modern spine stabilisation techniques PLIF 9-10.04.97 Visit and lecture of a foreign guest. PLIF New spine stabilization system 18.04.97 dr Mark Karpinski, Great Britain
8. Organizing in the Clinic a training in modern spine stabilisation techniques Z-PLATE 9-10.02.95 Visit of a foreign guest prof. M. Onimus, France.

New technique implementation.

1. Introduction of a new spine stabilisation system and using the "anterior approach" in spine surgery 09-10.02.1995 /with prof. Onimus, France/
2. Introduction of a new system of spine stabilisation PLIF /the first operation in Poland using the new system/ 1997r.
3. The technique of direct interbody fusion in the treatment of spinal deformity, 1996r.

Award:

Educational Team Award of the first grade from the Dean of Warsaw Medical Academy for being the co-author of the book.: „Damages of the knee joint”

Societies:

1. V-ce President Polish Spine Society (PSS) from 2000- present.
2. Polish Society of Orthopaedics and Traumatology (PTOiT) from 1987-present
3. Polish Society of Spina Surgery (PTChK) from 2008-present
4. Secretary of Supervisory Board of PTOiT Warsaw district 1995-97