

Professeur Associé Dante G. Marchesi

Chirurgien Orthopédiste FMH

Spécialiste de la colonne vertébrale

Parlant couramment le français, l'espagnol, l'anglais, l'allemand et l'italien.

Formation académique

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| 1975-1981 | Faculté de Médecine de l'Université de Lausanne, Suisse |
| 1987 | Doctorat |
| 1982-1989 | Spécialiste FMH en Orthopédie, Inselspital, Berne |
| 1989-1990 | Fellowship en chirurgie vertébrale, Minneapolis, Los Angeles, Paris |
| 1990-1992 | Médecin adjoint, Inselspital Berne, Berne |
| 1992-1993 | Responsable unité de chirurgie du dos, Inselspital, Berne |
| 1993-2001 | Professeur associé et responsable unité de chirurgie du dos, McGill University, Montréal, Canada |
| depuis 2002 | Médecin actif, Clinique Bois-Cerf, Lausanne |

Recherches

Project Director, Orthopaedic Research Laboratory, Div. Orthopaedic Surgery, McGill University, Royal Victoria Hospital, Montreal, Canada

Project Director, Orthopaedic Research Laboratories, Lady Davis Institute for Medical Research, McGill University, Montreal, Canada

Publications (sélection)

Articles dans revues spécialisées

Marchesi D., Schneider E., Glauser P., Aebi M.: Morphometric analysis of the thoracolumbar and lumbar pedicles. *Surg. Radiol. Anat.* 10, 317-322 (1988).

Marchesi D., Michel M., Schneider E., Aebi M.: Experimental verification of direction finder for anterior transpedicular fixation of the lumbar and thoracic spine. *Orthop. Trans.* 12, *J Bone Joint Surg (Am)* 476 (1988).

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Marchesi D., Thalgot J., Lowery G., Aebi M.: The application and results of the internal skeletal fixation system in non-traumatic indications. Spine 16, S162-S169 (1991).

Boos N., **Marchesi D.**, Aebi M.: Die Anwendung des Cotrel-Dubousset-Instrumentariums mit pedikulären Schrauben beim chronischen lumbalen Rückenschmerz. Orthop. Praxis 27, 423-427 (1991).

Boos N., **Marchesi D.**, Aebi M.: Chronische Rückenschmerzen nach lumbalen Wirbelsäuleneingriffen – Möglichkeiten der chirurgischen Reintervention. Orthop. Praxis 27, 428-432 (1991).

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Boos N., **Marchesi D.**, Aebi M.: Traitement chirurgical des spondylolisthesis à déplacement modéré par fixation pédiculaire et fusion postérolatérale. Revue Chir Orthop. 78: 228-235 (1992)

Marchesi D., Boos N., Zuber K., Aebi M.: Translaminar facet joint screws to enhance segmental fusion of the lumbar spine. Eur Spine J. 1:125-130 (1992).

Boos N., **Marchesi D.**, Aebi M.: Survivorship analysis of pedicular fixation systems in the treatment of degenerative disorders of the lumbar spine. J. Spinal Disorders 5: 403-409 (1992)

Marchesi D., Aebi M.: Pedicle fixation devices in the treatment of adult lumbar scoliosis. Spine 17: S304-S309 (1992)

Boos N., **Marchesi D.**, Heitz R., Aebi M.: Surgical management of low-grade spondylolisthesis in adults with transpedicular fixation and posterolateral fusion. J Orthop Surg 6: 233-240 (1992).

Aebi M., **Marchesi D.**, Boos N.: The treatment of adult lumbar scoliosis with pedicle fixation devices. Orthop. Trans. 16: J Bone Joint Surg (Am) 163 (1992)

Marchesi D., Michel M., Lowery G., Aebi M.: Direction finder for anterior transpedicular fixation of the lower thoracic and lumbar spine. Spine 18: 461-465 (1993)

Boos N., **Marchesi D.**, Zuber K., Aebi M.: Treatment of severe spondylolisthesis by reduction and pedicular fixation : a four to six year follow-up. Spine 18: 1655-1661 (1993)

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Molina H, **Marchesi D** : Abordaje posterior con descompresion circumferencial y reconstruccion en las metastasis de la columna toracica y lumbar. Revista Venezolana Cirurgia Ortopedica 28 : 29-39 (1996)

Steffen T, Baramki HG, Rubin R, Antoniou J, **Marchesi D**, Aebi M : In Vivo Measurement of the L3/L4 Segmental Motion Patterns in the Upright, Flexed, and Extended Positions. Orthop. Transactions 20: J Bone Joint Surg (Am) 1996.

Steffen T., Rubin R., Baramki H., Antoniou J., **Marchesi D.**, Aebi M.: A new technique for measuring lumbar segmental motion in vivo : Method, accuracy, and preliminary results. Spine 22 : 156-166 (1997)

Marchesi D., Arlet V, Aebi M: Modified Galveston technique in the treatment of Duchenne's neuromuscular scoliosis. J. Ped. Orthop : 17: 743-749 (1997)

Marchesi D : Management of odontoid fractures. Orthopaedics 20: 911-916 (1997)

Marchesi D., Arlet V, Goytan M, Aebi M: Unisegmental posterior instrumentation and fusion for incomplete thoracolumbar burst fractures. Orthop. Transactions 21: J Bone Joint Surg (Am) (1997)

Arlet V, **Marchesi D.**, Duhaime M, Aebi M: Adolescent idiopathic scoliosis : a modified method to correct thoracic curves. Orthop. Transactions 21 : J Bone Joint Surg (Am) 660-661 (1997)

Arlet V, **Marchesi D**: Redresser le problème de la scoliose en pédiatrie. Le Clinicien 13: 151-166 (1998)

Arlet V, **Marchesi D**, Aebi M: Correction of adolescent idiopathic scoliosis with a new type of offset apical instrumentation. J. Spinal Disorders 11: 404-409 (1998)

Papin P, Arlet V, **Marchesi D**, Laberge J, Aebi M: Traitement de la scoliose de l'adolescent par libération antérieure et arthrodèse vertébrale sous laparoscopie. Rev. Chir. Orthop. 84: 231-238 (1998)

Papin P, Arlet V, **Marchesi D**, Aebi M: Unusual presentation of spinal cord compression related to misplaced pedicle screw in thoracic scoliosis. Eur. Spine J. 8: 156-159 (1999)

Arlet V, **Marchesi D**, Papin P, Aebi M: The "MW" sacropelvic construct : an enhanced fixation of the lumbosacral junction in neuromuscular pelvic obliquity. Eur. Spine J 8: 229-231 (1999)

Marchesi D, Arlet V, Aebi M: : La scoliose de l'âge adulte. Le Clinicien 14: 153-161 (1999)

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Arlet V, Papin P, **Marchesi D**, Aebi M: Adolescent idiopathic scoliosis : apical correction with specialized pedicle hooks. Eur. Spine J. 8: 266-270 (1999)

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Vaidya R, Arlet V, **Marchesi D**, Aebi M: Metastatic disease of the thoracic and lumbar spine. Canadian Orthop. Association Bulletin 48: 18-20 (2000)

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Gercek E, Arlet V, Delisle J, **Marchesi D:** Subsidence of stand-alone cervical cages in anterior interbody fusion: warning. Eur. Spine J 12: 513-516 (2003)

Marchesi D: Die Deformitäten bei alternden Menschen. Leading Opinions Orthopädie 3, 28-30 (2009)

Chapitres d'ouvrages

Marchesi D., Rüdberg A., Aebi M.: Der Verlauf der neuromuskulären Skoliose bei MMC-Patienten nach konservativer Behandlung. In: Debrunner A.M.: Langzeitigeresultate in der Orthopaedie. Enke Verlag, Stuttgart, 49-56 (1990).

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Zagra A, **Marchesi D**, Lamartina C, Zagra L, Giudici F, Aebi M: L'osteosintesi con viti translaminari. In Travaglini F, Bartolozzi P, Logroscino C: Progressi in patologia vertebrale : il dopo Harrington Vol. 18. Aulo Gaggi Ed Bologna, 319-326 (1995)

Marchesi D., Thalgot J., Aebi M.: The use of the AO-internal fixation in fractures and nontraumatic indications of the thoracolumbar spine In: Thalgot J, Aebi M: Internal Fixation of the thoracolumbar Spine. Manual of Internal Fixation of the Spine. Lippincott-Raven Ed, Philadelphia, 193-205 (1996)

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Marchesi D, Aebi M: Application of the new AO-ASIF Universal Spine System in the lumbosacral junction. In: Margulies J, Floman I, Farcy JP, Neuwirth M: Lumbosacral and Spinopelvic Fixation., Lippincott-Raven Ed., Philadelphia 363-375 (1996)

Aebi M, **Marchesi D**: The degenerative adult scoliosis : classification and indication for treatment. In: Bitan F, Margulies J, Neuwirth M: Strategies in non-idiopathic scoliosis. Spine - State of the art reviews Vol 12 Nr1 Harley and Belfus Ed., Philadelphia (1998)

Marchesi D, Aebi M: Pseudarthrosis treatment in high-grade spondylolisthesis. In: Margulies J, Aebi M, Farcy J: Revisions in Spine Surgery. Lippincott-Raven Ed, Philadelphia (1998)

Marchesi D : Classification of thoracic and lumbar fractures. In: Vaccaro A: Fractures of the cervical, thoracic and lumbar spine. Marcel Dekker Ed., New York: 385-398 (2003)

Marchesi D: Biology of fusion with bone and bone substitutes. In: Aebi M, Arlet V, Webb J: AOSpine Manual – Principles and techniques. Thieme Ed., Stuttgart: 117-126 (2007)

Marchesi D: Stabilization and reconstruction techniques for the thoracolumbar spine (fractures tumors, degenerative). In: Aebi M, Arlet V, Webb J: AOSpine Manual – Principles and techniques. Thieme Ed., Stuttgart: 357-390 (2007)

Marchesi D: Instrumentation for the degenerative thoracolumbar spine. In: Aebi M, Arlet V, Webb J: AOSpine Manual – Principles and techniques. Thieme Ed., Stuttgart: 423-456 (2007)

Marchesi D: Spinal tumors. In: Aebi M, Arlet V, Webb J: AOSpine Manual – Clinical Applications. Thieme Ed., Stuttgart: 209-254 (2007)

Marchesi D: Spinal tumors. In: Aebi M, Arlet V, Webb J: AOSpine Manual – Clinical Applications. Thieme Ed., Stuttgart: 235-254 (2007)

Marchesi D, Klezl Z: Secondary spinal tumors. In: Boos N, Aebi M: Spinal Disorders-Fundamentals of Diagnosis and Treatment. Springer Ed, Berlin: 977-996 (2008)

Janssen M, **Marchesi D**, Chapman J: Artificial disc replacement in the cervical spine. Evidence-Based Spine Surgery 4, Special Edition: 1-120 (2008)

Janssen M, **Marchesi D**, Chapman J: Artificial disc replacement in the lumbar spine. Evidence-Based Spine Surgery 4, Special Edition: 1-128 (2008)

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Marchesi D: Spinal Metastasis. In: Boos N, Aebi M: Spinal Disorders – Fundamentals of Diagnosis and Treatment. Springer Ed., Berlin: 977-996 (2008)

Sociétés scientifiques

Société Suisse d'Orthopédie et traumatologie (SGO-SSO)

Société Suisse de Chirurgie du Rachis (SGS)

Société Suisse de Médecine (FMH)

Société Suisse de Chirurgie (FMCH)

Scoliosis Research Society (USA)

European Spinal Deformity Society (ESDS)

Spine Society of Europe (SSE)

Société Vaudoise de Médecine

Canadian Orthopaedic Association

Autres

Editorial Board of the "European Spine Journal", depuis 1992

Advisory Board for "Spine", depuis 1998

Participation à plus de 500 conférences dans des réunions internationales de chirurgie vertébrale

Publications grand publique

La colonne vertébrale accessible sous tous les angles

La lombalgie chronique et la chirurgie, quelle avenir?

Emissions médicales

La lombalgie chronique

Prothèse du disque