

Curriculum vitae



Full Name: Wolfgang Schaden
Academic Title: MD, Senior Surgeon (Trauma Center Meidling)
Date & Place of Birth: January 10, 1956, in Vienna, Austria
Nationality: Austria
Marital Status: Married, (2 sons, 21 years and 25 years)
Permanent Address: Landstrasser Hauptstrasse 83
A-1030 Vienna, AUSTRIA
Tel/Fax: ++43 6991 713 04 55
E-mail: med.eswt.schaden@aon.at

Graduate Education: Faculty of Medicine, University of Vienna (1974-1982)

Training for Traumatology in the Clinic of Wiener Neustadt (Lower Austria) 1982-1986

Regular emergency service as "Emergency Doctor" on the Helicopter "Christophorus III"

UN peace keeping force in Syria for 6 months as Trauma Surgeon (1986-1987)

Since 1988 occupied in the Trauma Center Meidling, Vienna, largest Trauma Unit in Austria (~ 70.000 patients per year)

Special Training in Microsurgery, Reconstructive Surgery and Neurosurgery

1992 - 2002 member of the replantation team of the Trauma Center Meidling

1993 first treatment with extracorporeal shockwaves (first study on non-unions)

Foundation of the International Society for Musculoskeletal Shockwave Therapy (ISMST) in Vienna (June 14, 1997)

Since 1998 Chief of the Department of Shockwave Therapy in the Trauma Center Meidling (till now more than 2,500 non-union treatments)

August 2004 first shockwave treatment for chronic and sub acute wounds

June 2008 President of the International Society for Medical Shockwave Treatment (ISMST)

RESEARCH AND SELECTED PUBLICATIONS Past 4 Years

1. Extracorporeal Shockwave Therapy (ESWT) in Podiatry, Lecture at the New York College of Podiatry, February, 2004, New York
 2. Principles of Shockwave Therapy for Non-Unions, Keynote-Speech, 7th Congress der International Society of Musculoskeletal Shockwave Therapy (ISMST), April, 2004, Kaohsiung, Taiwan
 3. Principles of Shockwave Therapy in Orthopaedics, Lecture (Grand Rounds) at the University of California in Sacramento (Orthopaedic Department, May, 2004, Sacramento
 4. Realidades fisiologicas de la Biocirugia por ondas de Choque: Historia, situacion actual y posibilidades futuras, Lecture at the Bienal Bosque Ortopedia 2004, July, 2004, Bogota
 5. The Mechanism of Action in Treating Chronic Plantar Fasciitis – a.k.a. How Does ESWT Work, Keynote Speech at the Annual Scientific Meeting of the American Podiatric Medical Association, August, 2004, Boston
 6. Working Mechanism of Shockwaves in Non-Urological Indications in Medicine, Lecture at the Institute for Applied Physics Laboratory of the University of Washington, September, 2004, Seattle
 7. Shockwave Therapie in Orthopaedics, Lecture (Grand Rounds) at the University of California Irvine, September, 2004, Orange County
 8. Working Mechanism of ESWT in Orthopaedics, Lecture at the 9th Golf Country Community Orthopaedic Conference, November, 2004, Riyadh
 9. Human Medicine: an Overview on ESWT Research and Clinical Applications, Lecture at the 50th Annual Convention of the American Association of Equine Practitioners, December, 2004, Colorado
 10. Mecanismo de acción de la ESWT en Ortopedia, Lecture at the Congreso Argentino de Ortopedia y Traumatología, December, 2004, Buenos Aires
 11. Extrakorporale Stoßwellentherapie (ESWT) aus der Sicht der Traumatologie, Journal für Mineralstoffwechsel, S. 40 – 45, Nummer 4, Jhg. 11, 2004, Wien
 12. Extracorporeal Shockwave Therapy for Tibia Non-Unions, Annual Meeting of the American Academy of Orthopaedic Surgeons, February, 2005, Washington
 13. Shockwave Therapy in Dentistry, Lecture at the University of Kentucky, Center for Oral Health Research, April, 2005, Lexington, Kentucky
 14. Working Mechanism of ESWT in Non-Urological Disciplines, Lecture at the 149th Meeting of the Acoustical Society of America, May, 2005, Vancouver
 15. Extracorporeal Shockwave Therapy for Chronic Skin Lesions, 8th International Congress of the ISMST, May, 2005, Vienna
 16. Extracorporeal Shockwave Therapy – Possible Indications in Cardiology, Lecture in the Institute de Cardiologie de Montréal, July, 2005, Montréal
 17. Extrakorporale Stoßwellentherapie (ESWT) bei Hautläsionen, J. für Medizinisch Orthpäische Technik 5, 2005, 55 – 57, Berlin, 2005
 18. Extracorporeal Shockwave Therapy (ESWT) in Medicine – Clinical Application and Research, Lecture (Grand Rounds) at the University of Kentucky, October, 2005, Lexington
 19. Extracorporeal Shockwave Therapy (ESWT) and Tissue Regeneration, 6th Annual Meeting Woundhealing, December, 2005 ST. Thomas, U.S. Virgin Islands
 20. Extracorporeal Shockwave Therapy for Chronic Skin Lesions – Preliminary Report, Lecture at the 9th International Congress of the ISMST, April, 2006, Rio de Janeiro
 21. Extracorporeal Shockwave therapy (ESWT) for Sub-Acute and Chronic Wounds (a Phase II Clinical Trial), Lecture at the 20th Annual Symposium On Advanced Wound Care, April, 2007, Tampa, Florida
 24. Use of Extracorporeal Shockwave Treatment in Orthopaedics and Trauma Surgery, Symposium am “Bienal Bosque Ortopedia 2007”, Bosque University, August, 2007, Bogota
 25. The Potential Use of Extracorporeal Shockwave Therapy in Modern Medical Applications, Lecture at the 8th Annual New Cardiovascular Horizons, September, 2007, New Orleans
-

SELECTED PREVIOUS PUBLICATIONS

1. Single Application of Extracorporeal Shock Waves in Delayed Healing Fractures and in Non-Unions, AAOS-Congress, February, 1997, San Francisco
2. Clinical Experience with Shock Wave Therapy of Pseudarthrosis, Delayed Fracture Healing, and Cement-Free Endoprosthesis Loosening, "Extracorporeal Shock Waves in Orthopaedics" W. Siebert/M. Buch; Springer-Verlag, Germany 1997
3. Extracorporeal Shock Wave Therapy (ESWT) in 37 Patients with Non-Union or Delayed Osseous Union in Diaphyseal Fractures, "High Energy Shockwave - Clinical Application in Urology, Gastroenterology and Orthopaedics" C. Chaussy, F. Eisenmenger, D. Jocham, D. Wilbert; Thieme-Verlag 1997
4. Overview of Extracorporeal Shockwave Therapy (ESWT) in Orthopaedics, 12th Annual Meeting of the American Lithotripsy Society, March, 1998, New York
5. Non Invasive Treatment of Non-Unions and delayed Healing Fractures with Extracorporeal Shockwave Therapy (ESWT), American Academy of Orthopaedic Surgeons AAOS, March, 1998, New Orleans
6. Non Invasive Treatment of Non-Unions and delayed Healing Fractures with Extracorporeal Shockwave Therapy (ESWT), faculty lecture at the 71st Annual meeting of the Japanese Orthopaedic Association, April, 1998, Tokushima/ Japan
7. Einmalige Anwendung der extracorporalen Stoßwellentherapie (ESWT) bei 40 Patienten mit Pseudarthrosen oder verzögerter Knochenbruchheilung, Acta Chir. Austriaca 1998; 30 (Suppl.140) 115-119, Blackwell Wissenschaftsverlag
8. Nichtinvasive Therapie von Pseudarthrosen mit hochenergetischer Extracorporaler Stoßwellen-Therapie (ESWT), Buchbeitrag Fortbildung Orthopädie- Die ASG-Kurse der DGOT Band I Steinkopff Verlag, Darmstadt
9. Musculoskeletal Shockwave Therapy, Editor with R. Coombs und S. Zhou, Greenwich Medical Media, 2000 London
10. Single Application of Extracorporeal Shock Waves in 97 Patients With Non-Unions or Delayed Healing Fractures, AAOS, March, 2000, Orlando
11. Extracorporale Stoßwellentherapie (ESWT) bei Pseudarthrosen und verzögerter Frakturheilung, Trauma und Berufskrankheiten; 2 (Suppl.3) S 333-S 339 Springer-Verlag
12. Shock waves and surgical treatment in comparison in Europe – clinical point of view, Lecture at the 1st Covegno nazionale di chirurgia ortopedica day surgery (C.O.D.S.) 8.- 10. February, 2001, Rom
13. Extracorporeal Shock Wave Therapy of Nonunion or Delayed Union, Clinical Orthopaedics and Related Research, N. 387, pp. 90-94, 2001, USA
14. Extracorporeal Shock Wave Treatment (ESWT) for the Treatment of Non-Unions or Delayed Healing Fractures, 5th European Trauma Congress, May, 2002, Vienna
15. Extracorporeal Shock Wave Therapy in Orthopaedics – Present State and Future Perspectives, faculty Lecture at the National Congress of the Orthopaedic Association of Taiwan, October, 2002, Taipeh
16. Shockwave Therapy for Bone Pathologies, Lecture at the 38th Congreso Chileno de Ortopedia y Traumatologia, November, 2002, La Serena, Chile
17. Extracorporeal Shockwave Therapy (ESWT) in Orthopaedics, Lecture at the 54th Annual International Congress of the Egyptian Orthopaedic Association, December, 2002, Cairo
18. Tibia Non-Unions Treated with Extracorporeal Shock Wave Therapy, 70th Annual Meeting of the American Academy of Orthopaedic Surgeons, February, 2003, New Orleans
19. Comparison of 30 Tibial Non-Unions: Conventional Treatment Versus Extracorporeal Shock Wave Therapy, 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), May, 2003, Helsinki
20. Effect of Extracorporeal Shock Wave Therapy on Osteoblastlike Cells, Co-Autor, Clinical Orthopaedics and Related Research, 413, pp. 269-280, 2003
21. Working Mechanism of Shockwave Therapy in Orthopaedics, Lecture at the King Khaled University Hospital, September, 2003, Riyadh

22. Extracorporeal Shockwave Therapy (ESWT) in Podiatry, Lecture at the New York College of Podiatry, 11. February, 2004, New York
23. Working Mechanism of Extracorporeal Shockwave Therapy in Orthopaedics, Lecture at the University of Kentucky, Department of Orthopaedic Surgery and Sports Medicine, 18. February, 2004, Lexington