

ISADOR H. LIEBERMAN BSc MD MBA FRCSC

Orthopaedic & Spinal Surgeon,
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Texas Back Institute

Dr Lieberman is a fellowship trained Orthopaedic and Spinal Surgeon who was recruited to the Texas Back Institute in 2010. Prior to that he practiced at the Cleveland Clinic. He is board certified by the American Board of Orthopaedic Surgery, and holds specialist certification from the Royal College of Physicians and Surgeons of Canada. He completed Medical school and residency at the University of Toronto. He completed Spine surgery and Trauma surgery fellowships at the Toronto Hospital in Canada and at Queen's Medical Center in Nottingham, England. He held a full time academic appointment at the University of Toronto and was on the Academic staff of the Toronto Hospital up to his 1997 recruitment to the Cleveland Clinic. In 2002 he obtained his Masters degree in Business Administration from Cleveland State University. Shortly after he was appointed to the faculty of the Cleveland Clinic Lerner College of Medicine at the rank of Professor of Surgery. In 2007 he transitioned his practice and administrative duties to Cleveland Clinic Florida where he was appointed Chairman of the Spine Department. Most recently he was recruited to the Texas Health Presbyterian Hospital Plano where he is the director of the scoliosis and spine tumor programs.

Dr Lieberman specializes in the surgical treatment of spinal disorders. His clinical interests include; minimally invasive/endoscopic spinal surgery, adolescent and adult scoliosis, deformity reconstruction, cervical and lumbar degenerative disorders including herniated discs and stenosis, spinal tumors, infections and trauma. Dr Lieberman's research interests include; clinical outcomes in spinal surgery, biomechanics of spinal implants, robotics for spinal surgery and disc replacement technologies. He has conceived and developed a number of spinal surgery instruments and implants and has seventeen issued and twelve pending U.S. patents. Dr Lieberman is recognized nationally and internationally for his contributions to minimally invasive/endoscopic spinal surgery and for his contributions to the treatment of osteoporotic vertebral compression fractures. Through research, clinical trials and surgical innovation he has been instrumental in advancing the use of minimally invasive spinal surgery techniques to treat herniated discs, lumbar degenerative disorders, osteoporotic vertebral compression fractures and scoliosis. He has over seventy peer-reviewed publications and over 50 book chapters to his credit. He has presented over 150 invited lectures at universities, hospitals, national meetings and international meetings.

Dr Lieberman has edited a book, "MINIMAL ACCESS SPINAL SURGERY". He was the senior editor for "ADVANCES IN OSTEOPOROTIC FRACTURE MANAGEMENT", and is a member of the editorial review boards for "SPINE", "the EUROPEAN SPINE SOCIETY JOURNAL", and the "JOURNAL of SPINAL DISORDERS & TECHNIQUES". Dr Lieberman is also recognized nationally and internationally for his contributions to continuing medical education, teaching of medical students and residents, and the training of clinical as well as research spinal fellows. He has chaired over 40 hands on training courses teaching minimally invasive spinal surgical techniques to over 500 surgeons. He has chaired or co-chaired 4 CME courses for the American Academy of Orthopaedic Surgeons (AAOS) (over 200 participants). He is the co-chair for the AAOS Maintenance of Certification Review Course. He did co-chair the Cleveland Clinic Hands on Spine Review Course and also co-chaired the first combined Turkish Spine Society Hands on Review Course. From 1994 on he has trained over 40

clinical spine fellows, 4 research post-graduate fellows, and is mentoring many residents and medical students. While at the Cleveland Clinic Dr Lieberman was involved in numerous administrative and development projects. In January 2005 he was elected to the Board of Governors for a four year term. He was the director of the “MINIMALLY INVASIVE SURGERY CENTER” and was the director of the newly established “CENTER FOR ADVANCED SKILLS TRAINING”. He was selected to be a team leader for the World Class Service initiative. He chaired the Minimally Invasive Surgery Center operations committee, and sat on the International Center Advisory Board committee. He sat on the Board of Trustees Marketing committee as well as the Conflict of Interest committee. He was instrumental in establishing the “Combined Multiple Myeloma Clinic” and the “Multidisciplinary Vertebral Compression Fracture Clinic”. He was also instrumental in establishing “Health Link Canada” as well as the “Cayman Island Referral Program”. In January 2008 he was appointed Chairman of the newly established Medical, Interventional and Surgical Spine Care Center at Cleveland Clinic Florida. Along with that he was the director of the Continuing Medical Education Department.

In addition to his institution related responsibilities Dr Lieberman was chairman of the “Multidisciplinary Patient Care Committee” and served as vice chairman of the “Operative Coding Committee” for the North American Spine Society. He served on the Global Outreach Committee of the Scoliosis research society and also sits on the Adult Spine Evaluation Subcommittee for the American Academy of Orthopaedic Surgeons. He continues to serve on the scientific advisory board for a variety of prominent medical device manufacturers and start up spine companies. In 2005 he founded the implant development company Merlot OrthopediX.

Along with all his innovative activities Dr Lieberman established the Uganda Charitable Spine Surgery Mission which provides services to the less fortunate in Uganda who are afflicted with spinal ailments including tuberculosis and scoliosis.