



Curriculum Vitae

Personal information **Tomislav Smoljanovic**

Work experience

16/02/2009 – present

Consultant Orthopaedic Surgeon; Head of Polyclinics

University Hospital Center Zagreb

City: Zagreb

Country: Croatia

I treat orthopedic patients both non-surgically and surgically. Areas of my special interest are hip and knee arthroplasty and preservation procedures. As a Head of polyclinics, I am responsible for organizing the work of the polyclinic of the Department, where more than 15 orthopaedic surgery consultants treat outpatients. I had a year break of the duties while I worked in SWLEOC.

16/02/2009 – present

Associate Professor of Orthopaedic Surgery; Head of Medical Studies in English - Orthopaedics

School of Medicine; Zagreb University

City: Zagreb

Country: Croatia

I teach orthopedics to undergraduate students at the School of Medicine of the University of Zagreb in Croatian and English language. I also teach at the postgraduate study to residents of orthopedic surgery, residents of physical medicine and rehabilitation, and residents of occupational medicine and sports. I had a year break of the duties while I worked in SWLEOC.

21/09/2015 – 28/10/2016

Locum Consultant Orthopaedic Surgeon

South West London Elective Orthopaedic Centre (SWLEOC)

City: Epsom

Country: United Kingdom

I worked as a member of an orthopaedic surgery academic team under lead by professor Richard Field. I treated orthopedic patients both non-surgically and surgically (hip and knee arthroplasties and arthroscopies). I participated in education of research fellows who worked in the center at the time.

05/05/2021 – present

Director of a private medical company for provision of health services

Ortohem Ltd.

City: Zagreb

Country: Croatia

I organize work in the company which is registered to provide services in the fields of orthopedics and traumatology, internal medicine, physical medicine and rehabilitation, and anesthesiology with pain treatment.

01/02/2022 – present

Director of a private company for service and trade company

Hemartros Ltd.

City: Zagreb

Country: Croatia

I organize work in the company which is registered to provide wholesale of medical products. The main service of the company is to provide a rent of surgical equipment (arthroscopic instruments, traction system for hip arthroscopy, saw and drill system, etc.) to hospitals where I operate my private patients, as the hospitals usually do not have specific equipment I need for the procedures. In addition, the company rent devices for continuous passive motion to patients after orthopedic surgical procedures.

Education and training

02/02/2004 – 27/01/2009

Orthopaedic Surgery Residency - Specialist of Orthopaedic Surgery

Department of Orthopaedic Surgery, University Hospital Center Zagreb

Address: Salata 7, 10000 Zagreb (Croatia)

<https://www.kbc-zagreb.hr>

06/10/2003 – 08/10/2008

Postgraduate Doctoral Program - Doctor of Philosophy Degree (Ph.D.)

School of Medicine, Zagreb University

Address: Salata 2, 10000 Zagreb (Croatia)

<https://mef.unizg.hr/en/>

Additional information

Publications

Čengić T, Kodvanj J, Smoljanović T, Adamović P, Alerić A, Bohaček I, Milošević M, Sabalić S, Delimar D. Impact of cementless Zweymüller stem anteversion on resistance to periprosthetic fracture in total hip arthroplasty. *Acta Clin Croat.* 2022;60(3):429-434.

<https://pubmed.ncbi.nlm.nih.gov/35734502/>

Bohaček I, Plečko M, Duvančić T, Smoljanović T, Vukasović Barišić A, Delimar D. Current knowledge on the genetic background of developmental dysplasia of the hip and the histomorphological status of the cartilage. *Croat Med J.* 2020;61(3):260-270.

<https://pubmed.ncbi.nlm.nih.gov/32643343/>

Afzal I, Radha S, Smoljanović T, Stafford GH, Twyman R, Field RE. Validation of revision data for total hip and knee replacements undertaken at a high volume orthopaedic centre against data held on the National Joint Registry. *J Orthop Surg Res.* 2019;14:318.

<https://pubmed.ncbi.nlm.nih.gov/31601231/>

Skipsey D, Hosny S, Wright E, Allen F, Smoljanovic T, Stafford G. Local infiltration analgesia in total knee arthroplasty: why it may not be effective in surgical practice. *ANZ J Surg.* 2016;86:844-5.

<https://pubmed.ncbi.nlm.nih.gov/27701833/>

Mahnik A, Mahnik S, Dimnjakovic D, Curic S, Smoljanovic T, Bojanic I. Current practice variations in the management of anterior cruciate ligament injuries in Croatia. *World J Orthop.* 2013;4:309-15.

<https://pubmed.ncbi.nlm.nih.gov/24147268/>

Delimar D, Smoljanovic T, Bojanic I. Could the use of bone morphogenetic proteins in fracture healing do more harm than good to our patients? *Int Orthop.* 2012;36:683; author reply 685.

<https://pubmed.ncbi.nlm.nih.gov/22052478/>

Smoljanovic T, Bojanic I, Pollock CL, Radonic R. Rib stress fracture in a male adaptive rower from the arms and shoulders sport class: case report. *Croat Med J.* 2011;52:644-7.

<https://pubmed.ncbi.nlm.nih.gov/21990083/>

Smoljanovic T, Bojanic I. An evolving perception of the risk of rhBMP-2 use for anterior spinal interbody fusions. *Spine J.* 2011;11:520-1.

<https://pubmed.ncbi.nlm.nih.gov/21612986/>

Smoljanovic T, Rakovac M, Bojanic I. Could chronic host inflammatory response be responsible for delayed onset of retrograde ejaculation after the labeled use of recombinant human bone morphogenetic protein-2? Spine J. 2011;11:167-8.

<https://pubmed.ncbi.nlm.nih.gov/21296304/>

Smoljanovic T, Cimic M, Bojanic I. Aggressive end plate decortication as a cause of osteolysis after rhBMP-2 use in cervical spine interbody fusion. Spine J. 2010;10:187-8; author reply 188.

<https://pubmed.ncbi.nlm.nih.gov/20142074/>

Smoljanovic T, Janjanin S, Bojanic I. Avoiding unanticipated adverse effects of recombinant human bone morphogenetic protein-2 therapy in craniofacial surgery with experiences from spinal applications. J Craniofac Surg. 2009;20:1626.

<https://pubmed.ncbi.nlm.nih.gov/19816316/>

Smoljanovic T, Bojanic I, Delimar D. Adverse effects of posterior lumbar interbody fusion using rhBMP-2. Eur Spine J. 2009;18:920-3; author reply 924.

<https://pubmed.ncbi.nlm.nih.gov/19352727/>

Projects

Memberships

Advisor to the European Commission in the field of medical devices and in vitro diagnostic medical devices - screening panel

[European Union, 12/2020]

Sports Medicine Commission of World Rowing Organization (former FISA)

[Lausanne, Switzerland, 2012-2021]

European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA)

[Luxembourg, Luxembourg, 2011 – 2018]

Sport Medicine Commission of Croatian Paralympic Committee

[Zagreb, Croatia, 2010]

Pararowing Commission of World Rowing Organization (former FISA)

[Lausanne, Switzerland, 2006 – 2012]

Croatian Orthopaedic and Traumatology Association (COTA)

[Zagreb, Croatia, 2004]

Croatian Orthopaedic Surgery Society of Croatian Medical Doctors Association

[Zagreb, Croatia, 2004]

Sport Medicine Commission of Croatian Rowing Federation

[Zagreb, Croatia, 2003]

Other Relevant Information

Selected as one of twenty best research fellows among all research fellows in Croatia and for that achievement promoted into Assistant Professor rank
Croatian Ministry of Science, Education and Sport [2013]

National Pride of Croatia

Association that promotes courage, humanity and honesty under the auspices of Croatian President [2011]

As a research fellow and orthopaedic surgery resident I discovered systematic ignoring of several adverse effects

caused by a device used for spinal fusions in published articles supported by the

manufacturer (<https://www.nytimes.com/2011/05/25/business/25spine.html>). To draw awareness to those clinically significant findings my associates and I published more that 35 letters to the editors from 2006 until 2011. The findings were confirmed by an independent analysis of United States (US) Food and Drug Administration (FDA) data (<https://www.ncbi.nlm.nih.gov/pubmed/21729796>) in 2011 and by an official investigation of US Senate (<https://www.ncbi.nlm.nih.gov/pubmed/23684264>) in 2012.

Letter of Recognition and Reward for exceptional scientific productivity within the period of time from 2007 until 2011

School of Medicine, Zagreb University [2011]

Member of the best men's sports team of Croatia

Croatian Olympic Committee [2001]

Silver medal, World Rowing Championships, Luzerne 2001; Switzerland; men's eight

Gold medal, World Rowing Cup, München 2001; Germany; men's eight

Silver medal, World Rowing Cup, Seville 2001; men's eight

Gold medal, Henley Royal Regatta, The Grand Challenge Cup, Henley, 2001; United Kingdom; men's eight

Gold medal, The Windermere Cup, Seattle, 2001; USA; men's eight

Member of the best men's sports team of Croatia

Croatian Olympic Committee [2000]

Bronze medal, Olympic Games Sydney 2000; Australia; men's eight

Gold medal, World Rowing Cup, München 2000; Germany; men's eight

Croatian National Award of Sport “Dr Franjo Bucar”

Committee of the National Award of Sports appointed by the Croatian Parliament [2000]

For significant achievements and contribution to development of sport in the Republic of Croatia