

«SPITZENMEDIZIN VERBESSERT DIE ZUKUNFT DER KINDER»
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Einführung

Prof. Dr. Mazda Farshad

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Prof. Dr. med. Mazda Farshad is an orthopedic surgeon specialized in the most complex spine surgery procedures. He is surgeon in chief and medical director of the Balgrist University Hospital and professor and chair of orthopedic surgery at the University of Zurich. After medical school at the University of Zurich, he started his training in Switzerland and then moved to New York to the Hospital for Special Surgery, where he specialised in spine surgery. At Balgrist University Hospital he established, among other things, the University Spine Centre Zürich, which focuses on highly complex spine surgery.

With the OR-X, which is currently under construction, Prof. Farshad initiated a new unique research centre. The OR-X is a highly technological equipped research and training infrastructure where surgical innovation and education can happen without patient burden.

Prof. Farshad's current research interests are patient-specific biomechanical modelling and novel strategies of surgical task executions such as augmented reality-based navigation. He overlooks and is actively involved in further areas of musculoskeletal research such in the fields of biomechanics, epidemiology and computer science in orthopedics. Multiple highly recognized scientific publications already document the path toward Prof. Farshad's vision of a novel disruptive technology changing surgical care.