

Special Issue

Evidence-Based Clinical Management of Orthopaedic Trauma: 25 Years in Retrospect, and a Forecast of 25 Years to Come

Message from the Guest Editors

In 2025, we look back on 25 years of evidence-based orthopaedic surgery. We will celebrate this anniversary by holding a scientific symposium with renowned guest-speakers at the BG Klinikum Unfallkrankenhaus Berlin, a leading tertiary-care trauma centre in the capital of Germany. This Special Issue is intended to accompany the event, depict the current state-of-the art, and pave the way for future research. Transferring the principles of evidence-based medicine to the surgical disciplines has already turned out to be difficult, and appeared almost impossible in the setting of orthopaedic and multiple trauma. Yet, major international consortia were formed, enabling cutting-edge multicentre trials which fundamentally changed our understanding of established care processes and improved patient outcomes. Novel clinical trial concepts, innovative methods to model large-scale routine data, molecular and personalized medicine, artificial intelligence, etc., will further boost our knowledge in future. We invite systematic reviews and meta-analyses on major issues in orthopaedic trauma, reports of randomized trials, and large-scale observational data.

Guest Editors

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