

Recent technologies in orthopedic surgery

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Abstract

The last few decades have brought significant technological progress in orthopaedics, thanks to which the treatment of musculoskeletal diseases has become effective. The introduction of new treatment methods and surgical techniques allows many patients to return to normal functioning. Currently used bioorthopedic techniques, 3D printing, tissue technologies including tissue transplants, and standard “tailor-made” implants are already standard in many countries. Minimally invasive treatment using intra-articular imaging will significantly speed up recovery and return to everyday activities and even sports activities. The presented lecture is an overview of the possibilities of modern orthopaedics, with particular emphasis on the most modern techniques already introduced into common practice.

About the lecturer

Dr hab. Szymon Łukasz Dragan, MD is Associate Professor at the Faculty of Medicine of Wrocław University of Science and Technology and Senior Assistant at the Orthopedic Department of T. Marciniak Clinical Hospital in Wrocław. He specialises in orthopaedics and traumatology and (co)authored a significant number of publications in the field, including a book.