Dokumenttyp: journal article

Autor(en) des Beitrags: Dotzel, V; Wetzel, D; Wilhelm, D; Schneider, A; Wessels, G; Feussner, H

Titel des Beitrags: [Robotic and navigation systems: surgical practicability and benefit for the patient?]

Abstract: The use of robotics and navigated systems to prepare, perform and reinforce surgical interventions is described by the term "computer aided surgery" (CAS). CAS is expected to make surgery even more precise, safer and cheaper. It comprehends computer based supporting systems (e.g. therapy planning, simulation, navigation), assisting systems, programmable automates and the so called master-slave-systems. When introducing technical innovations, the potential benefit of the patient is the essential issue. Then only practicability under clinical conditions, and additional aspects can be discussed. Conclusively, less spectacular applications of CAS like computer based supporting or assisting systems are more relevant for current practical use than visionary robotic systems.

Zeitschriftentitel / Abkürzung: Zentralbl Chir

Jahr: 2003

Band: 128

Heft / Issue: 3

Seiten: 227-31

Sprache: de

Pubmed:

Print-ISSN: 0044-409X

TUM Einrichtung: Chirurgische Klinik und Poliklinik

Occurences:

- Einrichtungen > Fakultäten > Fakultät für Medizin > Kliniken und Institute > Chirurgische Klinik und Poliklinik > 2003

entries: