



Clinical Robotics

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Message from the Guest Editor

Robotics in healthcare has experienced revolutionary advancements in the past several decades. Clinical robots are robots applied in clinical medicine, including surgical robots, rehabilitation robots, biorobots, telepresence robots, pharmacy automation robotic systems, companion robots, and disinfection robots. These robots allow precise surgical operations and minimally invasive surgery, assist individuals with dysfunction of body parts affecting movement, act like living things through imitating the cognition of humans and animals, enable medical professionals to provide a remote healthcare practice, automate pharmacy tasks, communicate emotionally with patients leading to mental therapy effects, and keep our living environment clean to control or prevent infection of patients. This topic intends to present the latest developments in clinical robotics and applications to healthcare fields.

