



**Scienxt Journal of New Trends in Robotics & Automation**  
Volume-2 || Issue-1 || Jan-Apr || Year-2024 || pp. 1-37

## *Applications of mechatronics in medical field: a review*

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## **Abstract:**

Medical field is no longer dependent on older technologies. It has developed a lot. In every field of medical a remarkable progress have been done. In healthcare, mechatronics accelerated various technologies by developing devices, equipments, and systems that enhanced the delivery of medical services. The main objective of mechatronics is for designing and creating smart machines and smart products, leading to innovations of robotic surgical instruments, intelligent positioning beds, exoskeletons, care robots, hospital robots, and life-saving medical devices like pacemakers, defibrillators etc. Mechatronics have made remarkable progress from a-z different areas of medical field.