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# **WPLYW PRZEBYTYCH ZŁAMAŃ W OBRĘBIE ŁOKCIA NA JAKOŚĆ ŻYCIA**

Rozprawa na stopień doktora nauk medycznych i nauk o  
zdrowiu

w dyscyplinie nauki medyczne

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# ABSTRACT

## THE INFLUENCE OF CURRENT ELBOW FRACTURES ON THE QUALITY OF LIFE

The impact of the elbow joint injury on the quality of life is unknown. The aim of the study was to determine this influence as well as to determine the results of surgical treatment.

A group of 65 patients treated at the Department of Orthopedics and Traumatology of the Movement System of the Medical University of Warsaw in the years 2014-2020 due to trans-articular fractures of the distal end of the humerus, proximal end of the ulna or the radius was analyzed. Quality of life was assessed using the EQ5D-5L scale, and the DASH and MEPI scores were used to assess limb function.

There was no decrease in the quality of life in the studied group of patients. The analysis of the material showed that among the rearrangement fractures within the elbow, the fractures of the ulna have the best treatment results, and the fractures of the distal end of the humerus were the worst.

The very good usefulness of the DASH questionnaire for determining the functionality of the upper limb, including the elbow, was confirmed. The MEPI questionnaire was shown to be of little use.