



UNIwersytet  
MIKOŁAJA KOPERNIKA  
W TORUNIU

Wydział Nauk o Zdrowiu  
Collegium Medicum w Bydgoszczy

**Iwona Strzelecka**  
**NR Albumu 503085**

## **Zabiegi cystektomii radykalnej metodą laparoskopową i z asystą robota da Vinci z perspektywy pracy pielęgniarki operacyjnej**

**Rozprawa na stopień doktora nauk o zdrowiu**

### **Abstract**

#### **Introduction**

Bladder cancer is one of the most common cancers of the urogenital system, ranking second in terms of the incidence of urinary tract cancers in Poland. Taking into account the prospect of an aging society, medicine faces an extraordinary challenge of rapid diagnosis and treatment. For many years, medicine offered patients treatment of bladder cancer using the open method, which was associated with a high burden and many complications. Laparoscopic surgery used in Poland in the 1990s significantly improved treatment results and the quality of life of cured patients. Another important event was the design of a surgical robot by the American company Intuitive Surgical.

Robotic surgery is in the spotlight today due to its importance in the field of health. Several segments of prevention and rehabilitation are seeing an increased use of technology, which is essential in the health field and poses a challenge for nursing staff who should always be up to date, given the transience of technological evolution. Appropriate use and administration of technology benefits the practice of healthcare. Therefore, the topic of the work of an operating nurse in the context of modern technologies was understood in order to analyze sociodemographic and clinical variables to improve the professional effectiveness of operating nurses.

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