

## ABSTRACT

Bc. ELIÁŠOVÁ, Julie. *Prevention of Catheter Infections Including a Financial Analysis*. Charles University, Third Faculty of Medicine. Degree: Master's. Supervisor: Ing. Nehodová Petra. Prague. 2021. 68 pages.

The Masters thesis consists of two parts; a theoretical and a practical section. The main objective is to show on a number of case studies the resolution of catheter-related infections and the financial strain it puts on a cardiosurgical unit of university hospital Královské Vinohrady. A specific goal set for this thesis includes calculating the cost for preventive measures. The practical section is then supported by a theoretical summary of current scientific knowledge on the topic of prevention of catheter-related infections. It touches on successes and failures in this area and also includes a precis of guidelines and recommendation for practice.

### Keywords

Guidelines for practice. Financial analysis. Prevention. Catheter-related infections. Case study.