

The bachelor thesis deals with issues of handling an infusion line. The thesis describes the infusion line, its components and an extra chapter is devoted needleless connectors. It also includes procedures of using infusion lines and needleless connectors which are recommended not only by The International Association of Infusion Nurses (INS), but also by The Centers for Disease Control and Prevention (CDC). The work also describes complications of nosocomial infections that are related to handling the infusion line. In the practical part, I have made the results of the survey, which was aimed at the servicing infusion lines. The questionnaire was completed by nurses and midwives at Podřipský hospital and the health centre in Roudnice nad Labem. From the obtained data, I have found out that 81.82% of respondents use when working with the infusion line needleless connectors. On the contrary bacterial filters in the catheter sepsis prevention are not used at all. Next I have found out that 98.18% of respondents carry out the hygienic disinfection of hands before using the infusion line.