

**APPLICATION OF UMBILICAL CORD TREATMENT WITH STERILE GAUZE AND POVIDONE IODINE 10% TO THE LENGTH OF THE UMBILICAL CORD RELEASE IN INFANT AT THE PUSKESMAS MOJOLABAN**

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**ABSTRACT**

**Background;** Indonesian is a developing country. Where infant birth rates in Indonesian are still quite high reach 4,8 million. In sukoharjo in 2017 there are 1206 baby birth rates. Newborns need daily care. Treatment of the umbilical cord is one of care that requires special attention. The umbilical cord is treated properly and corelly to prevent neonatal infection. **Objectives;** To find out the difference the length of the umbilical cord in infant between treatment with sterile gauze and povidone iodine 10%. **Method;** Descriptive research method with case study research design is used as the research method. This research instrument was observation sheet. **Result;** The length of the umbilical cord release with treatment of sterile gauze is 7 day fast category. The length of the umbilical cord release with treatment of povidone iodine 10% is 6 day fast category. The development of both are fast category, but there is a difference the length of the umbilical cord release. **Conclusion;** The development of both are fast category, but there is a difference the length of the umbilical cord release. The length of the umbilical cord release with treatment of steril off on 7 day, while The length of the umbilical cord release with treatment of povidone iodine 10% off on 6 day.

**Keyword :** sterile gauze and povidone iodine 10%