Abstract

In this paper, the rough set theory is used to deal with the relations between patient’s temperature, oxygen saturation, blood pressure and decision ADM-DECS in care of postoperative patients, we select 28 postoperative patients as a sample, take ADM-DECS as a decision attribute and take patient’s temperature, oxygen saturation, blood pressure as
condition attributes. We are based on rough-set theory to research importance of condition attributes with respective to decision attribute and strength of condition attributes supporting decision attribute. Results of this research will be helpful for nurses to raise quality of care.

Reference

- Q. Li, G. Xie and Y. MU, The application of data mining technology based on rough sets to medical diagnosis, CHINESE MEDICAL EQUIPMENT JOURNAL, 3(2005), 3-7.

Index Terms

Computer Science  Data Mining
Key words

rough set  importance  strength

blood pressure