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EVALUATION OF PROPHYLACTIC ANTIBIOTIC USE IN SURGICAL PROCEDURE

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ABSTRACT

We use antibiotics before surgery to prevent infections after the operation infections at the site of the surgery. The right choice of antibiotic when to give it and how long to give it are very important to make sure the works and to minimize bad side effects and the development of antibiotic resistance..

Often doctors do not use antibiotics correctly. This study looks at how antibiotic used before surgery and if this use is appropriate. We watched what happened in the surgery department of a hospital over six months. We collected information from patients who had surgery that was planned and from patients who had emergency surgery. We decided if the use of the antibiotic was appropriate by looking at guidelines from the World Health Organization and the Centers for Disease Control and Prevention. We watched what happened in the surgery department of a hospital over six months. We collected information from patients who had surgery that was planned and from patients who had emergency surgery. We wrote down information about the patients the type of surgery they had which antibiotic they got when they got it how much they got and how long they got it. Our study shows that there is a difference, between what the guidelines say to do and what actually happens in the hospital when it comes to using antibiotics before surgery. The common problems we found were that the antibiotics were not given at the right time and they were given for too long. If hospitals follow the guidelines and use antibiotics carefully patients will be off and there will be less chance of antibiotics not working anymore