

Introduction

Operating room (O.R.) is a complex area as there are multiple specialists like surgeons, anesthetists, nurses, technicians plus patients. So there are multiple motivations which create an environment of interest and stress.

Discipline means to keep something under control.

A large part of surgeon's life is spent within the operating theatre. There are physical, chemical and infective hazards to the surgeon, his colleagues, nurses and the patients thus making the operating department the most hazardous part of the hospital. The surgeons must gain an understanding of this environment and the risks to both staff and patients. ⁽¹⁾

In the operating theatre Most of the patient is totally helpless and under full control of theatre staff. The operating theatre must provide a safe, efficient and user friendly environment that is as free from contamination as possible. Operating suites should be sited near to each other for efficient flexibility of staff movement, preferably on the first floor, away from the main hospital traffic. They should be on the same level and close to intensive care units and surgical wards. The suite should incorporate the theatre supply unit. There should be minimum distance between operating rooms and the accident and emergency (A & E) unit and x-ray facilities. ⁽²⁾

Operating theatres now have an incident reporting system to control adverse incident in the theatre. It is not designed for punishment but educational, Joint audit sessions between anaesthetists and surgeons allow adverse incidents to be discussed in an open and constructive way.

The (O.R.) discipline improves quality and efficiency of the surgery and decrease the length of the stay of the patients in the hospital and minimize the costs & optimize the outcome of surgical operations. ⁽²⁾