

ORGANIZATION AND CREATION OF A SAFE WORK ENVIRONMENT

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ABSTRACT

Introduction: The complexity of the surgical work environment is determined by various occupational risks, from accidental, physical, chemical, biological, ergonomic, psychosocial and organizational risks, all of which can affect and threaten to varying degrees the physical and mental health as well as the well-being of personnel in the operating room.

Aim: Health personnel must know and respect safety standards to protect their health and that of their colleagues. It is important that all occupational health and safety programs focus on promoting a safe work environment.

Activity in the operating room is complex. There are a number of risks to personnel. For this reason, the organization of work in the operating room is important for the smooth running of the work and the protection of personnel from complications during professional activity.

Methodology: This study was based on a questionnaire that was distributed to 38 doctors and scrub nurses, in different surgical rooms, who answered questions such as: have you had damage to the gloves during the surgical intervention, puncture or tear from a surgical instrument, contact with biological secretions in the conjunctiva, contact with biological secretions on the face, etc.

Results: In the results obtained from the study, the largest percentage 94.7% had a puncture from a surgical instrument, damage to the gloves and contact with biological secretions on the face. 78.9% side effects from anesthetic gases. 71.1% side effects from lifting weights and contact with biological secretions in the conjunctiva and 26.3% side effects from ionizing radiation during the intervention.

Conclusions: It was found that the risk of puncturing was considerable, as well as the damage to the gloves during work was also high. Health personnel must respect safety standards to protect their health and that of their colleagues. It is the duty of the hospital, which aims to produce health, to avoid dangerous activities for its personnel.

Keywords: occupational safety, surgical environmental risks, occupational health