Abstract

The recommendations for temperature ($T^\circ$) and relative humidity ($RU$) for the storage of sterilized materials in Sterilization Central Supply (SCS) vary according to different sources, and are not based on theoretical frameworks or experiments. The practice shows difficulties in controlling these parameters, leading to doubts regarding the maintenance of the sterility of these materials. This article proposed, through a literature review, to identify and analyze the recommendations for $T^\circ$ and $RU$ for the sterile storage area. We did not find any literature that justifies the referred recommendations. Seven articles were included which analyzed the variables $T^\circ$ and $RU$ in the storage area as factors that could affect the sterility of the materials, and showed contradictory results regarding these factors’ interference in maintaining the sterility of the materials.

Keywords