Temperature bound: 20~24 C

RH Bound: 20-60%

**The rationale for the current 20% lower limit is that Low RH:**

decreases the shelf life of certain supplies, such as biological indicators and chemical indicators used for sterilization monitoring, and electrocardiogram electrodes.

increases the chance of electrostatic discharge that could harm or interfere with electromedical equipment,4 and potentially spark a fire (this is less of a recent issue because the risk of electrostatic discharge is less with nonflammable anesthetics and antistatic surgical gowns).

**The rationale for the current 60% upper limit is that High RH:**

increases the chance of surface mold and mildew growth;

may increase the risk of wound infections;

is less comfortable for operating room personnel.