

# Surgical Lights and Operating Tables

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### *Surgical Lights:*

#### 1. Purpose:

- Illuminate the surgical field for optimal visibility during procedures.

#### 2. Types:

- Ceiling-mounted lights: Provide uniform illumination from above.
- Mobile lights: Can be easily repositioned as needed.

#### 3. Features:

- Adjustable intensity and color temperature.
- Shadow reduction technology.
- Sterile handle controls for hands-free operation.

#### 4. Benefits:

- Enhance precision and accuracy in surgical procedures.
- Reduce eye strain and fatigue for surgical team.

### *Operating Tables:*

#### 1. Purpose:

- Provide a stable and adjustable platform for patients during surgery.

#### 2. Types:

- Manual tables: Adjusted by hand cranks.
- Electric tables: Motorized adjustments for height, tilt, and position.

#### 3. Features:

- Radiolucent tabletop for X-ray imaging.
- Trendelenburg and reverse Trendelenburg positions.

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- Weight capacity and patient safety features.

## 4. Benefits:

- Optimal patient positioning for surgical access.
- Enhance surgeon ergonomics and comfort during procedures.

### *Integration:*

- Surgical lights and operating tables work in tandem to create an efficient and safe surgical environment.
- Proper positioning and illumination are crucial for successful surgical outcomes and patient safety.