

## Product Features



### Safe Working Temperature

Maintains a safe working temperature under 38°C / 100.4°F within the surgical cavity at any lighting intensity



### Battery-operated and Adjustable Illumination

Four lighting intensity levels, adjustable light strip and 4-hour lifespan to meet all surgical illumination needs



### Ease of Use

Hassle-free set-up, cordless and compact (4.6mm diameter, 800mm length) to fit any constrained operating fields



- KLARO® transforms conventional retractors to illuminated ones.
- KLARO® can be easily secured onto any surgical retractors with the retractor loops.



Scan the QR code to watch live surgery videos and product demo.

References: 1) Jahnvi Curlin and Charles K. Herman. Current State of Surgical Lighting. The Surgery Journal. 2020; 6(2):87-97. 2) Knulst AJ, Mooijweer R, Jansen FW et al. Indicating shortcomings in surgical lighting systems. Minim Invasive Ther Allied Technol. 2011;20(5):267-275. 3) Sabatino L, et al. A new lighting system for surgical vision optimization in barbed pharyngoplasty for OSA. Journal of Personalised Medicine. 2023, 13, 1320. 4) Sahni D, James KB, Hipp J et al. Is there an Increased Incidence of Cervical Degenerative Disease in.



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## Unlock Superior Intraoperative Visibility



# KLARO® Design Rationale

KLARO® was conceptualised following an in-depth study of the SingHealth hospital system following the Stanford Biodesign innovation principles. Out of 111 clinical needs, surgical lighting came out as the top need.

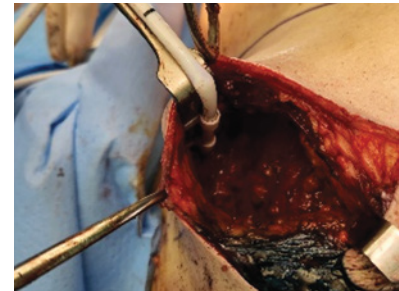
- **88%** of surgeons are challenged by deep cavity illumination<sup>1</sup>
- **68%** of surgeons experience worsened neck pain from headgear use
- **64%** of surgeries are disrupted by light repositioning<sup>1</sup>



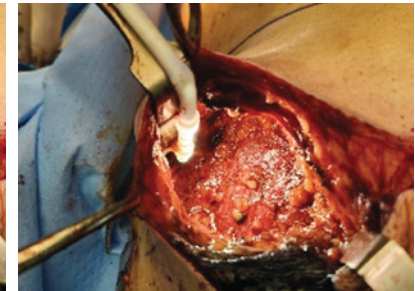
## Selected Key Procedures

KLARO® optimally illuminates open and deep surgical cavities, providing surgeons with superior intraoperative visibility.

### • Breast Surgery | Breast Mastectomy / Augmentation

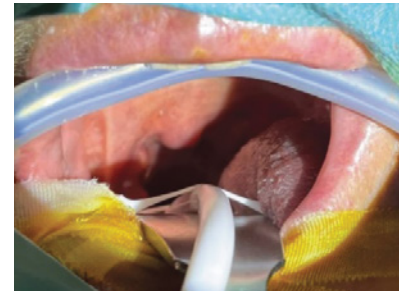


With overhead lights only



With overhead lights and KLARO®

### • ENT Surgery | Pharyngoplasty with Tonsillectomy



With headlights only



With KLARO® only

### • Orthopedic Surgery | Revision Cemented Total Hip Replacement

