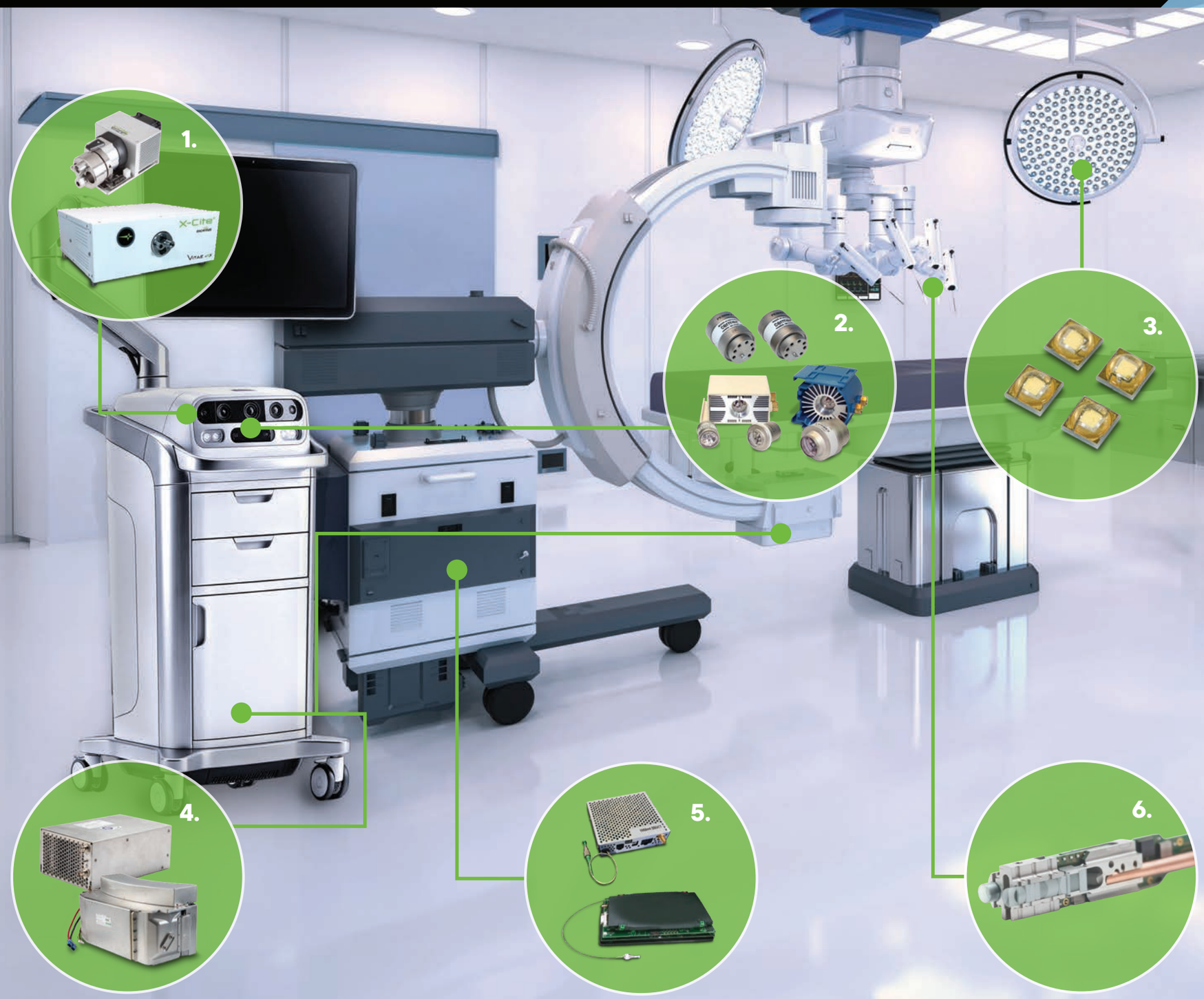
# Surgical Innovation: Integrated Technologies for Minimally Invasive Surgery (MIS) and Robotic Assisted Surgery (RAS)




1. **Biomedical Illumination**
   High-precision, tunable and stable LED lighting for superior visualization in surgical procedures.

2. **Precision Bright White LIght**
   HIgh-intensity xenon lighting delivers perfect bright white for micro-surgical illumination.

3. **High-CRI White Light**
   High-efficiency LED illumination for surgical suites, delivering bright, uniform light with excellent thermal performance.

4. **AC-DC and High Voltage Power**
   Reliable and efficient energy delivery essential for advanced surgical platforms and system performance.

5. **Swept Source OCT Imaging**
   High resolution, depth-resolved imaging to differentiate tissue types, assess perfusion and navigate complex anatomy.

6. **Miniaturized Optics**
   Chip-on-tip (COT) micro-optic camera modules enable compact, high-resolution surgical visualization for next-generation MIS and robotic platforms.

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*Read our white paper to learn how Excelitas' integrated technologies are shaping the future of surgical innovation*

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