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**Impact of Video Assisted Teaching on Robotic Surgery for
Nursing Students**

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ABSTRACT

The impact of video-assisted teaching on robotic surgery for nursing students is significant in enhancing both theoretical understanding and practical awareness. Robotic surgery is a highly advanced field requiring precision, coordination, and technological familiarity, making it essential for nursing students to grasp its complexities. Traditional teaching methods often fall short in conveying the dynamic, real-time aspects of surgical procedures. Video-assisted teaching bridges this gap by providing high-definition visuals, step-by-step demonstrations, and real-case scenarios that allow students to observe intricate surgical techniques and instrument handling without being physically present in the operating room. Through video modules, students gain exposure to robotic systems, understand the nurse's role in the surgical team, and learn about preoperative preparation, patient positioning, sterile techniques, and troubleshooting common issues. This mode of learning increases student engagement, improves knowledge retention, and builds confidence. It also caters to diverse learning styles, making complex concepts more accessible. As nursing students are better prepared through visual and interactive learning, their readiness to participate in or support robotic surgeries in clinical settings improves. Ultimately, video-assisted teaching not only enhances educational outcomes but also contributes to patient safety and surgical efficiency by producing more competent and technologically adept nursing professionals.