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## Is Laughter the Best Medicine? The Value of Humor in Interpersonal Relationships in the Operating Room

Anderson Fernando de Souza\*

Service of Large Animals, Veterinary Hospital of the University of Uberaba, Uberaba, Minas Gerais, Brazil

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\***Corresponding author:** Anderson Fernando de Souza, MV, DSc, Service of Large Animals, Veterinary Hospital of the University of Uberaba, Uberaba, Minas Gerais, Avenida do Tutuna, 720, Vila Celeste, Uberaba, MG, 38061-500, Brazil, Tel: +55 48 99928 6666; E-mail: anderson.sji@hotmail.com

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### ABSTRACT

Humor in the operating room can enhance interpersonal relationships, reduce stress, and improve team performance. It serves as a coping mechanism, mitigating stress and burnout among healthcare professionals. Humor promotes better communication, breaks down hierarchical barriers, and raises teamwork, leading to increased patient safety. Leaders who use humor appropriately create a more friendly and cooperative environment. However, humor must be used carefully to avoid unprofessionalism and distraction. When properly balanced, humor contributes to a positive work environment and better outcomes.

**Keywords:** Humor, Operating room, Interpersonal relationships, Stress reduction, Team performance

### 1. Short Commentary

The Operating Room (OR) is often perceived as a highly stressful environment where precision, seriousness, and intense focus are dominant. During the technical discussions and the attention required to maintain the aseptic rigor of procedures, it may seem inappropriate to consider humor an essential component of the OR atmosphere. However, studies and opinions suggest that humor, when used appropriately, can significantly improve interpersonal relationships, reduce stress, and enhance overall team performance in surgical environments. This article briefly discusses the benefits of humor in the OR and how it impacts interpersonal dynamics.

Humor is a universal human experience with well-known psychological and physiological benefits. Psychologically, humor can improve emotional state, reduce anxiety, and increase resilience to stress. Physiologically, laughter can lead to the release of endorphins, improve cardiovascular health, and

stimulate the immune system. In the high-pressure environment of the OR, these benefits can translate into better performance and improved patient outcomes.

Studies have shown that humor can serve as an effective coping mechanism for healthcare professionals. For example, **Hardy, et al.**<sup>1</sup> discusses that humor helps mitigate the effects of stress and burnout among surgeons. By providing a brief escape from the intense focus required during surgery, humor can help reset the emotional state of the team, facilitating the management of work pressures. Additionally, a positive mentality has been associated with increased cognitive flexibility and creativity, which are crucial for problem-solving and decision-making<sup>2</sup>.

Interpersonal dynamics in the OR are complex and heavily dependent on effective communication and teamwork. Humor can play a fundamental role in improving these dynamics. According to **Rosenberg, et al.**<sup>3</sup>, humor can break down hierarchical barriers and promote a sense of friendship among

team members. This is particularly important in the OR, where clear and open communication can directly impact patient safety. A well-timed joke or cheerful comment can create a more relaxed atmosphere, encouraging team members to speak up and share their observations or concerns without fear of reprimand.

Furthermore, humor can be a powerful tool for leadership within the OR. Leaders who use humor appropriately can appear more approachable and relatable, promoting trust and cooperation among team members. Stone, et al.<sup>4</sup> identified that surgical teams led by individuals who incorporate positive behaviors into their leadership style tend to exhibit better communication and coordination, leading to more efficient and effective teamwork.

Holmes, et al.<sup>5</sup> indicates that humor can also function as a social facilitator, making interactions smoother and more enjoyable, which is crucial in high-stress environments like the OR. Additionally, Francis, et al.<sup>6</sup> emphasize that humor in the hospital setting can serve as an important strategy for coping with the demands and tensions of patient care, thereby improving the overall well-being of healthcare professionals.

However, the use of humor in the OR must be approached with caution. Misplaced humor or jokes at inappropriate times can have the opposite effect, creating tension and undermining professionalism. It is crucial that the OR team is attentive to the context and the individuals involved. What is funny to one person can be offensive or disturbing to another. Therefore, understanding the cultural and individual sensitivities of team members is essential for effectively using humor.

Additionally, a study by Wear, et al.<sup>7</sup> highlights the potential for humor to be misunderstood or misused, especially in medical education and training contexts. The primary focus in the OR should always be patient care and safety. Humor should never distract from the task at hand or compromise the sterile environment and procedural protocols. It is a delicate balance that requires emotional intelligence and situational awareness from all team members.

## 2. Conclusion

Humor can be a valuable asset in the OR, improving interpersonal relationships, reducing stress, and enhancing team performance. The psychological and physiological benefits of laughter, coupled with its ability to promote communication and teamwork, make it a powerful tool for healthcare professionals. However, it is essential to use humor judiciously, ensuring it is appropriate for the context and respects all team members. As with any tool in the medical field, when used correctly, humor can contribute to better outcomes and a more positive work environment.

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