

Introduction

Palliative sedation is a medical practice recognized and commonly used at the end of life for patients who are experiencing refractory symptoms that cannot be controlled by other means of medical management. This practice involves the administration of sedative medications to alleviate severe distress, particularly when other interventions have proven insufficient. However, concerns about potentially hastening death by suppressing a patient's respiratory drive have surrounded palliative sedation [1-3]. Traditionally, this medical practice has been considered ethically justifiable via the application of the ethical doctrine known as the principle of double effect. Despite recent evidence suggesting that palliative sedation is safe and effective when properly titrated and does not hasten death, the principle of double effect continues to be utilized to justify this practice, even if it entails a small risk of hastening a patient's death. One less common clinical scenario where the Principle of Double Effect may still be appropriate ethical justification for palliative sedation is when it is pursued concurrently with the active withdrawal of life-sustaining treatment, particularly in the case of compassionate extubation [4].

Understanding Palliative Sedation

Palliative sedation, often referred to as terminal sedation, is employed when a patient is experiencing unbearable suffering, typically in the final stages of a terminal illness. The primary goal is to provide relief from refractory symptoms such as severe pain, dyspnea, or agitation [5]. This practice involves the administration of sedative medications, carefully titrated to achieve the desired level of comfort while maintaining the patient's comfort and dignity.

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The Principle of Double Effect is an ethical doctrine that has been invoked to justify certain medical practices that may have both a positive and negative consequence. In the context of palliative sedation, it provides ethical guidance for healthcare professionals. The principle stipulates that an action may be morally permissible if it meets the following criteria:

- The action in question is morally good or at least morally neutral.
- The good effect is intended, while the bad effect is merely foreseen but not intended.
- All other options to achieve the good effect have been exhausted.

Compassionate Extubation

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Compassionate extubation is a medical practice in which life-sustaining mechanical ventilation is withdrawn when further treatment is deemed futile or when the patient or their surrogate decision-maker chooses to discontinue such support. In this challenging scenario, a patient may be experiencing distressing symptoms, such as air hunger,

as they are taken off the ventilator [6,7]. Palliative sedation can be employed in these cases to ensure that the patient remains comfortable and free from suffering during the process of extubation.

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