

The Impact Vein Finder Utilization May Have On Patient Satisfaction



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Background

Vein finder devices have emerged as indispensable tools in contemporary healthcare settings, revolutionizing the process of venipuncture and intravenous cannulation. The literature review explores the pivotal role of vein finders in optimizing patient care, particularly in scenarios where venous access is challenging. Vein finders may assist healthcare professionals with locating veins accurately and swiftly, thereby reducing patient discomfort and procedure time; and enhancing overall procedural success rates (Cho et al., & Infinium Medical, 2018). Moreover, it discusses the economic benefits associated with vein finder utilization, such as decreased healthcare costs resulting from fewer complications and improved resource location. Through a comprehensive review of literature and case studies, the literature review underscores the indispensable role of vein finders in advancing patient-centered care and promoting clinical efficacy in modern healthcare settings.



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Purpose

Examine the impact vein finder utilization may have on patient satisfaction.

Methods

Comprehensive review of literature and case studies.

References

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Discussion

- Patient satisfaction is a key and growing measure of success in healthcare today.
- Study comprised of 400 patients claims they are willing to seek out facilities that feature the technology (AccuVein, 2024).
- AccuVein's study found that 93% of patients would give a hospital a higher satisfaction score if vein illumination were utilized (AccuVein, 2023).
- Ninety-four percent of patients expressed the desire to have vein illumination used each time for vascular procedures (AccuVein, 2023).
- Improved first attempt success leading to reduction of patient discomfort and the need for multiple needle insertions (Infinium Medical, 2023).
- Improved vein visualization enabling healthcare professionals to locate suitable veins for procedures (AccuVein, 2023).
- Reduced time and cost effective related to manual labor and supplies utilization (Infinium Medical, 2023).
- Enhanced communication and patient education by enabling healthcare providers to help better understand the procedure and alleviate anxiety (AccuVein Knowledge Center 2012).
- Leads to positive patient perception of technological advancements in technology and patient comfort (Zhang et al., & Infinium Medical, 2019).

Implications for Practice

Overall, the utilization of vein finders may have a range of benefits on patient satisfaction, including; enhanced vein utilization, lessened pain and discomfort, enhanced confidence in healthcare providers, non-delayed procedures, improved communication and education, reduction in complications, and a positive perception and technological advancements (Cho et al., & Infinium Medical, 2018; Zhang et al., & Infinium Medical, 2019). These factors collectively contribute to a more positive patient experience and higher levels of satisfaction with medical care.



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