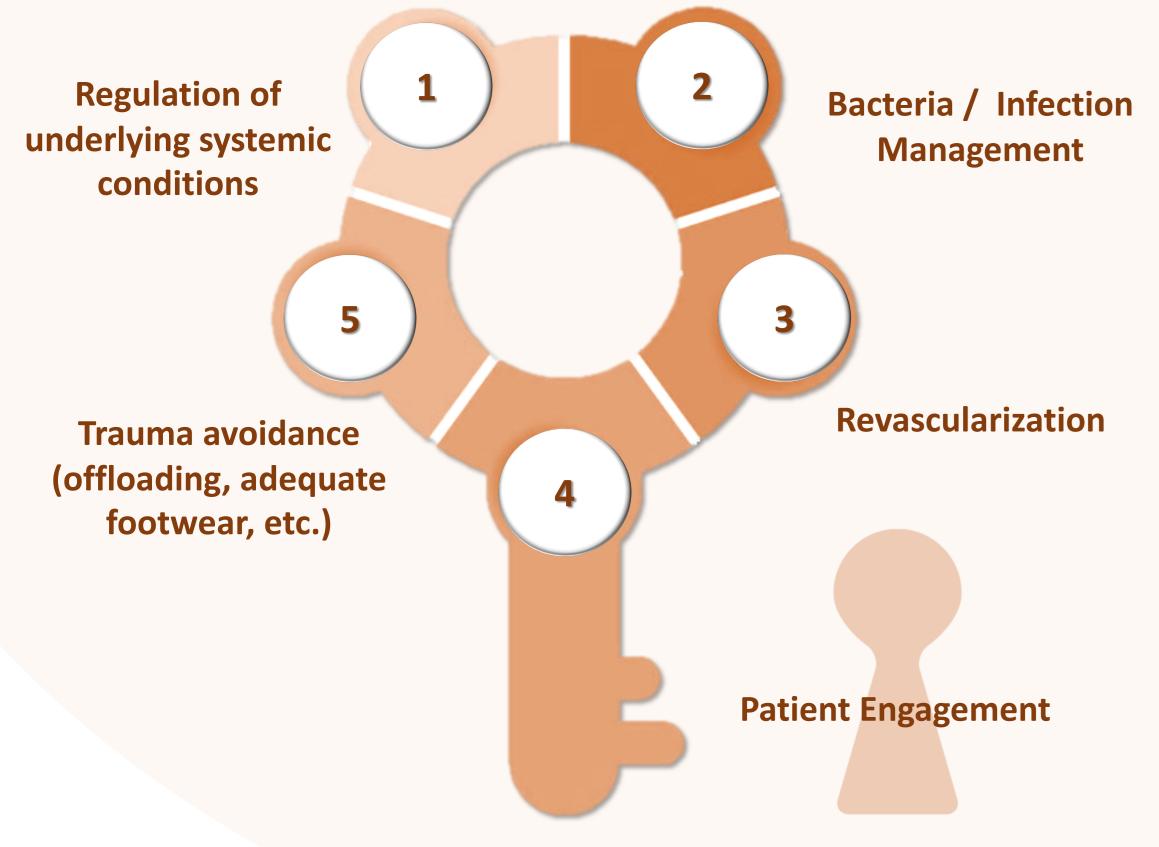
Empowering Patients Through **Fluorescence Imaging**



Methods

27 randomly selected wound-care patients completed a 10-item questionnaire, based on validated quality-of-care tools¹, that explored patient-centered care, effectiveness, and treatment adherence.

All patients had been undergoing treatment at the Madigan Army Medical Center Specialized Wound Care Clinic, in Tacoma, Washington USA for over 6 months. On at least 10 of each of their visits, they had been diagnosed and managed through fluorescence imaging technology.

The fluorescence imaging device (MolecuLight**DX**[™]) locates bacterial loads linked to healing arrest (>10⁴ CFU/g) and infection by displaying different color signals (right).²⁻⁵

Fluorescence imaging results can be shared with patients and others involved in their care to enhance their understanding of the procedure(s) performed or prescribed.

Key Insights For Advancing Wound Care Success From Survey Results

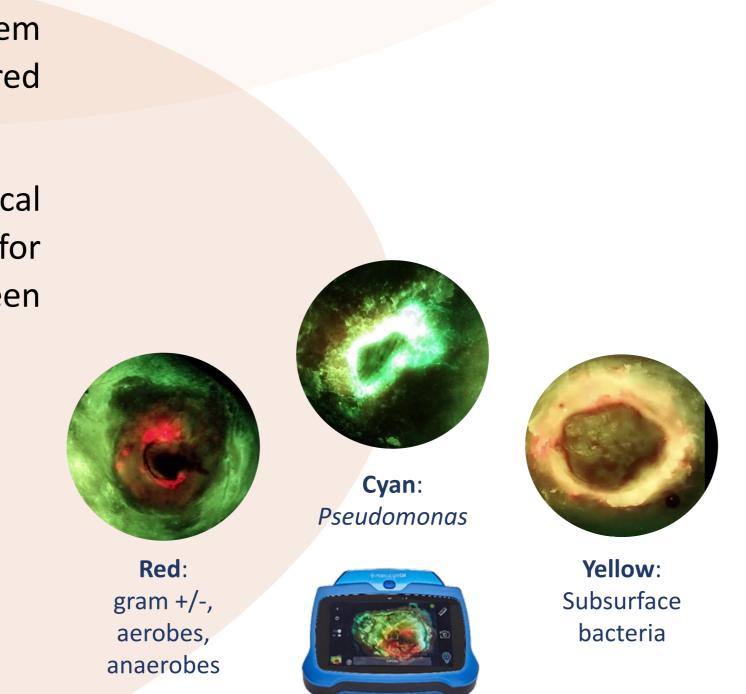
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The key to successful wound healing hinges on addressing all factors hindering the process. Patient involvement in each aspect is crucial for implementing effective strategies with success directly relating to their level of engagement.

Fluorescence imaging serves as a powerful tool to deepen patient understanding of their ailments and treatment journey, illuminating the underlying reasons behind their condition with clarity and insight.

Patient engagement is key in many aspects of healthcare: outcome improvement patient empowerment and selfmanagement, treatment adherence, patient satisfaction, risk reduction and liability management, and meeting healthcare quality metrics and regulatory requirements.

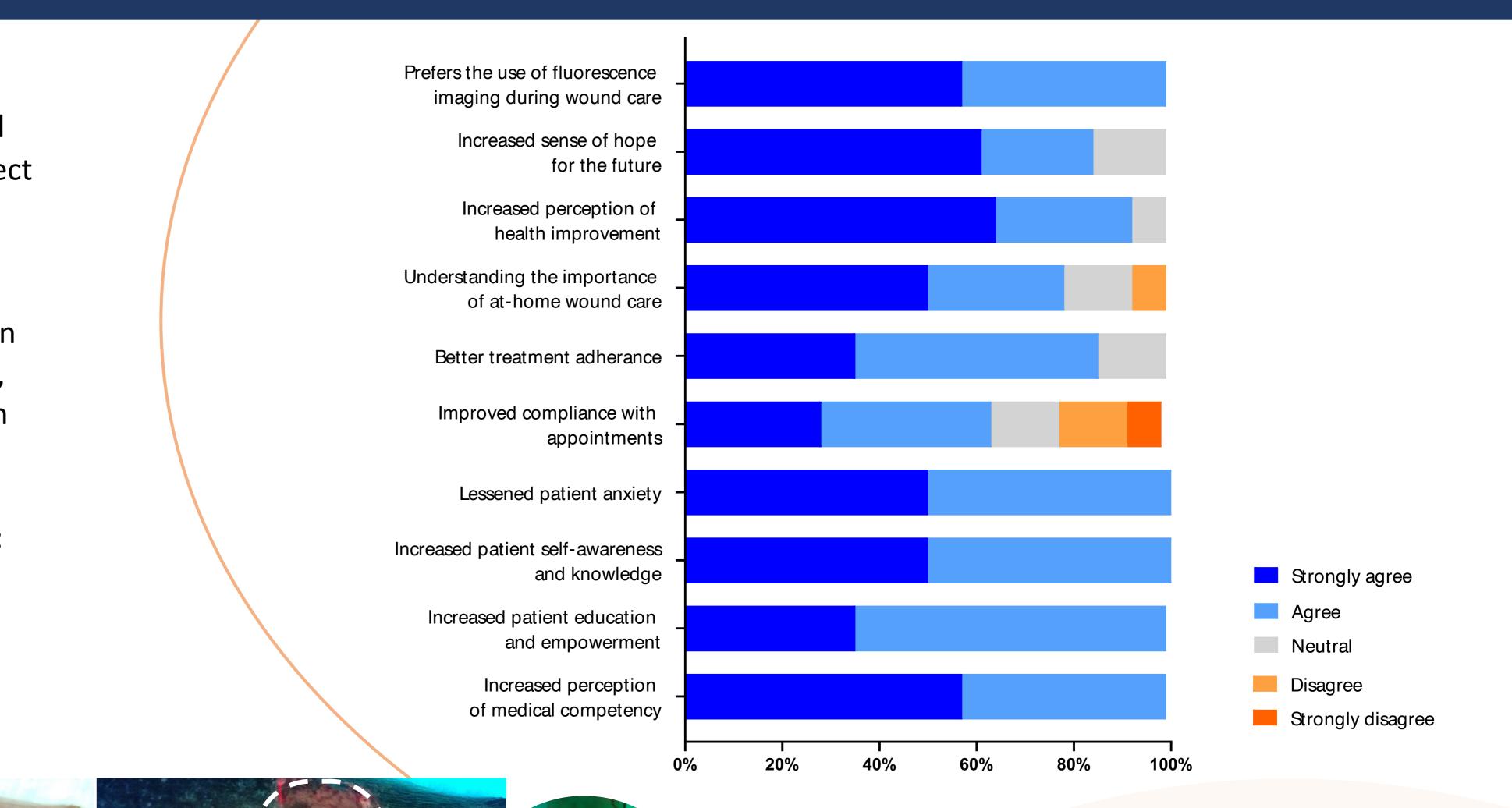


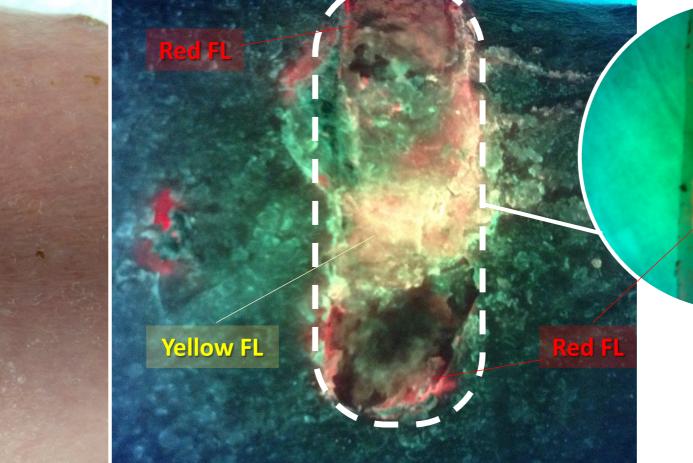
MolecuLight**DX**[™] Device



from fluorescence (FL) imaging findings.

1. Vogt TN, et.al. Invest Educ Enferm. 2020 Oct;38(3):e11. doi: 10.17533/udea.iee.v38n3e11. PMID: 33306901; PMCID: PMC7885545.2. Le et al. Adv Wound Care, 2021; 3. Rennie et al. J Wound Care, 2017; 4. Jones et al. Futures Microbiol, 2019; 5. Raizman et al. Diagnostics, 2021 6. Xu et al. Diabetes Care, 2007.





Patient understanding of the contaminating power of everyday use items like band-aids, socks, orthotics, etc. has been pivotal in the improvement and longevity of the outcomes at our clinic. This understanding has been largely accomplished by leveraging the visual cues

(Right) The tolerance for painful and/or uncomfortable but necessary procedures is enhanced by the patient's visual understanding of their necessity. A) Standard image of amputated toe site B) Cyan FL at the wound's edge C) 4 weeks later, healing has restarted D) No evidence of cyan FL at the wound edge.



