



# From Adoption to Adaptation: A One-Year Follow-Up on the Usability, Perception, and Adoption of Digital Interactive Clinical Pathways Among a Portuguese National Wound Care Society

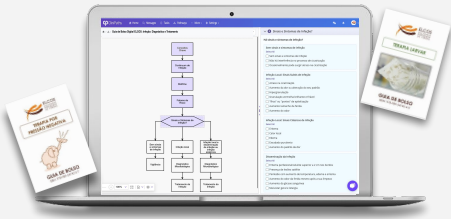
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## INTRODUCTION

Information overload makes it difficult for Clinicians often face information overload, making it challenging to keep up with evidence-based practices.<sup>1,2</sup> Traditional paper-based pocket guides, which quickly become outdated, have been a common tool for point-of-care decision-making.<sup>1</sup>

A Portuguese national wound care society\* transformed their printed pocket guide library into nineteen interactive digital guides, featuring interactive clinical pathways, videos, checklists, and documentation templates. This study evaluates the usability, satisfaction, and adoption of these pathways one year post-implementation.



\* ELCOS - Sociedade Portuguesa de Feridas (Portuguese Wound Society)  
\*\* Pathways Module, ClinIPaths by Wound Reference, Inc., San Francisco, CA  
\*\*\* ClinIPaths by Wound Reference Clinical Decision Support Web-App, Wound Reference, Inc., San Francisco, CA

## METHOD

Using the Design Thinking methodology<sup>3</sup>, a suite\*\* was developed using a module within a decision support web-application\*\*\*

The suite was introduced to 100 members of the society

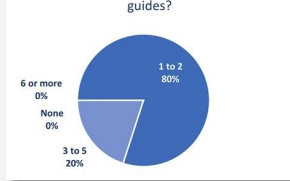
A year later, feedback using 4 Likert scale and 2 open questions was gathered. The following were assessed:  
• Usability (how easy and often the guides are used),  
• Perceived usefulness (how the guides aid in decision-making and promote best practices), and  
• Overall perception/satisfaction (willingness to recommend)  
Data on usage of pathways were collected.

## RESULTS

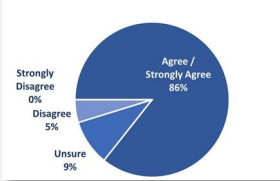
The suite, a cloud-based, mobile-responsive, HIPAA-compliant solution with nineteen interactive pathways, offers step-by-step clinical guidance and automatically generated documentation.

- Of the 22 members who completed the evaluation, the most frequently accessed pathways were “Leg Ulcers,” “Wound Bed Preparation,” and “Infection Management.”
- 80% of clinicians used the pathways 1-2 times monthly, 86% found them helpful in clinical decision-making, and all would recommend them to peers.
- 5% reported difficulties in accessing the guides, prompting the Society to offer members 4 educational webinars with real clinical cases illustrating how to use each digital guide at the point-of-care.

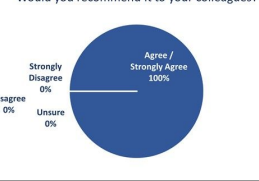
How many times per month do you refer to the guides?



Are the guides helpful for decision-making?



Would you recommend it to your colleagues?



## CONCLUSIONS

The digital pathways demonstrated high usability and satisfaction among members, streamlining information dissemination and updates. They offer the society enhanced content management and distribution, enable in-depth data analysis, and facilitate the evaluation of interventions linked to improved real-world outcomes. The suite's potential extends across various societies and organizations, with licensing options allowing other institutions to customize and adopt best practices and guidelines swiftly. This approach aims to standardize care, reduce healthcare costs, and enhance wound management outcomes.

## REFERENCES

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2. Parra-Medina LE, Álvarez-Cervera FJ. [Information overload syndrome: a bibliographic review]. *Rev Neurolog*. 2021 Nov 16;73(12):421-8.
3. Ferreira FK, Song EH, Gomes H, Garcia EB, Ferreira LM. New mindset in scientific method in the health field: Design Thinking. *Clinics*. 2015 Dec; 16(70):1217-22.

## ABOUT DIGITAL POCKET GUIDES



<https://clinipaths.com>



<https://www.sociedadeferidas.pt/contact.php>