

Expert consensus on the clinical and economic value of advanced wound care product in Mexico: Results from a Delphi Panel

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INTRODUCTION

Wound care represents a growing clinical and economic challenge for healthcare systems worldwide, particularly due to the increasing prevalence of chronic wounds and infections caused by multidrug-resistant organisms. Advanced wound dressings and fixation materials are designed to reduce infection risk, support exudate management, and improve dressing durability; however, comparative evidence in the Mexican context remains limited. To address this gap, a Delphi Panel was conducted to capture expert consensus on the value of these products in clinical practice.

OBJECTIVE

To gather insights based on expert consensus regarding the clinical, economic, and operational benefits associated with various wound dressings and fixation products used for wound management and intravenous device fixation, from the perspective of healthcare professionals in Mexico. Specifically, the focus was on infection prevention, antibiotic use, exudate management, wound healing, dressing adhesion and durability, and the economic implications in terms of resource utilization.

METHODS

A real-time Delphi Panel was conducted with a sample of 12 healthcare professionals experienced in wound care. On average, the panel experts had 14 years of experience in wound management, with a range of 4 to 30 years. A pre-survey was conducted with individual interviews following a structured protocol and combined semi-quantitative and qualitative questions. The consensus was reached during a 2-hour virtual session, in which anonymous pre-survey responses were openly discussed and analyzed in a moderated format.

QUESTIONNAIRE STRUCTURE

The questionnaire used for the interviews mainly consisted of multiple-choice questions organized into five sections: 1) CutimedSorbact, 2) Hypafix, 3) Cutimed Sorbion, 4) Leukomed IV and 5) Leukomed Sorbact. Most questions were multiple-choice (30), while two items required the participants to fill in tables with numerical data.

RESULTS

CUTIMED®SORBACT®

MethodsCutimed® Sorbact®, a DACC-coated dressing for chronic wounds, was reported to be effective in reducing infections caused by multidrug-resistant pathogens (100%, n=12). As a result, all experts stated that its use is associated with a reduction in the number of days of antibiotic therapy and in the need for additional systemic antibiotics compared with other dressings. Moreover, 83%(n=10) indicated that wounds treated with Cutimed Sorbact showed a reduction in the need to adjust management compared with silver dressings.

LEUKOMED®SORBACT®

Leukomed® Sorbact®, another DACC-coated dressing for post surgical wounds, was reported to significantly reduce post surgical infections and contribute to reducing the need for antibiotics, while causing less irritation or damage to the tissue (75%, n=9).

CUTIMED®SORBION®

Cutimed® Sorbion® with Hydration Response Technology was recognized for superior absorption capacity compared to alginates and hydrocolloids (100%, n=12), supporting better exudate control and lowering the risk of periwound maceration. In addition, all experts agreed that its use leads to a 60-80% reduction in pain and odor during dressing changes.

HYPAFIX®

Regarding adhesion performance, the elastic polyester non-woven wide area fixation Hypafix® stretch was identified as the most effective and durable solution for device fixation, with an average wear time of 6.3 days and up to 7 days without replacement, contributing to reduced resource use, by saving time due to reduce frequency of dressing changes.

LEUKOMED®IV

In the case of the polyurethane adhesive film Leukomed® IV, panel results indicated that most experts (91%, n=11) considered the product to maintain superior adhesion and condition at the third-day dressing change – according to the official Mexican guideline – compared with other similar dressings.

CONCLUSIONS

Based on expert consensus, the advanced wound dressings and fixation products can support infection reduction, improved exudate management, enhance dressing adhesion, and wear time.