

WoundSan™ Overview

Hybrisan has developed an advanced antibiofilm irrigation solution, **WoundSan™**, with potent antimicrobial and antibiofilm activity with low cytotoxicity requiring a short contact time of up to 5 minutes. Independent in vitro data has proven its effectiveness to be greater than that of a market leading solution.



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The Problem

Biofilms form when free-floating (*planktonic*) microorganisms adhere to a surface and “put down roots”. These “roots” are a thick, gooey substance known as extracellular polymeric substance (*EPS*). *EPS* allows microorganisms to stick together in a biofilm offering them protection from topical agents.

Over 90% of chronic wounds contain bacteria and fungi living within a biofilm. The biofilm within the wound is distinct, with differing characteristics based upon the aggregation of different species of microbe.

The Data

WoundSan™ has been tested in terms of its antimicrobial efficacy, cytotoxicity and antibiofilm efficacy. It possesses potent antimicrobial and antibiofilm efficacy with a fast action and a low cytotoxicity. When compared against the market leader, **WoundSan™** has a greater efficacy, faster action and lower cytotoxicity. Accelerated aging testing has shown **WoundSan™** to remain stable for over 2 years when tested according to ASTM F1980-07.

The Solution

Hybrisan has developed **WoundSan™**, a wound irrigation solution containing Hybrisan’s proprietary antimicrobial technology with low cytotoxicity, fast action and independently proven efficacy in preventing and disrupting mature biofilm.

WoundSan™ is a blend of surfactants combined with Hybrisan’s proprietary antimicrobial ingredient for fast, safe and effective treatment of established biofilms.

Next Steps

Having completed in vitro testing Hybrisan is now seeking a strategic partner to collaborate with the next stages of clinical development.

This will include clinical trials, CE and UKCA marking and route to market.

For more information please contact:

Dr Chris Mortimer
Chief Technology & Innovation Officer
E: chris.mortimer@hybrisan.com
P: +44 7525 753 729



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Advanced Antimicrobial Wound Technology

A gentle yet effective wound irrigation solution



Fast Acting



Low Cytotoxicity



High Antimicrobial Efficacy



**Advanced Biofilm Disruption
and Prevention Capabilities**



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