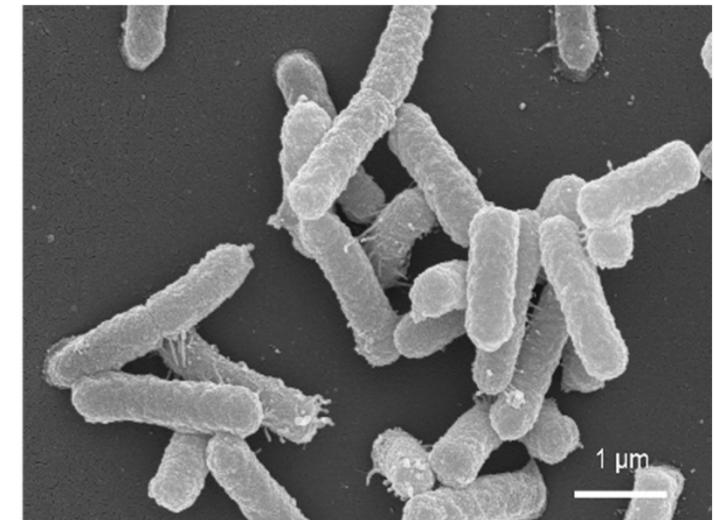




**50% of diabetic patients** suffer from infections arising from **delayed wound healing**, leading to severe complications.

**PepShield traps & kills** bacteria on contact and prevents bacterial adhesion for **four weeks**, with up to **90% effectiveness**. When **coated on bandages**, enhances quality and healing speed, saving up to USD\$17,500 per case.

SMMS


**Antibacterial**

Prevents biofilm and bacteria growth by 90% for 4 weeks


**Anti-Inflammatory**

Inhibits inflammatory response by > 95%


**Cost Efficient**

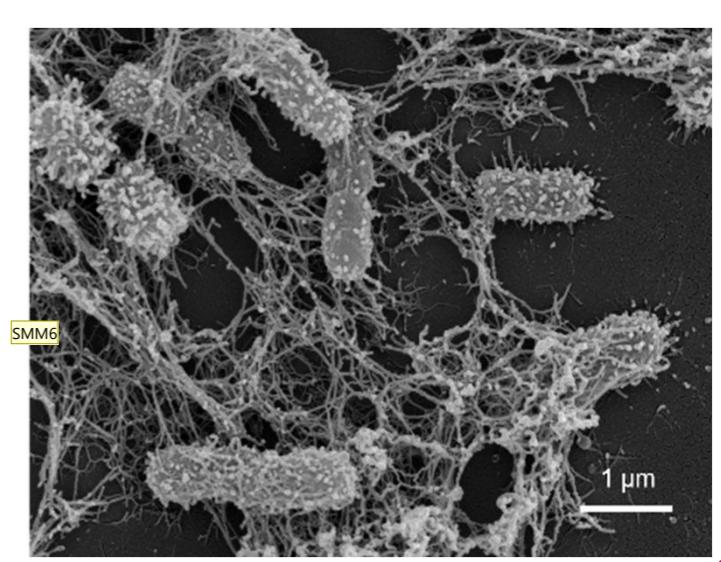
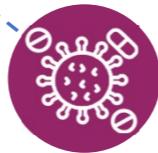
Approx. \$0.0023 / cm<sup>2</sup>

**Biocompatible**

85% cell viability, non-toxic to human cells


**Prevents Resistance**

0 Fold Resistance development against Commercial antibiotics average of 64 Fold



“Wound infections in diabetic patients are a major concern due to biofilm formation and antibiotic resistance”



-Dr. Ganga  
(Geriatric Diabetologist)

**ConvaTec**
**Product**

Aquacel Ag+

**Technology**

1.2% ionic silver

**Price\***

\$\$\$

**Use Case**

Kills pathogenic  
Disrupts biofilm

**Risks**

Up to 7-days;  
Prone to  
resistance; Toxic

**3M**

Iodine Non-adherent Dressing

10% Iodine

\$

Broad spectrum antimicrobial action

Potential iodine sensitivity risks;  
Toxic

**smith&nephew**

Bactigras Gauze

0.5% Chlorhexidine

\$\$

Soothe and protect wound

Potential Skin irritation and allergic reactions

**PepShield**
**PepShield Wound Bandage**

**10% peptide**

\$\$

Prevents long-term infection

None identified thus far

**Global Diabetes Patient Wound Care**

**\$14.17Bn**

**APAC Diabetes Patient Wound Care**

**\$2.13Bn**

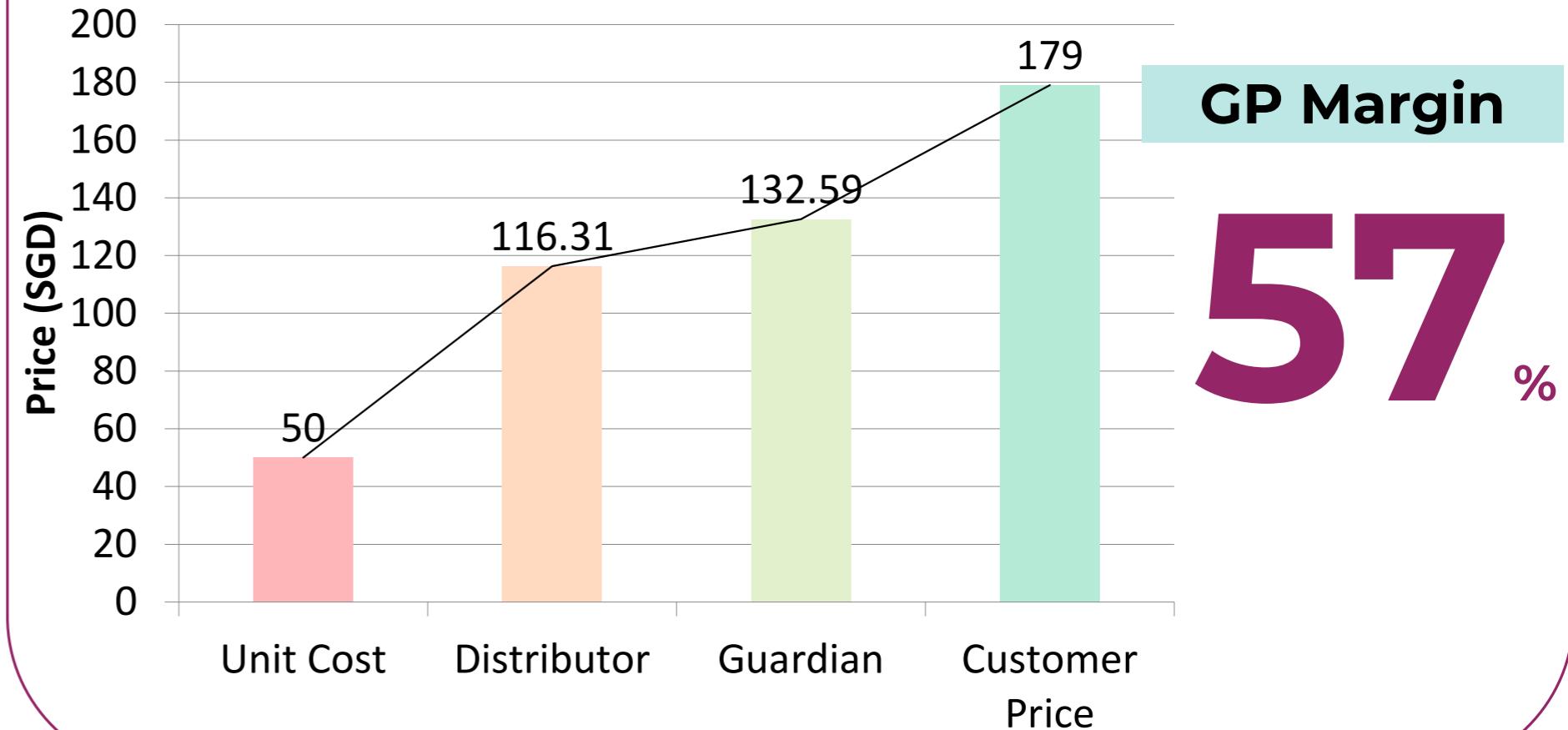
**5% APAC Diabetes Patient Wound Care**

**\$106Mn**

**CAGR 8%**

\*SAM: APAC

\*SOM 5% APAC Market by 2032

**Value Chain Pricing & Profit Breakdown**

**Team**


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Founder



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Tech Lead



Rishi Nandiraju  
Business Lead



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**Contact Us**

Scan the QR Code

