Ingenious Stoma Care Solution

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BACKGROUND

- Despite advancements in medical technology, current stoma care devices have remained largely unchanged since their invention a century ago.
- Our goal is to address the unmet clinical needs in stoma care by focusing on the persistent challenges of device leakage and affordability, highlighting the urgent need for innovative solutions.

IMPACT OF THE PROBLEM

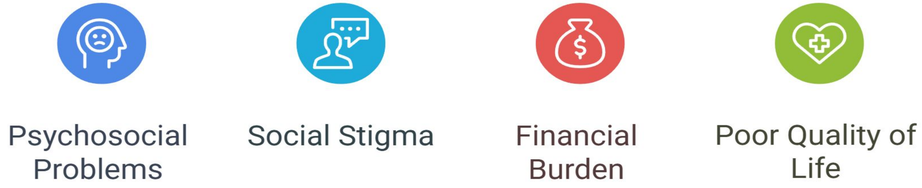


Fig. 3: Impact of the problem and the need for better Stoma care solution

PERISTOMAL SKIN COMPLICATIONS (PSC)



Fig. 1: Peristomal Skin Complications (PSC)



Fig 2: Peristomal Skin Complications (PSC) seen in patients

OUR SOLUTION

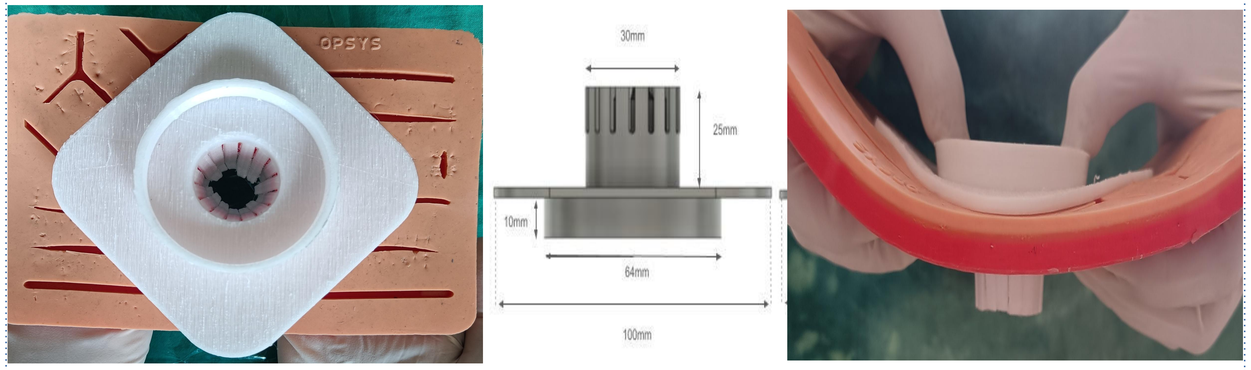


Fig 4: 3D Model and 3D Printed Prototypes of Our Product: StomaSeal (Muco-junctional implant)

NOVELTY OF OUR SOLUTION

Adhesive-Free (to avoid medical adhesive-related injury), Sutured, Secure and Leakproof

CURRENT STOMA DEVICES



Fig 5: Current Stoma Devices Innovation

Almost all stoma care products available in the market are adhesive-based, and TIES is currently used in clinical trials only.

REFERENCES

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