

**Healthcare: Devices**

# Sahayatha a smart defecation cleansing assistive device for immobile population

## APPLICATION

The device can be used in old age homes, hospitals for bedridden patients to assist themselves in cleaning their body after defecation.

COMPANY NAME	TECHNOLOGY READINESS LEVEL (TRL)	INTELLECTUAL PROPERTY
<b>Dhanvantri Biomedical Pvt Ltd</b>	<b>TRL: 8</b> (Early Revenue Generation Phase)	Indian Patent App No: 201941015140 US Patent pub No: US20220023127A1 Trade mark: 5023260™
<b>FOUNDER'S NAME</b>		Granted Design : 355538-001, 355539-001
Sruthi Babu		

## PROBLEM ADDRESSED

In India 30.8 million are mobility impaired out of which 10 million requires defecation assistance. About 4% death results each year during the transfer of patients to the toilets

## ABOUT THE TECHNOLOGY

Product Utility: Sahayatha a smart defecation cleansing assistive device for immobile population . Sahayatha assists the patients in defecation cleansing with inbuilt defecation and cleansing assembly. Helps the patients to maintain their dignity with hygiene Reduces the patient transfer which occurs to perform their defecation process.

## FUNDS RAISED/ACHIEVEMENTS

- INR 5 Lakhs kick start grant from Social innovation immersion program by BIRAC
- BIRAC BIG Grant of INR 49.75 lakhs
- Raised INR 48 lakhs fund from DST NIDHI4COVID
- Received INR 1 Cr from All Sharks in Shark Tank

## PRODUCT IMAGE



## USP

- Inbuilt defecation cleaning assistance
- Maintains hygiene with dignity
- Reduces the patient transfer
- Reduces the negligence associated with repeated manual care
- Nurses /care giver can be more productive and effective
- Hassel free experience
- Independent defecation cleaning and locomotion

## END USERS/CUSTOMERS

- End Users: Elderly, Physically challenged and immobile population
- Customers: Hospitals, Retirement Villas and NGOs