

## **Project Title**

Inflatable Bed Bath for Bedbound Patient

## **Project Lead and Members**

Project lead: Mr Tan Wee Tai

Project members: Ms Nur Khartini Bte Kateno, Ms Eleanor Ngan, Ms Nur Farisha

Mohd Subari

## **Organisation(s) Involved**

SATA CommHealth

## **Healthcare Family Group Involved in this Project**

Nursing

## **Applicable Specialty or Discipline**

Infectious Disease

## **Project Period**

Start date: Sep 2022

Completed date: Feb 2023

## **Aims**

Aim to provide bed bath service, using portable inflatable bed bath basin, to bedbound patients whose caregivers are unable to provide personal hygiene through bathroom showers, at the comfort of their bed.

## **Background**

See poster appended/ below

## **Methods**

See poster appended/ below

**Results**

See poster appended/ below

**Conclusion**

See poster appended/ below

**Project Category**

Care & Process Redesign

Quality Improvement, Job Effectiveness, Value Based Care, Patient Satisfaction

**Keywords**

Inflatable bath, Bed Bath, Personal Hygiene,

**Name and Email of Project Contact Person(s)**

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# Inflatable Bed Bath Basin for Bed-bound Patients' Hygiene Care

This project aims to provide bed bath service, using portable inflatable bed bath basin, to bedbound patients whose caregivers are unable to provide personal hygiene through bathroom showers, at the comfort of their bed.



Portable Bed Bath fits in a bag pack

ISSUES	SOLUTIONS
Confined to their bed for their personal hygiene	Using inflatable bed bath for bed bound patient's personal hygiene
Poor skin integrity and low mood among the patients	Cleaner and moisturized skin. Patient's mood is uplifted, happy, satisfied and feels rejuvenated
Transferring causes discomfort to patients	Less pain & discomfort due to minimal transfer
Requires physical strength during transferring	Performed independently without compromising safety
Increased in back pain among care staff and caregiver	Bed bath eliminate lifting of patient from one point to another

## OUTCOMES

**198 SESSIONS** have been conducted from September 2022 to February 2023

**10 CAREGIVERS** reported that patient presented less discomfort after service

**14 CAREGIVERS** shared that patient's skin integrity have improved

**3 CARE STAFFS** reported less back pain post service, lesser strain to their back

**FALL RISK REDUCED** as no physical transfer and exposure to slippery surface

**INCREASED PARTICIPATION** of caregivers in caring for the patient

**IMPROVED MOOD** was observed in patients

**1 CAREGIVER** brought the bed bath set for daily usage



A complete set up of bed bath consisting of a sturdy bed, inflated basin, filter, pails and towels.



Bedbound senior

good clean!

caregiver positioned on the bed bath and ready to go