

Research & Innovation

School of Mechanical Engineering

FOR FURTHER DETAILS,
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MULTI FUNCTIONS HOME CARE UNIT FOR PARALYZED / INVALID PERSON

● BRIEF DESCRIPTION OF THE PRODUCT

A new multifunction homecare unit for caring invalid and paralyzed patient specifically designed for patient's comfort and burden reduction to caretaker. The unit integrates the functions of bed, toilet potty, wheelchair, drip stand, adjustable resting chair and shower trolley which is easily transformable from one function to another without having to lift the patient.

● APPLICATION & BENEFIT OF THE PRODUCT

Enables the caretaker to easily perform their caring tasks of moving the patient around, feeding them, shower the patients instead of wiping them clean and feeding the patient in a more comfortable position.

The unit allows the patient to enjoy going around park, watching TV or surrounding while sitting, to pass motion in toilet instead of in diapers, sleeps comfortably and sits instead of lying down while being fed either through mouth or drip.

● TARGET GROUP

Retirement Homes, Welfare Department, Hospital and etc.

● COST

Negotiable and will depend on the materials used e.g. composite materials, aluminium, etc)

● LEAD TIME FOR PRODUCT FABRICATION

4 Weeks

RESEARCHER

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