

# The Benefits of Using a Gravity Feeding Set for Bolus Tube Feeding in a Nursing Home

[The Salvation Army Peacehaven Nursing Home]

Joyce Ng, Marsha Tan, Thant Naing Win



## What is the project about and why do we need to work on this?

Tube feeding is the provision of enteral nutrition through the gastrointestinal (GI) tract via a tube, delivering part or all of a person's caloric requirements.

This is implemented for people who are unable to obtain nutrition by mouth, are unable to swallow safely, or require additional nutritional supplementation.



### Project Goal

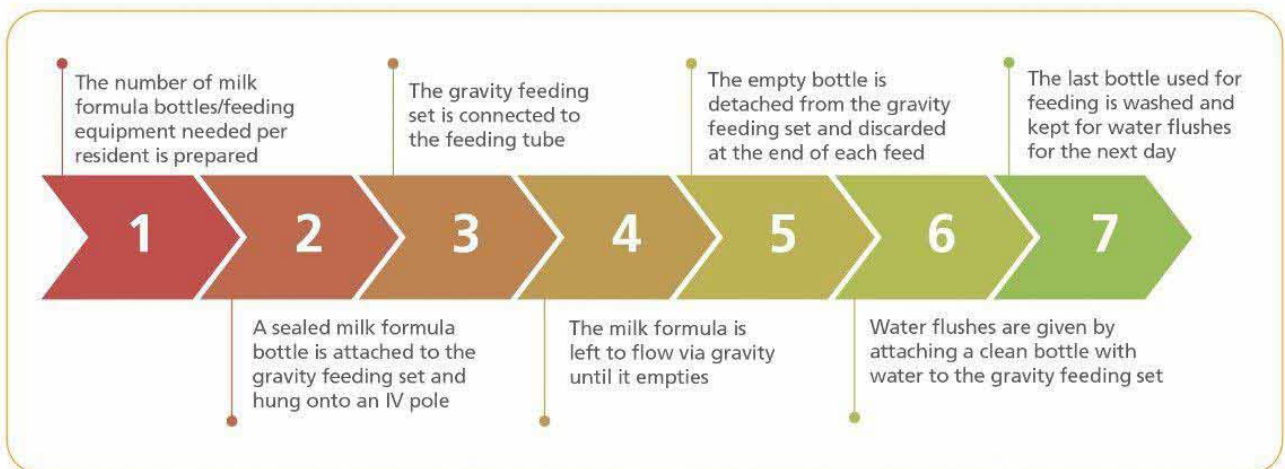
To reduce the amount of time spent by nursing staff on the preparation, washing up and administration of tube feeding.



## What solutions have been implemented?

A week of data collection allowed the project team to obtain the data on the time required for preparation administration and washing up after feeding. The project team have also observed that 4 care staff at each time are required to feed all the residents in a 6-bedded room.

- One-month trial
- 40 tube-fed residents from Peacehaven
- Syringes replaced with gravity feeding sets
- Milk formula given in bottle form



## Result

Reduction of manpower from 4 staff to 1 staff in a 6-bedded room.

Reduction of a total of 18 minutes for preparation and cleaning.

This method of feeding also allows for a closed feeding system, which reduces the risk of milk feed contamination during preparation or administration.



## Next Steps

A workflow was developed and new process was taught to all the care staff.