

# Reducing E.Coli Bacteraemia DRIVER DIAGRAM

## Primary drivers

### Anti Microbial Stewardship:

### Infection Prevention & Control Standards/ Best Practice:

### Nutrition & Hydration Management within Care Homes

### Public Awareness & Self Care:

### Data & Measurement of Impact

## Secondary drivers

- Health and social care staff will be able to identify key symptoms of infection
- Primary care staff will facilitate and support care staff in the 'No Dip Urine' approach
- Health and Social Care staff will have access to current guidance and policies to avoid inappropriate antimicrobial use and prevent resistant strains

- Care home staff will:
- Identify symptoms/concerns
  - Report and escalate according to local policy and to external agencies as appropriate
  - Document accurately and in a timely manner
  - Prompt and undertake preventative measures; hand hygiene, support good hydration, good catheter care
- Health colleagues will:
- Encourage and promote best practice in infection control measures, hydration, nutrition and education/training at every contact and through weekly care home 'ward rounds'
  - Follow best practice guidance and policy when undertaking catheterisation

- Care home staff will:
- Understand the need for good hydration of residents
  - Identify who requires support & intervention via risk assessment and implement individual resident care plans to include where appropriate fluid/food diaries
  - Have awareness of different techniques to support residents
  - Demonstrates assessment of nutritional status of residents as per care home policy to include on admission, determined intervals and upon change in condition
  - Understand the importance of healthy diet for preventing avoidable harm e.g., pressure ulcers, falls, deconditioning
  - Identifies those at risk and implements fluid/ food diary
  - Will ensure protected mealtimes and offers of hydration
  - Promotes good continence care

- Promote understanding of the need for good hydration
- Understand how to prevent dehydration / Low Intake Dehydration
- Understand self-care techniques to prevent Urinary Tract Infection (UTI)
- Be aware of the common signs of UTI and what actions to take

- Learning, good practice and achievements to be celebrated and shared
- Qualitative and quantitative to include resident/ staff experience
- Key data collection to demonstrate improvements following establishing baseline
  - Reduction in overall E.coli rates attributed to residents within care homes
  - Appropriate incidence and use of antibiotic prescriptions in care homes for UTI
  - CAUTI/ UTI rates reported by care homes
  - Incidence of avoidable harms reported by care homes
  - Process measures such as completion of hydration diaries/ risk assessments/ appropriate care plans etc
  - Safety Culture across care home teams

## High Aspirational Goal

To reduce the incidence of Gram Negative E.Coli Bacteraemia in Care Homes by 10% across the NHS VOY & NY CCG by April 2023

## Key Interventions

Safety Huddles

Stop and Watch/SBAR Tool

Resident/ carer and Public Information and Engagement

Preventative Reference Material and Resources

Education & Training packages

Nutrition and hydration risk assessment

Protected Meal Times

Individual support with Hydration in care Homes