Dementia is a progressive disease which affects the brain's ability to function, leading to memory loss, changes in behavior, and difficulty in performing daily tasks. It is estimated that 850,000 people are living with dementia in the United Kingdom with 11% of people over the age of 65 and 50% of people over the age of 85. This suggests that the prevalence of dementia is increasing. Most people with dementia are diagnosed in the future. Cognitive symptoms (problems with memory or thinking) are commonly associated with dementia, and a stoma could increase the likelihood of patients having a diagnosis of dementia. Cognitive symptoms can be demonstrated by difficulties with learning new skills and retaining information, both of which are required for stoma self-care. The Prime Minister's Challenge on Dementia plan aspires to ensure that all NHS staff receive dementia training as part of their role by the year 2020. It is vital that stoma care nurses understand the potential solutions to support patients with dementia and their families.

**Algorithm:**

1. **Environmental Challenges:**
   - Dementia is a progressive disease which affects the brain's ability to function, leading to memory loss, changes in behavior, and difficulty in performing daily tasks.
   - It is estimated that 850,000 people are living with dementia in the United Kingdom with 11% of people over the age of 65 and 50% of people over the age of 85. This suggests that the prevalence of dementia is increasing. Most people with dementia are diagnosed in the future. Cognitive symptoms (problems with memory or thinking) are commonly associated with dementia, and a stoma could increase the likelihood of patients having a diagnosis of dementia. Cognitive symptoms can be demonstrated by difficulties with learning new skills and retaining information, both of which are required for stoma self-care. The Prime Minister's Challenge on Dementia plan aspires to ensure that all NHS staff receive dementia training as part of their role by the year 2020. It is vital that stoma care nurses understand the potential solutions to support patients with dementia and their families.

2. **Behavioural Challenges:**
   - Dementia is a progressive disease which affects the brain's ability to function, leading to memory loss, changes in behavior, and difficulty in performing daily tasks.
   - It is estimated that 850,000 people are living with dementia in the United Kingdom with 11% of people over the age of 65 and 50% of people over the age of 85. This suggests that the prevalence of dementia is increasing. Most people with dementia are diagnosed in the future. Cognitive symptoms (problems with memory or thinking) are commonly associated with dementia, and a stoma could increase the likelihood of patients having a diagnosis of dementia. Cognitive symptoms can be demonstrated by difficulties with learning new skills and retaining information, both of which are required for stoma self-care. The Prime Minister's Challenge on Dementia plan aspires to ensure that all NHS staff receive dementia training as part of their role by the year 2020. It is vital that stoma care nurses understand the potential solutions to support patients with dementia and their families.

3. **Physical Challenges:**
   - Dementia is a progressive disease which affects the brain's ability to function, leading to memory loss, changes in behavior, and difficulty in performing daily tasks.
   - It is estimated that 850,000 people are living with dementia in the United Kingdom with 11% of people over the age of 65 and 50% of people over the age of 85. This suggests that the prevalence of dementia is increasing. Most people with dementia are diagnosed in the future. Cognitive symptoms (problems with memory or thinking) are commonly associated with dementia, and a stoma could increase the likelihood of patients having a diagnosis of dementia. Cognitive symptoms can be demonstrated by difficulties with learning new skills and retaining information, both of which are required for stoma self-care. The Prime Minister's Challenge on Dementia plan aspires to ensure that all NHS staff receive dementia training as part of their role by the year 2020. It is vital that stoma care nurses understand the potential solutions to support patients with dementia and their families.

**Supporting Information:**

- **References:**
  - Black P (2011) Caring for the patient with a stoma and dementia Gastrointestinal Nursing 9 (7)
  - Powell C (2013) Using reflection to treat stoma patients with dementia Gastrointestinal Nursing 11 (7) 52-60
  - www.dementiastatistics.org/statistics/prevalence-by-age-in-the-uk/
  - www.nhs.uk/conditions/bowel-cancer/
  - www.nhs.uk/conditions/bladder-cancer/
  - www.colostomyuk.org/information/caring-person-stoma-dementia/
  - www.england.nhs.uk/mental-health/dementia

**AIM:**

The aim is to explore the challenges that stoma nurses face in supporting patients with dementia to self-care with their stoma and to identify potential solutions.