WHAT IS P.I.E.C.E.S?

- PIECES is a holistic, patient-centered approach to understanding the challenging behaviors of individuals that have complex physical, cognitive, and mental health conditions.
- Framework that conveys individuality and importance of various factors that affect the well-being, self-determination, and quality of life of older persons and their families.
- Patients are assessed using the PIECES acronym:
  - Physical
  - Intellectual
  - Emotional
  - Capabilities
  - Environmental
  - Social

CASE STUDY:

89 year old woman admitted with right hip fracture, failure to cope and MRSA

Q1: WHAT HAS CHANGED? BEHAVIOURS OF CONCERN:

- Cries constantly
- Exit seeking
- Calls taxi, 911, porters
- Goes to other patients rooms and nursing station to use the phone
- Verbally abusive, swearing

Q2: WHAT ARE THE RISKS?

R: Wandering, exit seeking
I: Falls
S: Not applicable
K: Verbally abusive towards staff, constantly calling family, family rarely visits, going into other patient rooms and invading their privacy
S: Korsakoff's, refuse to allow staff to do ADLs

And what are the PIECES?

P: Right hip fracture, Korsakoff’s, history of alcohol abuse. Delirium ruled out with a negative urine sample. Disability- uses wheelchair
I: Apathy- not motivated to do things. Anosognosia- lack of insight, thinks that she can manage at home
E: Adjustment disorder, going from home to the hospital. Mood disorder-lonely, limited tolerance of others
C: Refuses assistance with ADLs, uses wheelchair for mobility. Able to feed self, can speak. Occasionally incontinent, wears soiled clothing
E: Isolated due to MRSA. Lack of control. Relocated to 5W from another unit without sitter
S: Grade 10 high school education. Lived at home with 2 cats and her common law husband. Has a daughter and a sister. Minimal visits from friends and family. Loves swimming

Q3: WHAT IS THE ACTION?

Intervention/ interactions

- Used CAM, DOS, and MoCA
- GeriPsych was consulted, pharmacy was involved with medication review- increased doses of thiamine and valium
- Created a care plan
- Falls prevention measures were put in place
- GPA used
- MRSA treated, then patient moved to semi-private room with roommate, so she was less lonely
- Removed phone with family’s consent
- Provided with DVD player, TV activated
- Given a stuffed cat/animal
- Volunteers spent time with her
- OT/ PT walked with her

Information

- Communicated with staff to continue with DOS tool/care plan
- Interdisciplinary team involved via rounds
- Patient attended recreational therapy groups and interacted with volunteers
- Information passed onto other staff through charge nurse reports and patient care handoffs
- All About Me booklet initiated

Outcomes

- Reduced wandering and exit seeking
- Reduced crying
- Individualized timing and doses of medications
- More compliant and autonomous with her ADLs
- More social with volunteers, going to activities
- Consistent interventions
- Successfully transferred long term care

OUTCOMES

- Interdisciplinary team involved via rounds
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WHAT IS ALL ABOUT ME?

- Holistic approach
- All disciplines work more closely together and get different inputs on the behaviors
- Find the meaning behind behaviors and see the person beyond the illness
- More systematic approach
- Time to complete observation tools
- PIECES tools in hardcopy vs. electronic
- Dedicated resources needed to train all staff

P.I.E.C.E.S TEAM

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References