Home vs Hospital
What is the client space and how do we measure quality metrics?

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I have no actual or potential conflict of interest in relation to this presentation.
Challenges

Environment
Healthcare worker
Organization
(Adams et al., 2021)

Identify Infection
Prevention &
Control quality
metrics

Objectives

Solutions
What is it about a home setting that sets it apart from a hospital setting?
Challenges

Unsanitary condition

Clutter/hoarding

No access to hand hygiene facilities (Russel et al, 2021)

Pets & infestations

Image: Presentationgo.com
Challenges

- Poor Air Circulation (Adams et al, 2021)
  - Lack of control of # of household guests and their behaviors (Pogorzelska-Maziarz et al, 2020)
- Limited or no caregiver support
- Not enough space to set up a proper work surface

Image: Presentationgo.com
Alcohol-based hand rub (ABHR), towelettes &/or soap/paper towels (IPAC Canada, 2015)
Health care approved cleaning and disinfection wipes
Reusable non-critical devices

Waste disposal
Medication preparation & administration
Audit tools
Informal interview questions (CDC)
E.g., cleaning and disinfection of re-usable, non-critical devices & hand hygiene
Challenges

- Working alone
- Travel time
- Unpredictable environments/unfamiliarity
Client/family dynamics and non-compliance (Pogorzelska-Maziarz et al, 2020)

Intermittent nature of care

Operating hours restricted to day and evening (Adams et al, 2021)
Uncooperative client behaviors & cognitive deficits

Inadequate dressing disposal or unsafe sharps disposal practices (Russel et al, 2021)
Carrying everything that is needed to set up routine practices & additional precautions (if needed) in a supply bag

Running out of supplies
Lack of timely communication between HCWs

Staffing challenges
Solutions & Strategies

Screening

• Grouping symptomatic clients to end of day
• Streamlined approach for updates & changes
Assembly of supplies
Hand hygiene
Cleaning & Disinfection
PPE
Additional precautions

• limit shared, re-usable equipment
• Use disposable items, if possible
• Dedicate equipment and leave in client’s till discharge
• Donning/doffing station
Supply Bag

- bag selection
- Easy to access pockets for frequently used items
- Keep bag away and openings closed
- Additional precautions
Vehicle space

Client & family education
Audit tools
Self-assessment questions (CDC)
E.g., measuring practices related to hand hygiene and additional precautions
Challenges

Lack of time/staffing

Storage & availability of supplies

Lack of IPAC ed and resources

Access to supplies for HCW
(Adams et al, 2021)
Solutions and Strategies

Satellite location to store supplies
Organization policy & procedure
Access to IPAC decision making support tools

- Standard operating procedures
- Clinical practice guidelines
- Consultations
- IPAC website
- Written materials

(Adams et al, 2021)
Staff education

- new hire orientation
- IPAC curriculum
- staff huddles/meetings
- train the trainer approach
- continuing education
Quality Metrics

Quality of care
Clinical performance
Client safety
Conclusion
Thank You


