Supplemental Table: Nursing perceptions of Scrub the Hub Products

|  |  |  |
| --- | --- | --- |
| Product characteristics | Product use | Product maintenance |
| *Familiarity*   * The “familiarity” of using the IPA wipes” is welcome | *Required scrub and dry time\**   * Scrub and dry “time is the most important factor” in choosing a preferred product * when using multiple medications in a row “time is most important” * patients could have bad outcomes waiting for a full 15 second scrub and dry during emergencies * “No one does the full 15-second scrub and 15-second dry” | *Storage*   * IPA caps “require more storage” than a pack of wipes * “harder to store” the IPA caps |
| Size   * The IPA wipe is “too small” and feels like “my hands contaminate the hub” during use” * The “bigger [CHG/IPA wipe] covers all” of the NC hubs in contrast to the IPA wipes | *Ergonomics of use\**   * IPA caps “feel better” during use * “easiest to use” the IPA caps but they are “squeaky” * “hard to maneuver” the IPA caps when the fingers are holding other items * IPA caps “indented my thumb” | *Wastefulness*   * IPA caps are “bulkier and harder to store”, “most wasteful” of the three products * “plastic waste” of IPA caps pose an environmental hazard |
| *Stickiness of CHG/IPA wipes*   * The NCs are “sticky” after using the CHG/IPA wipes * “stickiness” is bad for the NC hubs | *Perception of disinfection*   * IPA caps “feel like it disinfects better” * IPA caps “disinfect the best because it covers the whole hub” * The only product where “my hands don’t touch the hub and risk contaminating it” is the IPA cap | *Bedside hazard*   * IPA caps “can cause pressure ulcers” and can be “choking hazards” if they are lost and fall on the patient’s bed * I “will find [IPA caps] all over the floor and patient bed” |
| *Dryness of the IPA wipes*   * “IPA wipes feel dryer” which gives the perception of less disinfection |  |  |