Intentional rounding in hospital wards: What works, for whom and in what circumstances?

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Intentional rounding in hospital wards: What works, for whom and in what circumstances?

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Please note that these are confidential preliminary findings of the study and are not for wider circulation.
What is Intentional Rounding?
# Intentional Rounding Checklist

Rounding occurs on all patients
Schedule: Nurses round approx. every 2 hours on odd hours; HA/PMC round approx. every 2 hours on even hours

| Date: | 12am | 2am | 4am | 6am | 7am | 8am | 9am | 10am | 11am | 12pm | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| **Intentional rounds completed by:** (place initials in box indicating time of rounds, check all items below that apply for that time) | | | | | | | | | | | | | | | | | | | |
| **3 P-s** | | | | | | | | | | | | | | | | | | | |
| Pain Assessment | | | | | | | | | | | | | | | | | | | |
| Toileting (potty) - assist patient to restroom | | | | | | | | | | | | | | | | | | | |
| Positioning | | | | | | | | | | | | | | | | | | | |
| **Environmental scan** | | | | | | | | | | | | | | | | | | | |
| Fall risk hazards: bed in low position, cords are secured | | | | | | | | | | | | | | | | | | | |
| Phone, water, tissue, urinal, bedside table, trashcan, and call light are within reach | | | | | | | | | | | | | | | | | | | |
| Temperature of room, blankets, pillows | | | | | | | | | | | | | | | | | | | |
| **Prior to leaving room** | | | | | | | | | | | | | | | | | | | |
| Ask, “Is there anything else I can do for you? I have the time.” | | | | | | | | | | | | | | | | | | | |
| Remind the patient that a staff member (let them know who) will be back in about an hour to round on them again. | | | | | | | | | | | | | | | | | | | |
| **Document the round on the patient’s chart.** | | | | | | | | | | | | | | | | | | | |

Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
Signature/Initials: ____________________
"... regular interaction and engagement between nurses and patients and those close to them should be systematised though regular ward rounds" (Francis Report, Vol III, Recommendation 238, p1610)
So what’s the evidence?
Intentional rounding in hospital wards: What works, for whom and in what circumstances?

- **Phase 1**: Realist synthesis
- **Phase 2**: National survey of all NHS acute trusts in England
- **Phase 3**: Case studies
- **Phase 4**: Accumulative data analysis
Realist synthesis

- **Stage 1:** Identify *theories* or *assumptions* about why/how intentional rounding works or is expected to work. 89 documents included. 8 programme theories identified.

- **Stage 2:** Identify *empirical research* to support/refute theories identified in stage 1 or identify any new ones. 44 documents included.
8 theories of intentional rounding

• Allocated time to care
• Visibility of nurses
• Nurse-patient communication and relationships
• Consistency and comprehensiveness
• Accountability
• Anticipation of needs
• Staff communication
• Patient empowerment
1. Allocated time to care

<table>
<thead>
<tr>
<th>THINGS THEY’RE TOO BUSY FOR</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comforting/talking to patients</td>
<td>78%</td>
</tr>
<tr>
<td>Promoting mobility and self care</td>
<td>59%</td>
</tr>
<tr>
<td>Oral hygiene</td>
<td>48%</td>
</tr>
<tr>
<td>Falls prevention</td>
<td>45%</td>
</tr>
<tr>
<td>Sufficient change of patient’s position</td>
<td>41%</td>
</tr>
<tr>
<td>Keeping patients and families informed</td>
<td>38%</td>
</tr>
<tr>
<td>Helping patients with food and drink</td>
<td>34%</td>
</tr>
<tr>
<td>Helping patients use toilet or manage incontinence</td>
<td>33%</td>
</tr>
<tr>
<td>Prepare patients and families for discharge</td>
<td>30%</td>
</tr>
<tr>
<td>Skin care</td>
<td>30%</td>
</tr>
<tr>
<td>Pain management</td>
<td>19%</td>
</tr>
<tr>
<td>Care for dying patients</td>
<td>17%</td>
</tr>
</tbody>
</table>
2. Visibility of nurses
3. Nurse-patient communication and relationships

“Let’s go over this one more time, when you call me, it should be for medical purposes only. We don’t have HBO, and you can’t get free pay-per-view movies.”
4. Consistency and comprehensiveness

- Consistency
- Consistency
- Consistency
- Consistency
- Get it?
5. Accountability

Savage Chickens

by Doug Savage

YOU'VE GOT A PROBLEM WITH AVOIDING PERSONAL ACCOUNTABILITY

YA, AND WHOSE FAULT IS THAT?
6. Anticipation of needs

ANTICIPATE

KNOWING WHAT CUSTOMERS NEED BEFORE THEY DO
7. Staff communication

TEAMWORK MAKES THE DREAM WORK
8. Patient empowerment
Findings

44 papers reviewed....
- peer reviewed journals (n=18),
- professional press (n=21),
- four study reports
- a doctoral thesis.

- USA (n=25)
- UK (n=12)
- Australia (n=5),
- Canada and Iran (1 paper each).
Mechanism 1: Consistency and comprehensiveness (n=21)

- IR helped staff remember to conduct all aspects of care on every round and identify tasks that might otherwise be missed.
- Helped guide junior/unqualified staff and staff less familiar with the patient.
- Enabled staff to regularly speak to all patients, not just those identified as higher risk.

Context
- Strategies in place to reinforce adherence to process (e.g. education, observations)
- Suitability of IR documentation

Outcome
- Reassuring to staff, patients and carers
- Evidence not clear about clinical outcomes, incidence of call bells
Context of patient need, unsuitable education strategies, unsuitable IR documentation, setting of ward, individual staff characteristics, lack of clarity about round delivery, lack of time/low staffing/conflicting priorities

Outcomes: Reassuring to staff, patients and carers, some evidence about clinical outcomes, incidence of call bells, staff feel ‘silly’ or uncomfortable, patients refuse to participate in rounding
However...

- Rounds not consistently carried out by all nurses or for all patients or nurses not conducting IR according to the recommended protocol.
- Nurses used clinical judgement and professional autonomy to modify rounding process, assessing patients on an individual basis and making informed choices about how frequently to conduct rounds and what questions to ask.

Context
- Ward setting
- Individual staff characteristics
- Lack of clarity around when/by whom rounds should be delivered
- Lack of time/low staffing/conflicting priorities

Outcomes
- Staff feel ‘silly’/uncomfortable
- Patients refuse to participate in rounding
Context of patient need, unsuitable education strategies, unsuitable IR documentation, setting of ward, individual staff characteristics, lack of clarity about round delivery, lack of time/low staffing/conflicting priorities

Outcomes: Reassuring to staff, patients and carers, some evidence about clinical outcomes, incidence of call bells, staff feel ‘silly’/uncomfortable, patients refuse to participate in rounding
Mechanism 2: Accountability (n=19)

- Original definition of mechanism partially supported by empirical evidence, with accountability perceived as underpinning IR in some studies.

- However, staff accountability for rounding seemed to focus upon the completion of IR documentation rather than upon the ability to carry out high quality IR.

- No evidence that increased personal accountability led to the delivery of higher standards of care.

- IR may be more a means of offering assurance to key stakeholders (eg. patients, relatives, nurses, managers) about the care being delivered.
Example of a CMO configuration associated with the *presence* of the accountability mechanism

Qualitative research study comprised of 3 focus groups (9 nurses and 6 nursing and midwifery managers/educators working in either aged care or maternity units in one Australian hospital):

- **Context:** Confused patient unable to recall receiving care.
- **Accountability mechanism present:** IR documentation is recalled and used to demonstrate that care had been provided.
- **Outcome:** Family members feel reassured.

*Confused patient unable to recall receiving care [C] → IR documentation recalled and used to demonstrate care provided [M present] → Family members reassured [O+]*

As highlighted in Flowers (2016)
Mechanism 3: Nurse-patient communication/relationships

- Original definition partially supported by empirical evidence:
  - Widely reported that IR did increase the **frequency** of communication between nurses, patients and family members but less evidence that it **improved** communication.
  - Staff believed that increased communication was welcomed by patients and family, making them feel more involved in care, more likely to voice concerns and less likely to feel ignored/neglected.
  - However, for some patients, it was the **quality** and **meaningfulness** of their interactions with staff that were important and IR did not always facilitate this:
    - “I just want them to speak friendly, not ask questions about my pain and drinks” (Patient. Kenny, 2015, p18)
    - “We don’t have conversations, we just answer questions” (Patient. Kenny, 2015, p18)
Example of a MCO configuration associated with the presence of the nurse-patient communication/relationships mechanism

Two-stage pilot project with participatory methods undertaken to introduce IR as a service improvement initiative in nursing and midwifery at 2 general hospitals within 1 NHS Healthcare Trust in England. Findings were based upon the results of a staff evaluation questionnaire sent to clinical managers and matrons.

- **Context:** Outpatient area with unavoidable delayed waiting times.
- **Communication mechanism present:** IR offers opportunity for patients to be advised every hour about delays and waiting times, enabling them to feel able to go and get refreshments whilst they wait.
- **Outcomes:** Patient complaints are reduced.

*Outpatient setting with unavoidable delayed waiting times [C] → Patients are informed every hour about delays and waiting times so that they feel able to go and get refreshments whilst they wait [M present] → Less patient complaints about waiting times [O+]*

As highlighted in Dewing and O’Meara (2012).
Discussion and conclusions – what aspects of IR work, for whom and in what circumstances

- **What aspects of IR work?**
  - Frequent, structured approach to delivering fundamental care is reassuring for *some* patients
- **For whom?** – patients who need more help, are quieter or are reassured simply by seeing nurses regularly
- **In what context?** – when there are sufficient nurses to conduct IR / workload is manageable

*BUT what does not work?*
Discussion and conclusions – what aspects of IR work, for whom and in what circumstances

• What aspects of IR work?
  • Having to sign IR documentation after each round makes some nurses feel more personally accountable
  • For whom? – nurses who understand the purpose of the IR process and have ‘bought in’ to the concept
  • In what context? – when there are sufficient nurses to conduct IR / workload is manageable, IR documentation is fit for purpose and at easy reach at the patient bedside

BUT what does not work?
Discussion and conclusions – what aspects of IR work, for whom and in what circumstances

• What aspects of IR work?
  • Completed IR documentation can monitor what care has been delivered ... or documented
  • For whom? – nurse managers who need to demonstrate that care has been delivered
  • In what context? – in response to patient relative query, complaint or untoward incident

BUT what does not work?
Discussion and conclusions - outstanding questions in refining the explanatory theory

• Flexibility of approach
  Should the implementation of IR be delivered in structured, standardised manner to all patients or targeted at particular patients depending on their need?

• If a flexible approach to IR is undertaken:
  • For which patients, in what circumstances and how does IR demonstrate greatest success?
  • Whom is best suited to determine patients’ suitability for IR?
  • How flexible can the approach to the delivery of IR be before it can no longer be considered IR?

• If a more structured, systematic approach is undertaken:
  • How does approach that ‘treats all patients the same’ encourage individualised and compassionate care?
Discussion and conclusions - outstanding questions in refining the explanatory theory

Nurse-patient interactions
- Is IR proposed as a tool for increasing the frequency of nurse-patient communication, improving the quality/meaningfulness of nurse-patient interactions or both?
- Whilst it is clear to see how ensuring that a nurse speaks hourly with every patient would increase the frequency of nurse-patient communications, can such a structured and prescriptive approach ever facilitate more meaningful interactions?
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