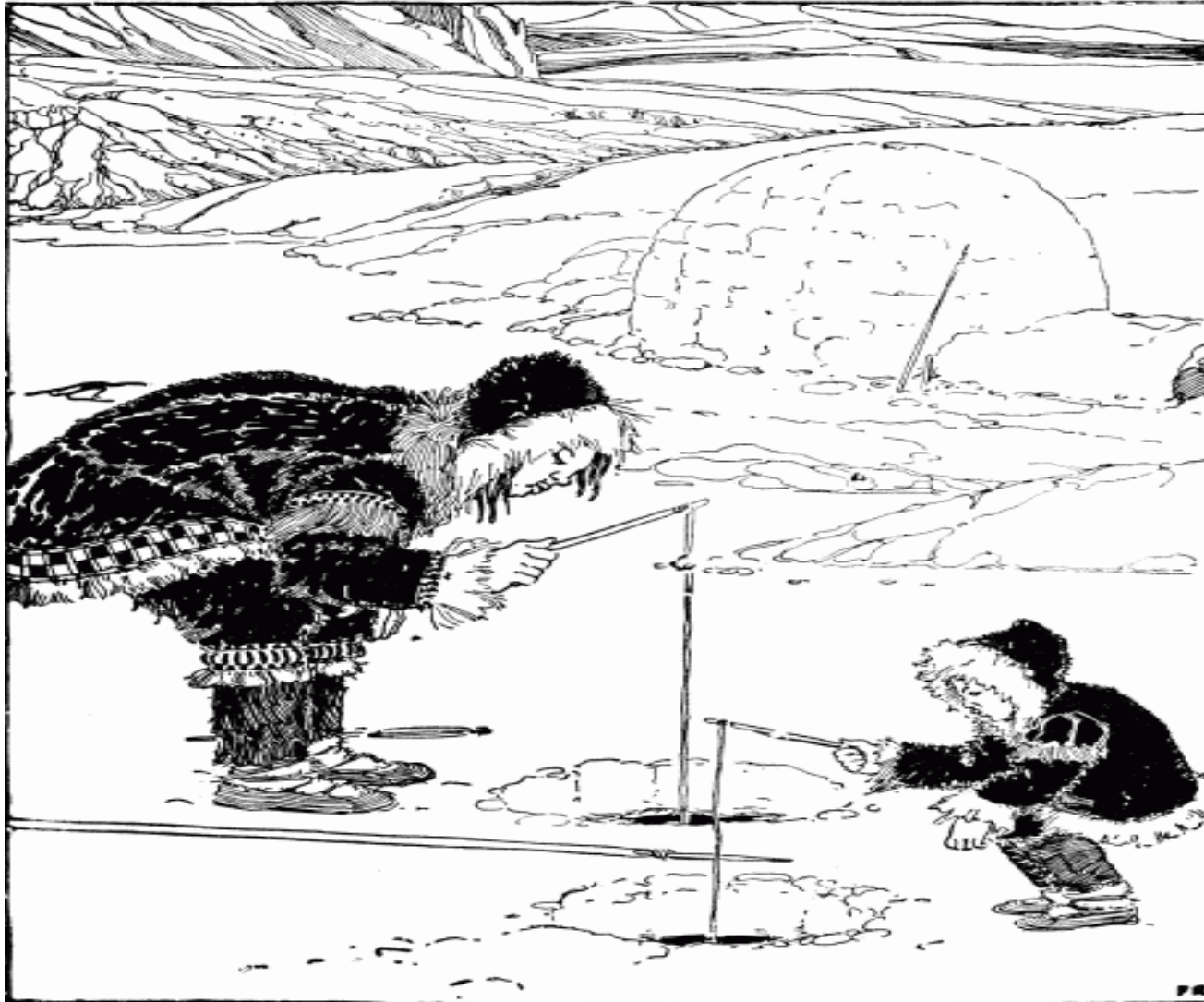


Management support and standardized nursing processes leads to a reduction in Catheter-Associated Urinary Tract Infections

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ARE YOUR WORMS WARM?



AIM

A reduction in Catheter–Associated Urinary Tract Infections by 33% over 18 months

(from a median of 13 to 8.7 CAUTI/1000 catheter days/month)

PROBLEM

- CAUTI rates remained high in the pilot unit
- BCA champion and pilot staff felt it was an impossible task
- Insufficient support for the BCA campaign
- Multidisciplinary teams were not on board

INTERVENTION

- Renewed support from management for the program was apparent
- Encouraging leadership throughout the hospital



INTERVENTIONS

- Increase unit stock levels
 - catheter related, disposable cloths
- Four hourly comfort rounds
 - maintenance aspect of bundle
- Training staff on relevant procedures

INTERVENTIONS

- Insertion and maintenance checklists introduced
- Bundle compliance measurement
- Improvement in identification of pre-existing urinary tract infections
admission clinic, daily work allocation

TROUBLE SHOOTING

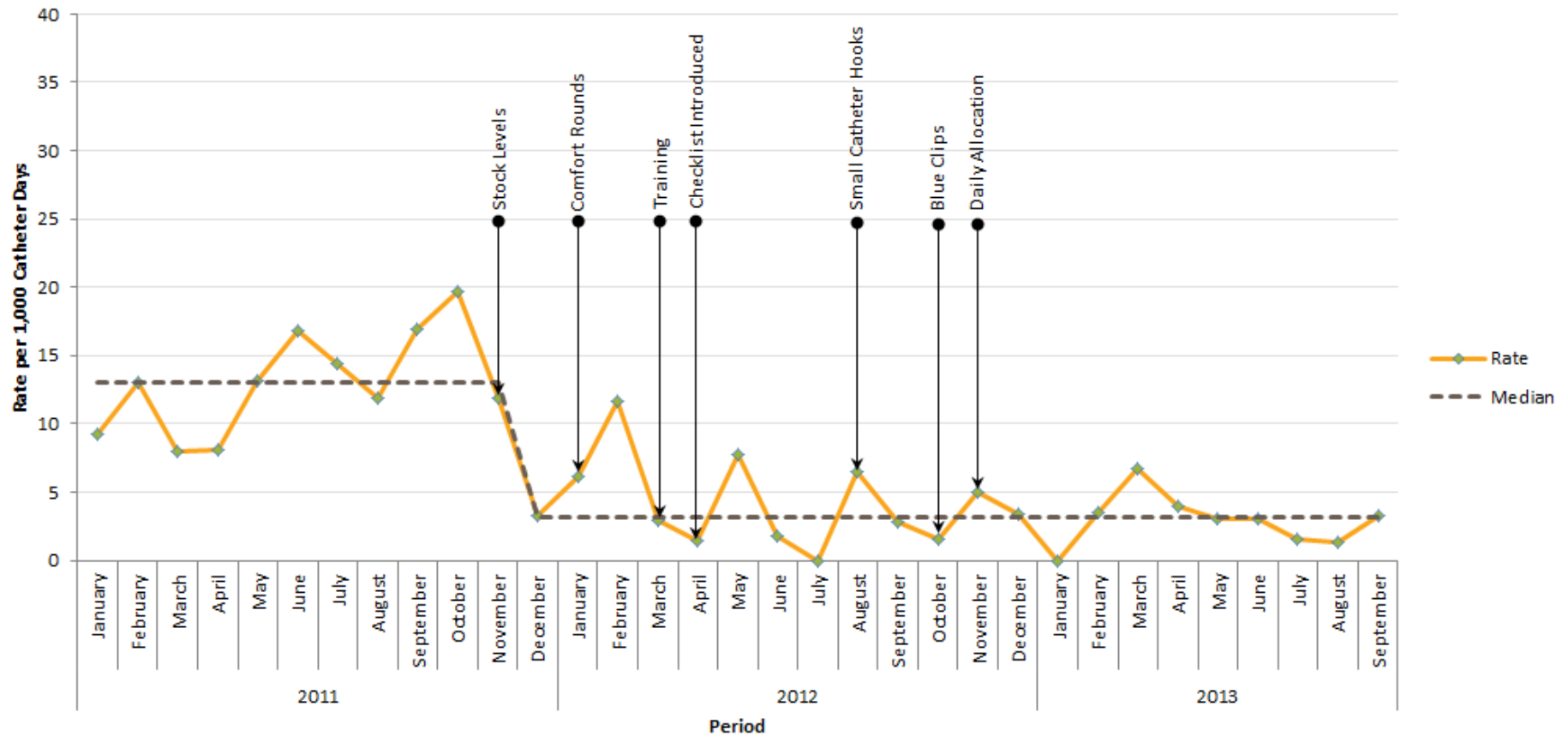
- Physiotherapist involvement
 - “blue clamps” provided to clip the catheter bag to the patients’ clothes on mobilisation
- Small catheter hooks for post-operative transportation



DATA SHARING

- Data is displayed and discussed monthly at management-, nursing- and doctors' meetings
- Improvement strategies are reviewed for individual bundle elements
- Personal discussion with the relevant doctor and/or nurses

Catheter associated urinary tract infections - Mediclinic Vergelegen January 2011 - September 2013



EFFECTS OF CHANGE

- ↑ bundle compliance
- ↓ in the overall hospital CAUTI rates of 75% to 3.2 CAUTI/1000 catheter days
- Improvement sustained for 18 months

LESSONS LEARNED

- Vital role of nursing management commitment to quality improvement
- Importance of practical, sustainable and beneficial nature of programme to garner unit manager support
- Need for overall compliance before embarking on new intervention
- Continuous problem solving and active involvement in the tracking process is important.

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