Theatres and Recovery Bulletin August 2019

Articles

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**Educational games developed for students in perioperative nursing: a systematic review and appraisal of the evidence.**
[A systematic review was conducted on electronic databases of MEDLINE/PubMed, Scopus, ISI Web of Science, CINAHL, and Embase until December 2017, using relevant keywords for educational games developed for nursing students in perioperative field. To evaluate the level of strength and quality of the evidence, the Association of periOperative Registered Nurses (AORN) revised model for evidence appraisal was used. Of the 852 evidenced, only 10 met the criteria and were reviewed and appraised.]
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**Fluid retention after shoulder arthroscopy: gravity flow vs. automated pump-a prospective randomized study.**
[APS causes more fluid retention than GFS in shoulder arthroscopy when used for equal duration in similar procedures. Use of APS, prolongation of surgery, and increased amounts of irrigation fluid increase weight gain as a result of fluid retention.]
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**Mechanical and oral antibiotic bowel preparation versus no bowel preparation for elective colectomy (MOBILE): a multicentre, randomised, parallel, single-blinded trial.**
[MOABP does not reduce SSIs or the overall morbidity of colon surgery compared with NBP. We therefore propose that the current recommendations of using MOABP for colectomies to reduce SSIs or morbidity should be reconsidered.]
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**Nursing students’ experiences of caring for ethnically and culturally diverse patients: a scoping review.**
[Little is known about nursing students' experiences of caring for patients from diverse cultures, which is an important factor in educational settings when it comes to understanding whether the teaching strategies applied are successful. Thus, the aim of this study was to conduct a scoping review of the literature, thereby synthesising existing studies to explore nursing students' experiences of caring for patients with different cultural backgrounds from theirs.]
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Prediction model and web-based risk calculator for postoperative ileus after loop ileostomy closure.
[A prediction model was developed for POI after loop ileostomy closure and included five variables. The model maintained good performance on external validation.]
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The Cough Trick Reduces Pain During Removal of Closed-suction Drains after Total Knee Arthroplasty: A Randomized Trial.
Yuenyongviwat V. Clinical Orthopaedics and Related Research 2019;:10.1097/CORR.0000000000000901.
[The cough trick during removal of a closed-suction drain tube in patients undergoing TKA reduced the level of pain. We suggest that surgeons consider this technique when removing drains after TKA. We believe this finding probably generalizes well to most minor procedures that cause transient, sharp pain. We suggest that it could be used to make such procedures more comfortable for patients, as well as for drain removal in other types of surgery where drains still are commonly used.]
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The impact of surgical therapies for inflammatory bowel disease on female fertility.
Lee S. Cochrane Database of Systematic Reviews 2019;7:CD012711.
[Women with inflammatory bowel disease (IBD) may require surgery, which may result in higher risk of infertility. Restorative proctocolectomy with ileal anal pouch anastomosis (IPAA) may increase infertility, but the degree to which IPAA affects infertility remains unclear, and the impact of other surgical interventions on infertility is unknown.]

The safe administration of medication: nursing behaviours beyond the five-rights.
[This paper discusses the findings from the observation phase of a more extensive, appreciative inquiry qualitative study exploring registered nurses' experiences of administering medications. The observations aimed to explore the participants' application of the five-rights of medication administration in practice. Twenty registered nurses working in inpatient medical/surgical units at an Australian hospital were observed administering medications from the beginning to the end of their shift.]
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Three wound-dressing strategies to reduce surgical site infection after abdominal surgery: the Bluebelle feasibility study and pilot RCT.
Reeves BC. Health Technology Assessment 2019;23(39):1-166.
[Conclusions: A main RCT of dressing strategies is feasible and would be valuable to the NHS. The SSI questionnaire is sufficiently accurate to be used as the primary outcome. A main trial with three groups (as in the pilot) would be valuable to the NHS, using a primary outcome of SSI at discharge and patient-reported SSI symptoms at 4–8 weeks.]
Guidelines

The following new guidance has recently been published:

**PICO negative pressure wound dressings for closed surgical incisions.**
National Institute for Health and Care Excellence (NICE);2019.
[https://www.nice.org.uk/guidance/mtg43](https://www.nice.org.uk/guidance/mtg43)

Evidence-based recommendations on PICO negative pressure wound dressings for closed surgical incisions. In August 2019 we added a note to this guidance advising that the PICO7 pump contains a magnet so it should be positioned at least 10 cm (4 inches) away from any medical devices that could be affected by magnetic interference.

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This Bulletin was created by Liz Wright of NHS East Dorset Knowledge and Library Service

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