

Prehospital Evidence Based Practice (PEP) Program

EXAMPLE Individual Study Appraisal Sheet

Appraiser: Ed Cain

Date: July 9, 2012

Protocol Category: Pediatric Shock

Protocol: Pediatric Hypovolemic Shock

Intervention: Mechanical Intraosseous Insertion

Citation: *Banerjee S, Singhi SC, Singh S, (1994). The IO Route is a suitable alternative to IV Route for fluid Resuscitation in Severely Dehydrated Children. Ind Ped 31; 1513-20.*

Appraisal:

Is this article applicable?



Yes



No

(If yes, please fill out the form and submit. If no, please submit and this will be removed from your queue.)

Study design:

- Randomized controlled trial
- Systematic Review with Meta-analysis(RCTs only)
- Systematic Review (RCTs and others)
- Prospective Cohort Study
- Case Control Study
- Retrospective Cohort study
- Case Series/ Case reports

Design Flaws and Biases Affecting Internal Validity:

- 1.
- 2.

Design flaws and Biases Affecting External Validity:

- Study Population (Sampling):
- Setting Location:

Additional Comments:

Level I	Evidence obtained from adequately powered properly designed randomized controlled trials (RCTs) on live human participants, or systematic reviews or meta-analysis with only RCTs. No pilot studies or underpowered RCTs are to be included here.
Level II	Evidence obtained from adequately powered non-randomized studies with a comparison group of live human participants, or systematic reviews/meta-analyses of non-randomized studies with a comparison group. Prospective or retrospective registry-type studies in which comparisons are made; cohort, before/after studies and case control studies are included here.
Level III	Evidence from studies with no randomization and no comparison group (eg: case series, epidemiological descriptions). If a comparison is made between the same intervention with different doses, it will be listed here. Simulation/manikin studies and animal studies. Pilot studies and non-adequately powered studies are listed here.

Direction of Evidence Primary Outcome:

- Supportive:
- Neutral:
- Against:

Primary Outcome (The outcome listed as “main” or “primary” or first listed):

Please review the current recommendation within the 3x3 and if there is strong evidence for a change here please write a summary of your suggestion.