

TITLE ABSTRACT SELECTION: The following questions are asked to determine if study should be moved to full text review

1. INTERVENTION: Is the intervention studied in PEP?

a. **YES: Move to Q2**

b. NO: Ask:

- Could the intervention studied be a new addition to PEP?
 - **YES: move to Q2**
 - **NO: EXCLUDE**

2. SETTING: Is the study conducted in the EMS setting?

a. **YES: Move to Q3**

b. NO: Ask:

- Was the intervention studied by medics in simulation?
- **YES: Move to Q3**
- NO: Ask
 - Is this a study we could use to inform EMS practice where there is a lack of relevant EMS evidence?
 - *It is an intervention being practiced in the EMS setting already but there is a lack of EMS related research.*
 - *It is an intervention that we predict will impact EMS care or is reasonable to expect it becomes an EMS intervention in the foreseeable future.*
 - **YES: Move to Q3**
 - **NO: EXCLUDE**

3. RESEARCH TYPE:

a. ***Is this a primary study?***

- YES: Ask
 - Is it only describing prevalence/epidemiological report?
 - Is it solely reporting on monetary outcomes?
 - **YES: EXCLUDE**
 - **NO: move to Q4**

b. ***Is this study a review?***

- YES: Ask
 - Is the study a systematic review?
 - (If it does not explicitly state “Systematic”, review the methods. They should include a rigorous search strategy and multiple databases.)
 - **YES: Move to Q4**
 - **NO: EXCLUDE** [narrative reviews are excluded]

c. ***Is this a case report?***

- YES: ask

PEP Study Selection Criteria

- Is there other higher quality evidence currently present in the database?
 - **YES: EXCLUDE**
 - **NO: Move to Q4**
- 4. STUDY REPORTING:**
 - a. Was there an intervention and outcome reported?
 - **YES: Continue to Q4b**
 - **NO: EXCLUDE**
 - b. Were there results reported in the article?
 - **YES: INCLUDE – OBTAIN FULL TEXT ARTICLE AND MOVE TO NEXT STAGE**
 - **NO: EXCLUDE** (methods papers and study protocols excluded)

FULL TEXT ARTICLE SELECTION

If they meet these criteria, move it along to the full text stage. At that point the study is briefly reviewed with these same criteria and assigned to the appropriate interventions. Then it is ready to be sent to the appraiser team for critical appraisal and risk of bias assessment.