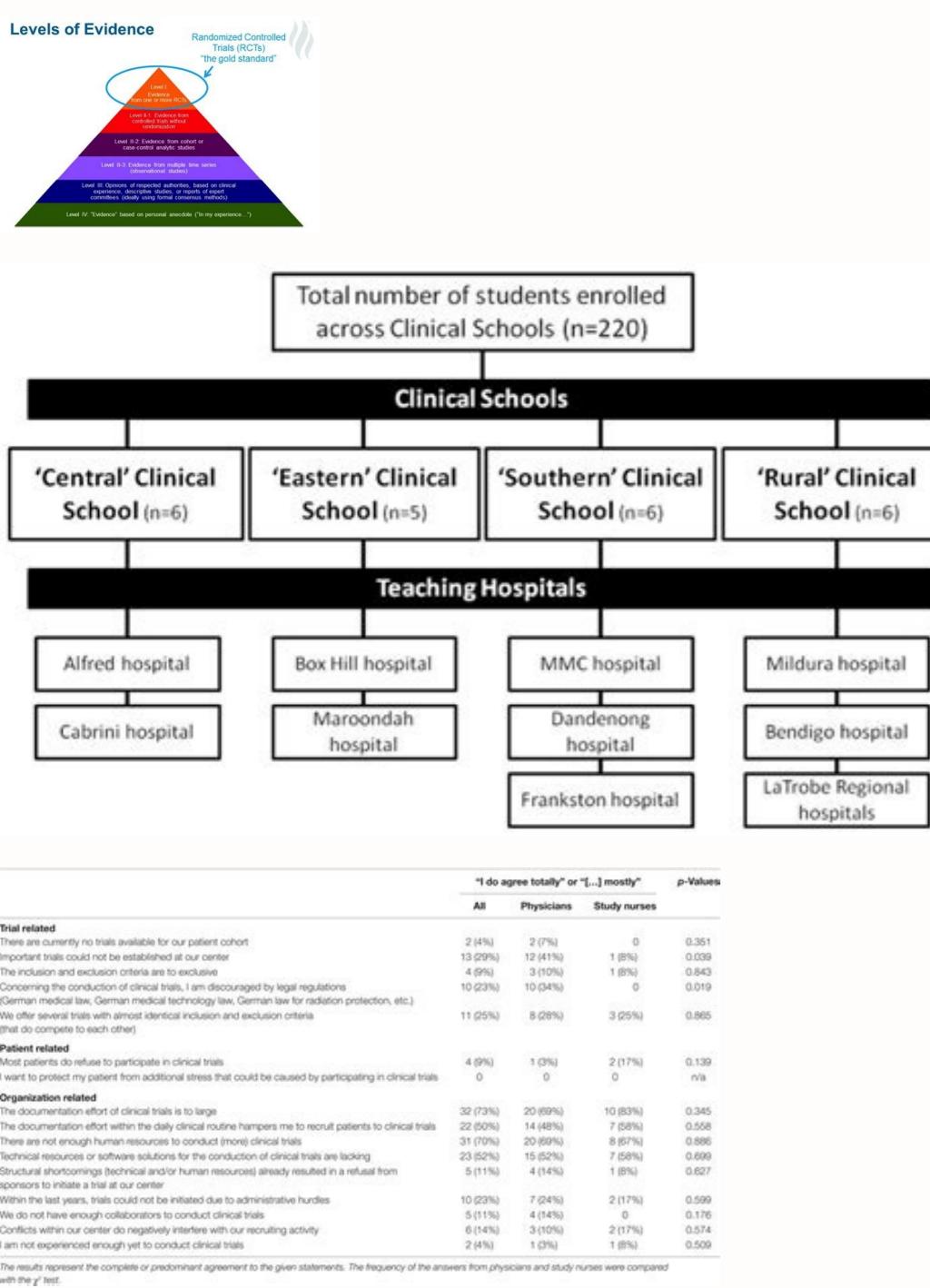


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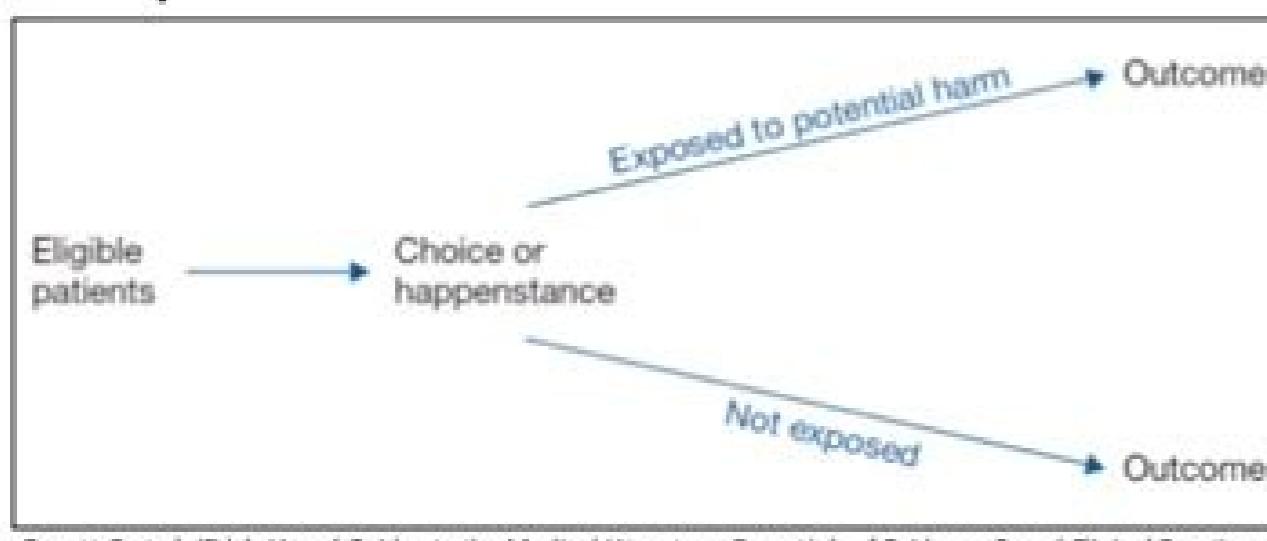
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Structure of Observational Cohort Studies

- ☐ Ideally, we would also look to randomized trials to address **issues of harm**
 - For most potentially harmful exposures, however, randomly allocating patients is neither practical nor ethical
 - For example , one cannot suggest to potential study participants that an investigator will decide by the flip of a coin whether or not they smoke during next 20 years
 - ☐ For exposures such as smoking, best one can do is identify **observational studies** (subclassified as *cohort* or *case-control studies*) → provide less trustworthy evidence than randomized trials



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Factors deciding priority questions

- Which question is most important to the patient's well-being?
 - Which question is most relevant to the learner's need?
 - Which question is most feasible to answer?
 - Which question is most interesting?
 - Which question is most frequent in our practice?



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