

**1st INTERNATIONAL DENTAL CONFERENCE  
“NAVIGATING THE FUTURE OF DENTISTRY”**

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**Abstract**

**Title : Why most studies fail to answer the research question they are designed to address?**

The practice of medicine and dentistry in the modern era is based on finding the best available evidence that can help the clinicians in making appropriate decision for the patients' healthcare. However, it has been observed that a number of clinical studies simply fail to address the research question(s) they are designed to search the answer for. The reasons could be lack of power, resorting to inappropriate methodology, employing a low sample size, not addressing the potential biases and confounders or not subjecting the data to the suitable statistics. What could be done by the researchers to answer their research question in a better way? Probably, rather than looking into individual studies and cherry-picking the information, a more logical approach would be to look into the totality of evidence. Systematic reviews and meta-analysis are the approaches that can answer the research question by synthesizing the data on a particular question.