



Group 3: Focus on active implantable devices

Assignment tasks

1. Read through the following article carefully:
 - [Baman TS, Meier P, Romero J, Gakenheimer L, Kirkpatrick JN, Sovitch P, Oral H, Eagle KA. Safety of pacemaker reuse: a meta-analysis with implications for underserved nations. *Circ Arrhythm Electrophysiol.* 2011 Jun;4\(3\):318-23. doi: 10.1161/CIRCEP.110.960112. Epub 2011 Apr 14.](#)
2. Discuss your impressions in your group and decide on important elements regarding objective, methodology, results and conclusions. Is the literature search systematic? How was the research question operationalized in terms of Population, Intervention, Comparison, Outcome (PICO)? Research “how to interpret a forest plot” on Google to help you understand figures 2 & 3.
3. Read through the following short editorial:
 - [Sani MU, Mayosi BM. The Pacemaker and ICD Reuse Programme of the Pan-African Society of Cardiology. *Heart.* 2017 Dec;103\(23\):1844-1845. doi: 10.1136/heartjnl-2017-311462. Epub 2017 May 31.](#)
4. Based on your understanding from the paper by Baman et al., how do you evaluate the initiative described by Sani & Mayosi? What, if any, implications could it have for the Ghanaian context?
5. Summarize and present the paper by Baman et al. to the rest of your class. Your presentation should include at least:
 - a. An overview of objectives, methods, results and conclusions; please include the definition of assistive technologies used in the article as well as a short explanation of the concept of a “meta-analysis” as it applies in this case.
 - b. A critical reflection about the choice of methods, the quality of reporting, and the transferrability of the results and conclusions.
 - c. A short discussion of the paper’s policy relevance, especially in regard to the Ghanaian context. What (if anything) do the findings mean for stakeholders in the health system, particularly policy-makers? What is the relevance of the arguments and initiative presented by Sani & Mayosi?

Presentation guidelines:

- a) You will have 20 minutes for your presentation, followed by 10 minutes discussion which you are expected to moderate. Every group member has to present, distribution of presentation time should be as equal as possible.
- b) You are free to choose the format of your presentation; if you choose slides, make sure they are readable for everyone in the room.



- c) The presentation will be graded and count towards your final grade (10%). You can achieve a maximum of 10 points.
- d) The presentation will be evaluated on
 - a. content (5 out of 10 points),
 - b. structure (2 out of 10 points),
 - c. form (2 out of 10 points, divided equally between visual components and presentation style) and
 - d. time-keeping (1 out of 10 points).