Biostatisticians are involved at every stage

**Tasks for biostatisticians**

- Refining the research question
- Study design
- Assist with protocol writing and review (including justifying sample size and planning the statistical analysis)
- Randomisation (generation and setting up)
- CRF review
- Review database and Data Management Plan
- Statistical monitoring of data quality (centralised monitoring)
- Develop Data Safety Monitoring Committee (DSMB) Charter & Procedures
- Prepare DSMB* reports and attend DSMB meetings
- Attend Trial Management Group meetings
- Statistical analysis (conduct or advise)
- Assist with interpreting results
- Assist with writing up results
- Publication in peer-reviewed journals
- Presentation at conferences

**Biostatisticians provide important support during the design stage**

- Is the research question clearly defined and answerable?
- Will the data collected enable the research question to be answered?
- Are the planned methods of analysis appropriate to answer the question?
- Is there a sound plan for data management?

* Data Safety Monitoring Board

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