



How should an RWE study plan be developed and communicated?

Tim Koder





A question for you

• What involvement have you had in RWE planning?

- 1. Gap analysis and strategy
- 2. Methodology and analysis
- 3. Publication support only













Study planning considerations





Research question

- Address the evidence need by formulating the scientific objective and hypothesis (if appropriate)
 - This should be determined before the study starts
 - Do not start a study hoping an interesting question will emerge

Feasible to answer

A good research question is:



Novel

Ethical

Relevant



Deciding what will be studied

PICO framework is useful for structuring and focusing the research question



Deciding how the evidence need will be met





Systematic assessment of RWE sources provides foundation for research



Identifying Real-World Data for Observational Studies: A Systematic Approach



h Evaluation Unit, Oxford PharmaGenesis™ Inc., Newtown, PA, USA; PharmaGenesis™ Uð, Oxford, UK



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OBJECTIVE

- Real-world evidence provides information about the effectiveness, safety, and value of healthcare interventions throughout the product lifecycle.
- A multitude of observational data sources exist but they vary by geographic location and in quality, data elements captured, and accessibility to external users.
- Our objective was to develop a systematic methodology to identify observational data sources for specific research questions and to test it in both common and rare conditions in a range of therapeutic areas.







Collaborating with external experts

- External partners can:
 - advise on the study design and methodology
 - provide access to data
 - use contemporary statistical approaches to analyse data





Global and local collaboration

 Understanding the perspectives of local healthcare decision-makers is crucial for ensuring that the right evidence is generated

















A question for you

- How confident are you in communicating RWE?
 - 1. I'm very experienced and I know what I'm doing
 - 2. I do work with RWE but I'm still learning
 - 3. I'm completely bamboozled





Question for the panel





Publications matter ... because EBM relies on systematic literature reviews



- A core methodology of EBM is the systematic review
 - All relevant published evidence relating to the indication is identified and evaluated
- Publications evaluated in the EBM process will inform decision-making
 - Relevant publications identified by the systematic review will have to be considered
 - A publication by clinical experts in a high-quality, peer-reviewed journal lends credibility and weight to your data

Communicating effectively means cutting out the technical jargon





Communicating effectively means cutting out the technical jargon





Help your audiences: beyond publication



- Most of your internal and external audiences for RWE publications will not understand the technical details of RWE
- Develop simple, non-technical tools to accompany publications
 - One-page 'Evidence Summaries' of key RWE study publications
 - Infographics-driven, visually stimulating, interactive slide decks
 - Usable by field force in discussions with payers, prescribers and other decision-makers



Conclusion



