DigiCore

Fireside Chat
OMOP in oncology

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The Digital Institute for Cancer Outcomes Research



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Some sticky points



- Where OMOP works, and where oncology starts to stretch it
- Cancer is not a collection of isolated events
- Genomics already challenges the model
- Multimodal oncology: perhaps the biggest future challenge

Let’s be controversial

Should OMOP be the data model, or should it become the index/contextual layer connecting specialised data models and repositories?

- Option A: Extend OMOP
- Option B: Keep OMOP relatively simple
- Option C: Move towards a layered architecture

To conclude



1. What clinically important oncology information do we lose when converting data to OMOP?

2. Are emerging cancer treatments exposing limitations in OMOP that incremental extensions won't solve?

3. In ten years, is OMOP still the principal oncology research model, or one layer within a broader multimodal interoperability architecture?