Observational studies registry and sharing protocols – why is that important?

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protocol → code → output
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Showing concepts matching "myocardial infarction"

IX: Diseases of the circulatory system

- Acute myocardial infarction (I21)
- Acute myocardial infarction, unspecified (I219)
- Acute subendocardial myocardial infarction (I214)
- Acute transmural myocardial infarction of anterior wall (I218)
- Acute transmural myocardial infarction of inferior wall (I211)
- Acute transmural myocardial infarction of other sites (I212)
- Acute transmural myocardial infarction of unspecified site (I213)
- Certain current complications following acute myocardial infarction (I23)
- Atrial septal defect as current complication following acute myocardial infarction (I231)
- Haemopericardium as current complication following acute myocardial infarction (I238)
- Other current complications following acute myocardial infarction (I238)
- Rupture of cardiac wall without haemopericardium as current complication following acute myocardial infarction (I234)
- Rupture of chordae tendineae as current complication following acute myocardial infarction (I235)
- Rupture of papillary muscle as current complication following acute myocardial infarction (I235)
- Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction (I236)
- Ventricular septal defect as current complication following acute myocardial infarction (I232)
- Coronary thrombosis not resulting in myocardial infarction (I240)
- Old myocardial infarction (I252)
- Subsequent myocardial infarction (I22)
- Subsequent myocardial infarction of anterior wall (I220)
- Subsequent myocardial infarction of inferior wall (I221)
- Subsequent myocardial infarction of other sites (I228)
- Subsequent myocardial infarction of unspecified site (I229)
Why write a protocol?

- Data access
- Resource identification
- Project focus
- Transparency
- Ethical approval
- Instruction manual
- Identification of potential issues
- Reproducibility
protocol → code → output
Why share code?

• The code is the most complete record of the study

• Small but important details, such as the order things are implemented or package defaults, will not necessarily be in the final output

• Others can implement the same code in other settings
GitHub is an online provider of Git, a content tracking software.

GitHub users can store their code online, track changes and perform code review.
Include a link to the a-priori protocol and a list of protocol amendments.

Include a link to well-annotated, publicly available code.

Clearly report what was done in the output using guidelines, such as STROBE.
Thank you