

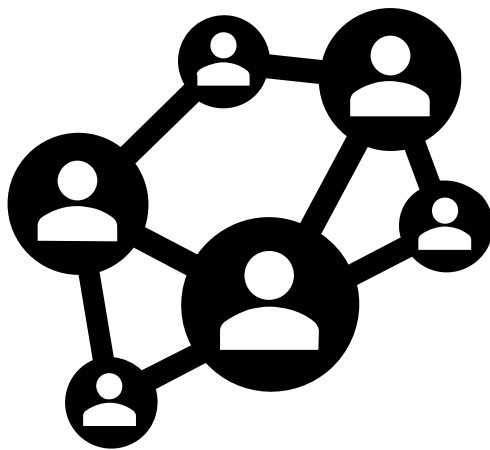
Research outputs as evidence of research success? A Grampians Health case study

Gemma Siemensma

Aims



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Review

Guideline concordant prescribing following myocardial infarction in people who are frail: A systematic review

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HIGHLIGHTS

- The risk-to-benefit ratio of cardioprotective medications frailty is unclear.
- We systematically reviewed post-MI medication prescribing by frailty.
- Prescribing of P2Y12i, RAASI, and statins was lower for frail people.
- Prescribers are making these decisions in the absence of strong evidence.

ARTICLE INFO

Keywords:

Frailty

Myocardial infarction

Pharmacoeconomics

Cardiovascular disease

ABSTRACT

Aim: The risk-to-benefit ratio of cardioprotective medications in frail older adults is uncertain. The objective was to systematically review prescribing of guideline-recommended cardioprotective medications following myocardial infarction (MI) in people who are frail.

Data sources: Ovid Medline, PubMed and Cochrane were searched from inception to October 2022 for studies that reported prescribing of one or more cardioprotective medication classes post-MI or acute coronary syndromes in

SUMMARY

In 2023 and 2024 Grampians Health used **702 Field of Research (FoR) codes** to classify research from **234 papers**. These 702 codes fell into **88 different fields**, **37 groups** and **11 divisions**.



234
Papers

702
Codes

88
Fields

37
Groups

The most used Field code: **320101 Cardiology (incl. cardiovascular diseases)**, which was used **71 times**.

DEPARTMENTS

The papers were from **32 different departments** within Grampians Health. The **5 most popular** were:

Surgery
(45)

Oncology
(25)

Pharmacy
(21)

Infectious
Diseases
(21)

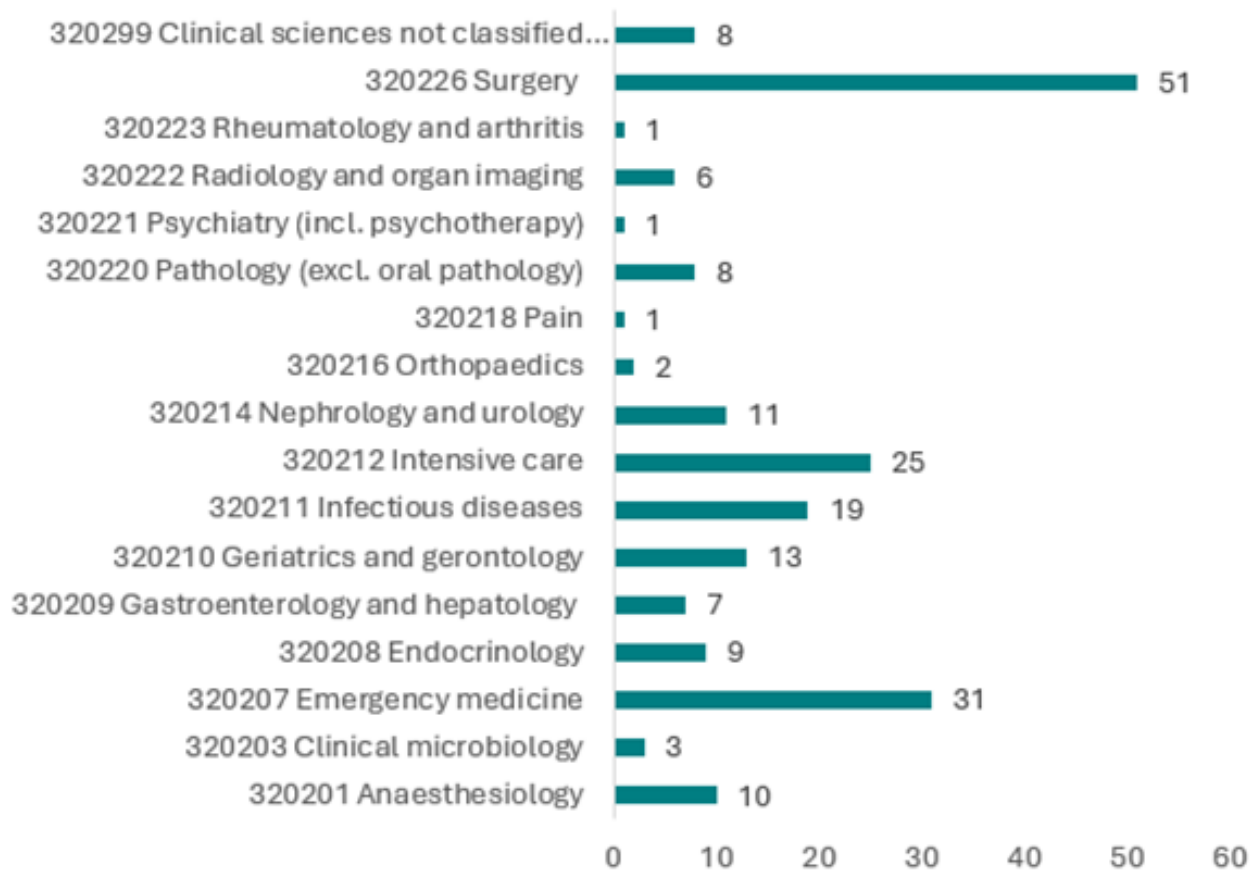
Allied Health
(20)

GROUP CODES (4 DIGIT)

Top 5 group codes.

- 1 **3202 Clinical sciences**
205
- 2 **3201 Cardiovascular medicine and haematology**
74
- 3 **3211 Oncology and carcinogenesis**
73
- 4 **4203 Health services and systems**
68
- 5 **3214 Pharmacology and pharmaceutical sciences**
58

3202 Clinical Sciences had the largest range of field codes.
17 different field codes used **206 times**.



FIELD CODE SUMMARY

Below is a summary of the codes that were used **5 or more times**.



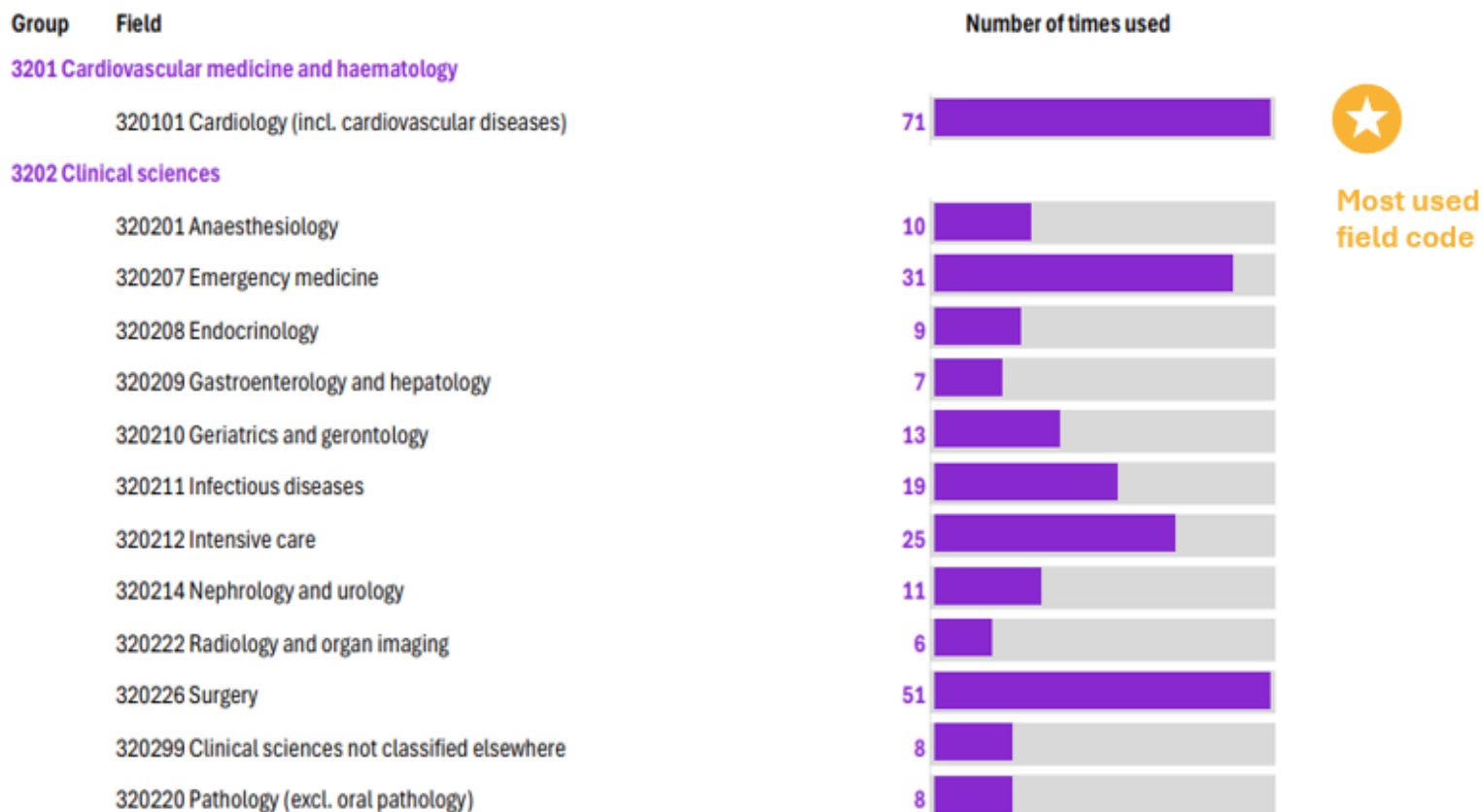
611
Codes

36
Fields

15
Groups

5
Divisions

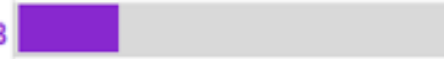
This accounted for **87% of codes**.



3207 Medical microbiology

320701 Medical bacteriology

8



3209 Neurosciences

320905 Neurology and neuromuscular diseases

16



3210 Nutrition and dietetics

321005 Public health nutrition

5



3211 Oncology and carcinogenesis

321104 Cancer therapy (excl. chemotherapy and radiation therapy)

9



321105 Chemotherapy

18



321110 Radiation therapy

7



321199 Oncology and carcinogenesis not elsewhere classified

39



3213 Paediatrics

321399 Paediatrics not elsewhere classified

10



3214 Pharmacology and pharmaceutical sciences

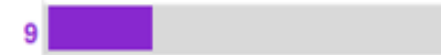
321403 Clinical pharmacy and pharmacy practice

57



3215 Reproductive medicine

321502 Obstetrics and gynaecology



3903 Education systems

390305 Professional education and training



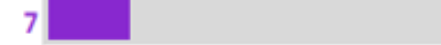
4202 Epidemiology

420202 Disease surveillance

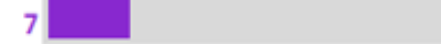


4203 Health services and systems

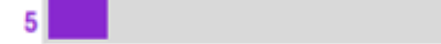
420301 Aged health care



420304 General practice



420308 Health informatics and information systems



420313 Mental health services

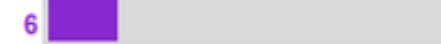


420321 Rural and remote health services

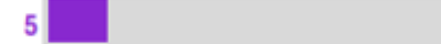


4205 Nursing

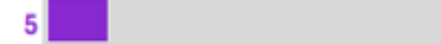
420501 Acute care



420502 Aged care nursing



420599 Nursing not elsewhere classified



4206 Public health

420605 Preventative health care



420699 Public health not classified elsewhere

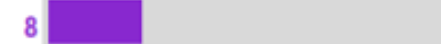


4610 Library and information studies

461006 Library studies



461099 Machine learning not elsewhere classified



Translational Impact

Understanding GH's research profile supports strategic planning, funding applications, and collaboration.

Addressing identified gaps can lead to more equitable, targeted healthcare solutions for regional and rural populations.