

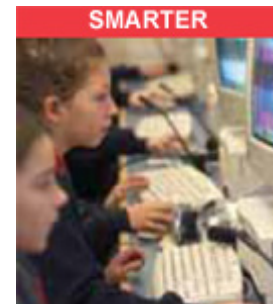
Chief Scientist Office Research Strategy

- **New Strategy published every 5 years**
- **Consultation over coming months**
- **Launch at annual NRS Conference in November 2014**
- **Key area will focus on efficient NHS support for research studies**



Strategic Objectives - Scottish Government

Five objectives that underpin its core purpose:
to create a more successful country, with opportunities for all of Scotland to flourish
through increasing sustainable economic growth.



Why should Scotland do clinical research

Economic benefits of research

Study commissioned by MRC, Wellcome Trust, Acad Med Sciences

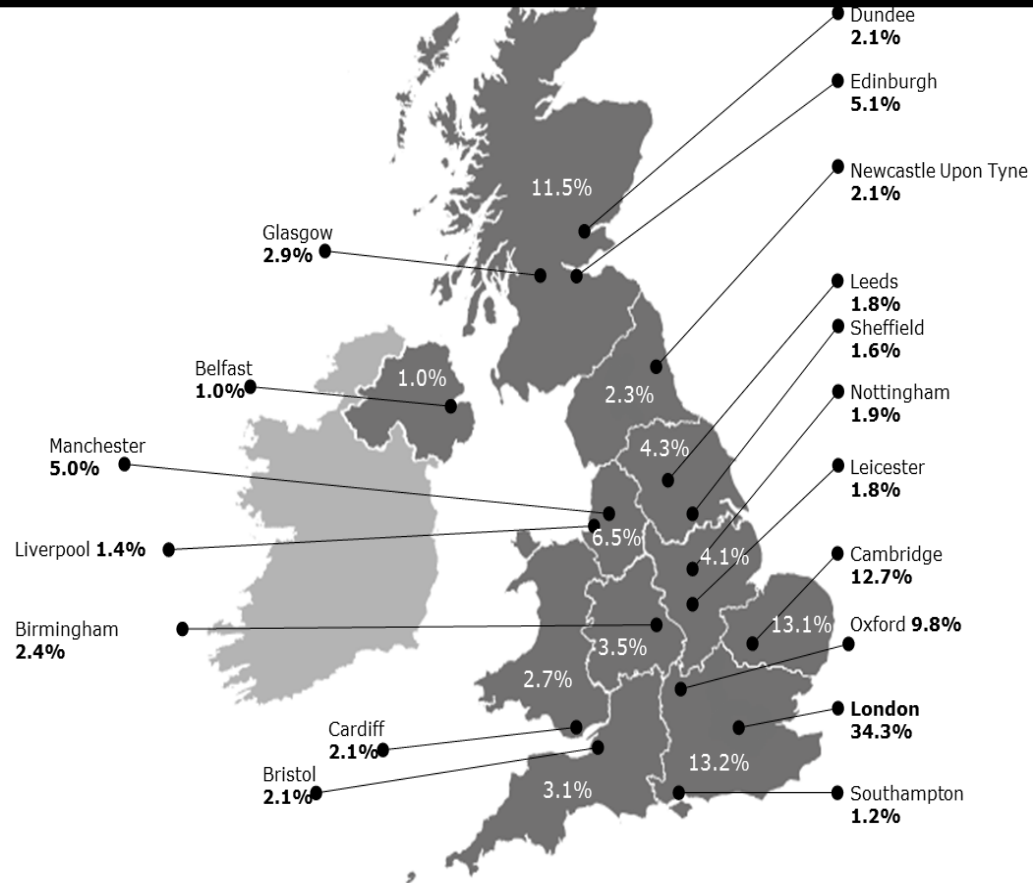
- **UK based research in CVD [1975-1992]**
- **UK net health gains = 9% IRR**
- **UK GDP gains = 30% IRR**
- **£1 investment in public/charitable CVD research produced benefit stream equivalent to earning £0.39 per annum in perpetuity**
- **Estimated mean lag between research and impact – 17 years**

Why should Scotland do clinical research

- Research central to ethos of evidence-based person-centred healthcare system
- Access to clinical trials for Scottish patients
- Research Infrastructure / high end jobs / wealth creation
- Inward investment

Background

- 11.5% of UK health research expenditure in Scotland (UKCRC, 2012)
- Scotland has 8.5% of UK population



CSO Research Committees

Provide mechanism by which CSO funds specific research projects

£225K per project @ 80% full economic cost

Principal Investigator must be Scottish-based permanent HEI or NHS member of staff

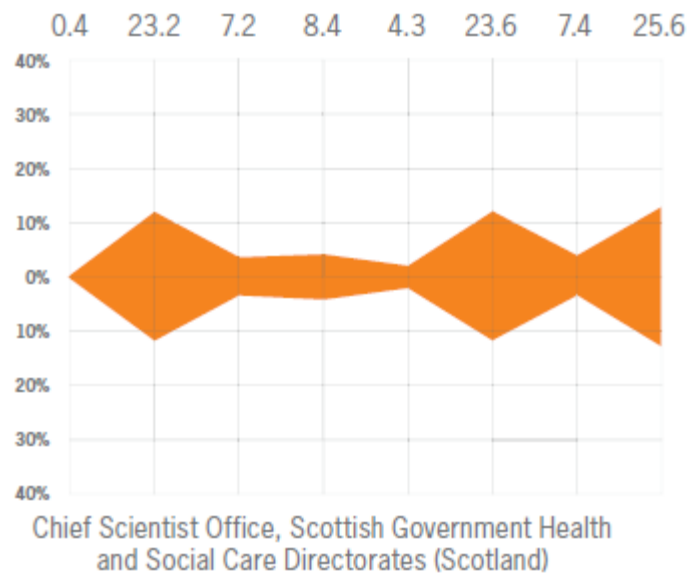
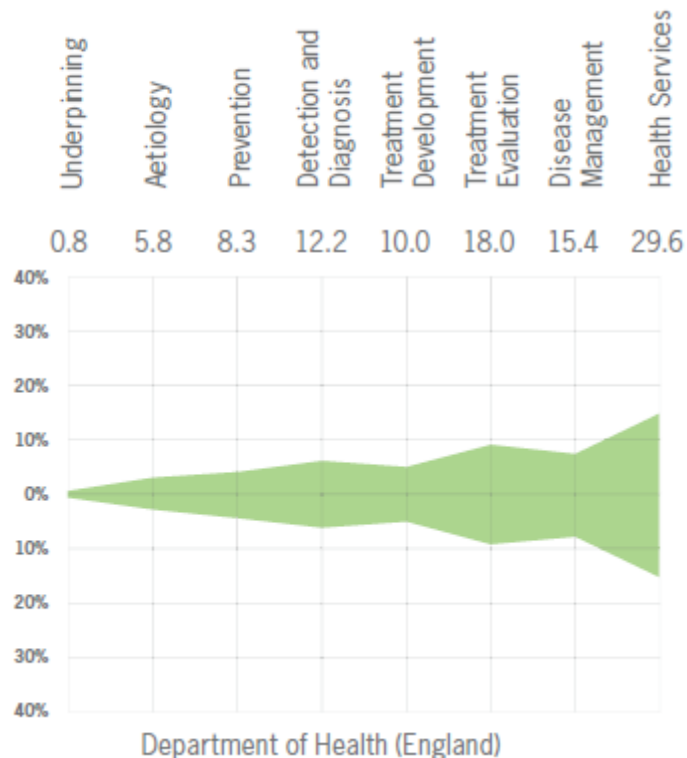
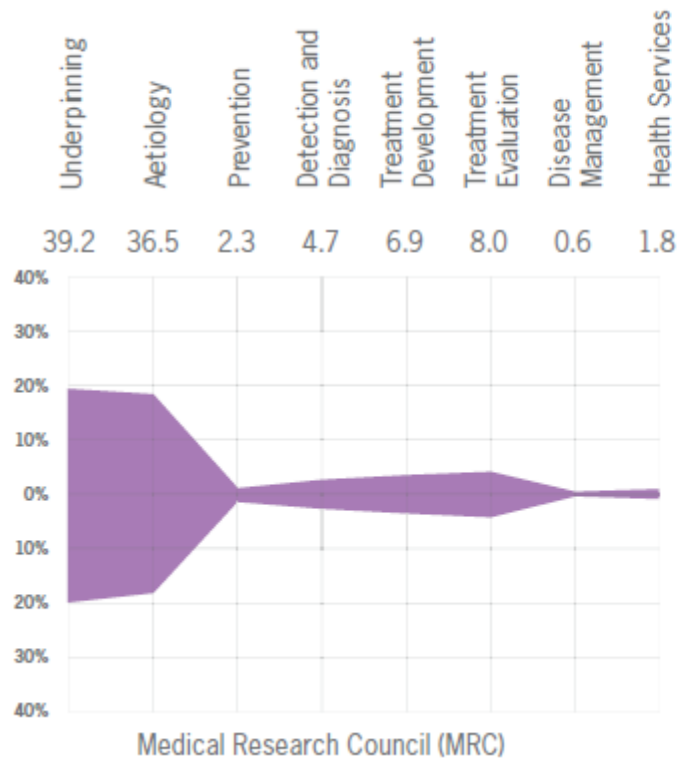
The Cooksey Review - Identified 2 gaps in translation

- Laboratory to Clinical Relevance
- Clinical Findings to Improved Practice



CSO Research Committees

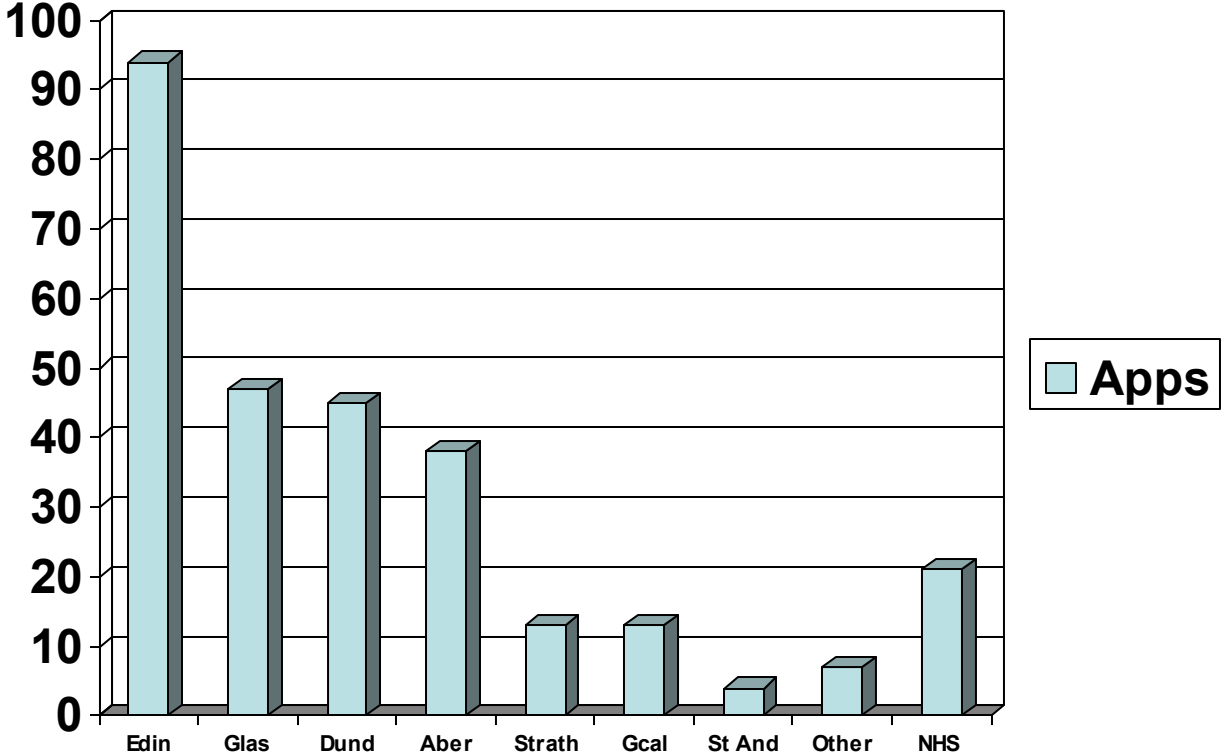
- 2 Committees
- **Experimental and Translational Medicine Research Committee [ETMRC]**
Gap 1 – Translating biological discovery into clinical application
- **Health Services and Population Health Research Committee [HSPRC]**
Gap 2 – Fostering evidence-based healthcare through the translation of knowledge into practice

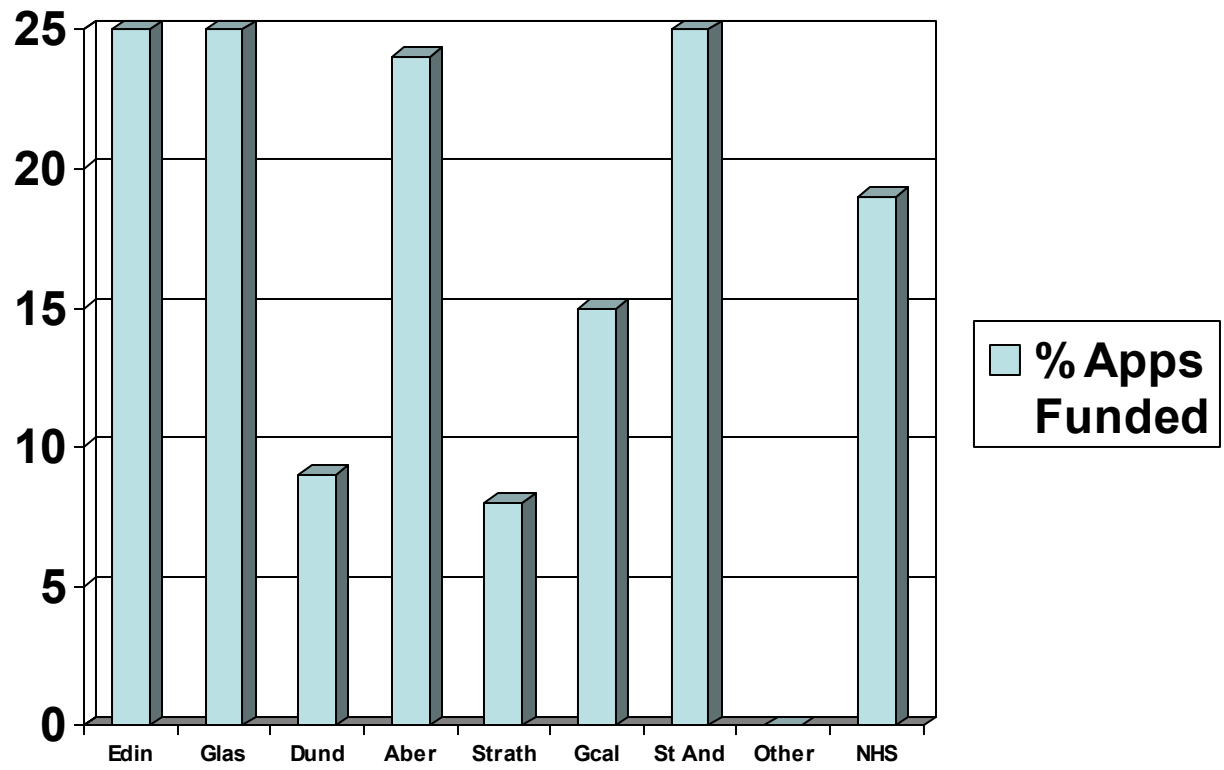


Experimental and Translational Medicine Research Committee [ETMRC]

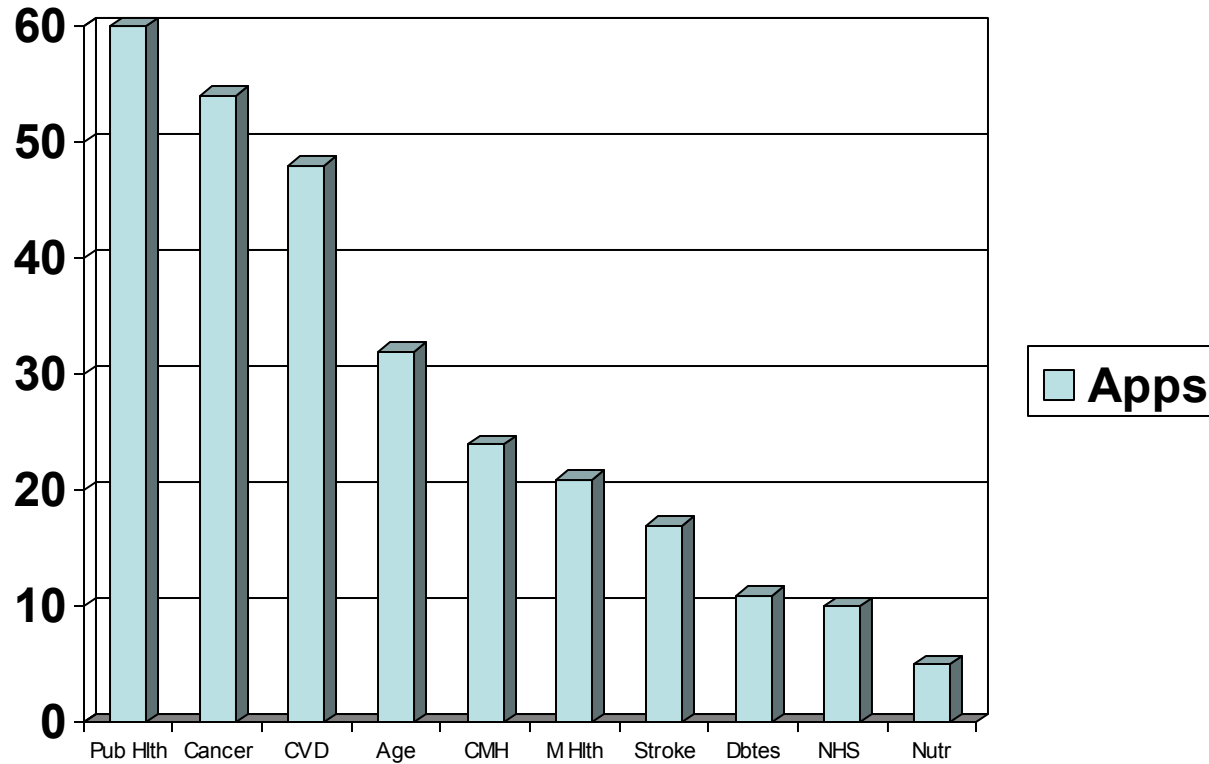
- Replaced CSO's Biomedical and Therapeutic Research Committee
- First meeting February 2010 2 meetings per year
- Applications received to date 375
- Applications Funded 75
- Funding percentage 20%
- Total Funding committed £15 million

Applications to ETMRC by institution

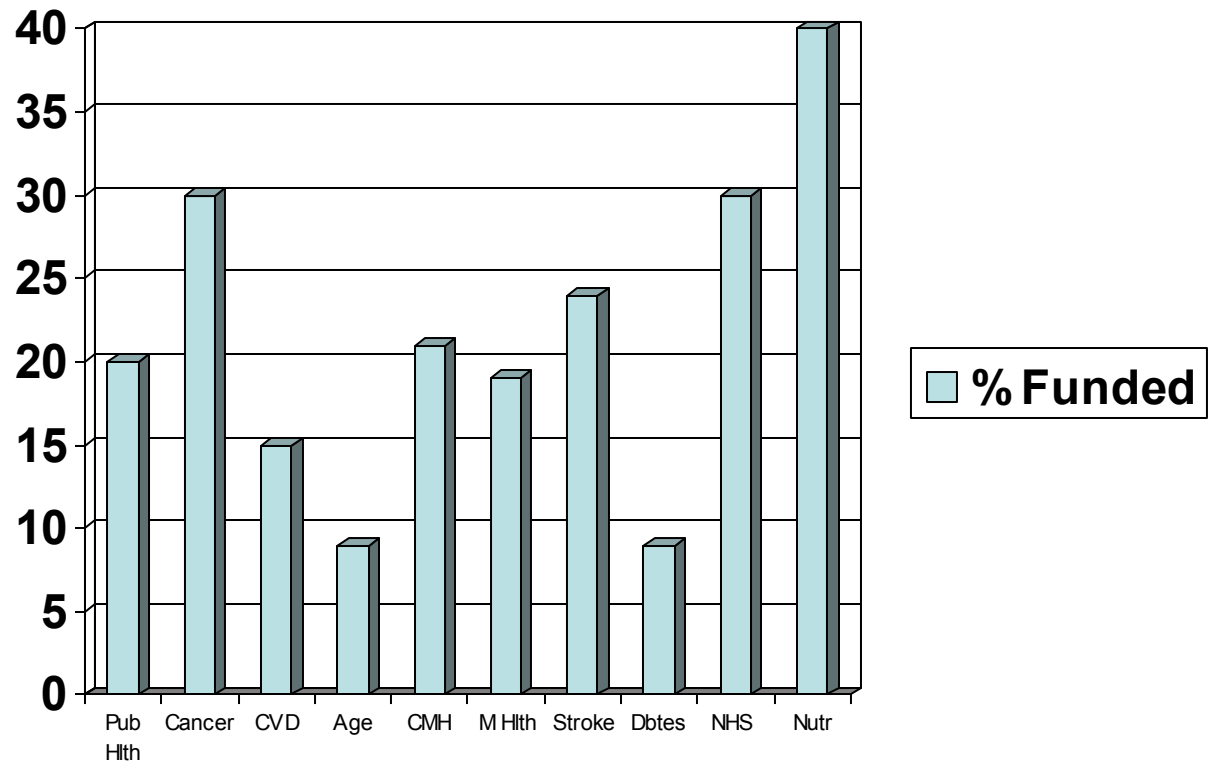


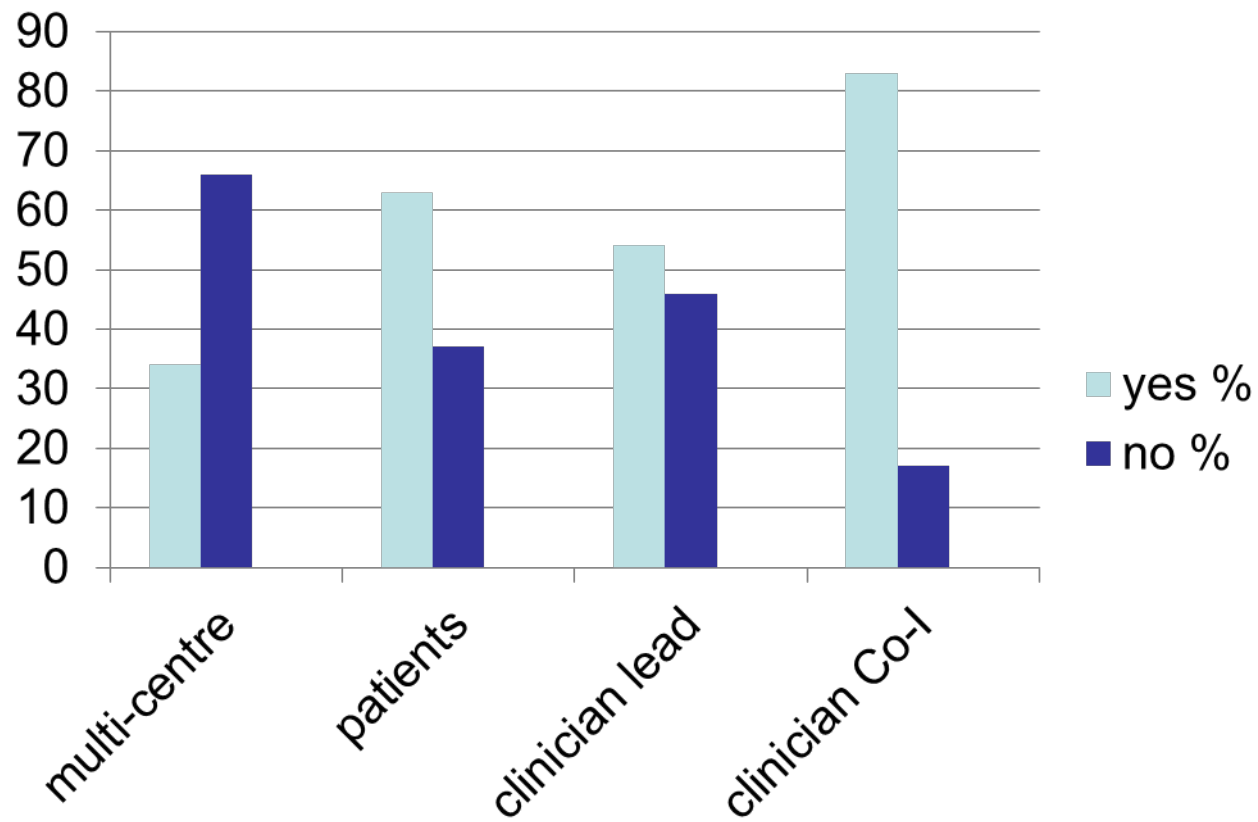


Applications to ETMRC by therapeutic area



Key: CVD – cardiovascular / Age – ageing / CMH – child maternal health
Mhlt h – mental health / Dbtes – diabetes / NHS – NHS need /
Nutr - nutrition





Committee review process

- Submit completed Form 2 [from CSO website]
application deadlines published ~ 1 year in advance
Next deadline 17th July
- Nominate 4-5 external referees – CSO will also identify an equivalent number – asked to score and comment
- External comments will be sent to 3 committee members nominated by CSO to review application

Committee review process

- Pre-meeting [1 month before ETMRC] – committee chair, vice-chair and CSO look at scores / comments
- Proceed to full committee / reject / resubmit
- If proceed – applicants asked to respond to reviewers comments – critical step
- Application spoken to by 3 nominated committee members – full committee then scores application



CSO Research Managers

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tbc – soon!

<http://www.cso.scot.nhs.uk/>