Promoting good reporting practice for reliable and usable research papers: The EQUATOR Network, reporting guidelines and other initiatives

Caroline Struthers
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Disclosure

- Education and Training Manager, UK EQUATOR Centre
- EQUATOR is funded by grants from the UK NIHR, MRC, CSO, and PAHO
- My salary is paid from MRC EQUATOR programme grant
- No paid consultancy for industry
- Member of Cochrane Consumer Network Executive Group and funded to attend international Cochrane Meetings to promote consumer involvement in Cochrane
Caroline Struthers I seriously think there should be a prize for this achievement for all researchers with a clean green sweep in a Cochrane review 😞. Congrats Ashraf Nabhan!
November 12, 2014 at 9:11am - Like - 🌈 3

Ashraf Nabhan Thanks dear Caroline .... and the prize should go to EQUATOR too, the reason behind this clean green sweep 😊
November 12, 2014 at 12:42pm - Edited - Unlike - 🌈 1
Keeping track

- Trials registers and results databases
- Threaded publication linking records, protocols, data and publications
- Auditing adherence

14th April 2015: The WHO issues public statement calling for the disclosure of results from clinical trials for medical products, whatever the result.
In the beginning there was...
The EQUATOR Network

• Launched in June 2008
• Primary goal: to improve reliability and value of medical research literature by promoting good reporting of research which is
  Accurate
  Complete
  Transparent
• Primary focus: leading and supporting initiatives to facilitate the use of Reporting Guidelines
• Supports researchers, editors, peer reviewers (everyone involved in health research and its publication) in responsible publication of research
Finding the right reporting guidelines

271 published reporting guidelines (including extensions)

Over 1000 visitors per day to the website
2015 REWARD | EQUATOR Conference
Increasing value and reducing waste in biomedical research

Confirmed speakers:
Prof Doug Altman | Prof Rustam Al-Shahi Salman
Sir Iain Chalmers | Dr An-Wen Chan | Prof Paul Glasziou
Dr Trish Groves | Prof John Ioannidis | Prof Frank Miedema
Dr David Moher | Prof Andrew Morris | Dr Janet Wisely

Including the EQUATOR Annual Lecture presented by Dr Luis Gabriel Cuervo
Launched by Jamie Hepburn, Minister for Sport Health Improvement and Mental Health, The Scottish Government

We invite health research scientists and clinicians, journal editors and peer reviewers, publishers, regulators, research funders and other professionals involved in research education, research governance and the publication of medical research.

Conference focus
- Findings and recommendations from the REduce research Waste And Reward Diligence (REWARD) group’s Increasing Value, Reducing Waste series published in The Lancet in 2014
- Progress made by researchers, funders, regulators, publishers, industry, and research users against the REWARD recommendations
- Perspectives of key players involved in initiatives to improve research
- Development and endorsement of a consensus statement
- Action plan for accelerating progress against the REWARD recommendations

28-30 September 2015
John McIntyre Centre
18 Holyrood Park Road
Edinburgh, EH16 5AY

Abstract deadline: 31 May
Early bird registration till 5 July

With thanks to our supporters:

http://researchwaste.net/research-waste-equator-conference/
EQUATOR toolkits

- **Authors**
  Information and resources for authors

- **Editors**
  Information and resources for editors and peer reviewers

- **Developers**
  Information and resources for guideline developers

- **Librarians**
  Information and resources for librarians

- **Teachers**
  Information and resources for teachers
EQUATOR campaigns

GoodReports

equator network
EQUATOR tools

Was the research on humans in a clinical or community setting?
- Yes
- No

Is the research a single study?
- Yes
- No

Did the study look at what happens to a group of people after they have been given a therapeutic or preventative treatment, or test?
- Yes
- No

Did the study compare two or more groups selected by random allocation who have either been given a therapeutic or control treatment/placebo or a control treatment?
- Yes
- No

Was the research on live animals (in vivo)?
- Yes
- No

ARRIVE

Is it a review of randomised trials?
- Yes
- No

Was the research done in the laboratory (in vitro)?
- Yes
- No

Link to appropriate library search

Is it a review of non-randomised or observational studies?
- Yes
- No

PRISMA

Did the research look at what happened to a group of people who were exposed to a therapeutic or risk/preventative factor in the past?
- Yes
- No

STROBE

Did the research test a prognostic model?
- Yes
- No

MOOSE

Did the study compare the accuracy of a diagnostic test against the reference standard in two groups of people?
- Yes
- No

STARD

Consort

Work in progress
To be continued...
Research publication is a team effort
Because we do not know enough about side-effects and because we did not find strong evidence of benefit from antibiotics, they should not be routinely used for pregnant women with ruptured membranes prior to labour at term, unless a woman shows signs of infection.

The review of trials found that routine antibiotics for term PROM reduced the risk of infection of the uterus for the pregnant woman.
Obrigado