

# [www.goodreports.org](http://www.goodreports.org): a new online tool from EQUATOR to help find and use reporting guidelines

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*Reporting guidelines such as CONSORT, STARD, PRISMA, and ARRIVE aim to improve the quality of research reports, but all are much less adopted and adhered to than they should be*

Professor Paul Glasziou, *The Lancet* 2014

Reporting guidelines are acknowledged to be a great tool for authors and editors to help reduce research waste by making sure study reports are complete and transparent, so:-

- Knowledge can be used by doctors to improve patient care
- Patients and the public get reliable evidence to make decisions
- Researchers can appraise or replicate methods

## The EQUATOR Network [www.equator-network.org](http://www.equator-network.org)

EQUATOR is an international collaboration dedicated to improving the quality and transparency of health research literature, primarily through promoting the use of reporting checklists such as CONSORT, STROBE, and PRISMA

The screenshot shows the EQUATOR Network website homepage. At the top, the logo for 'equator network' is displayed alongside the tagline 'Enhancing the QUALity and Transparency Of health Research'. To the right, there is a globe icon and the text 'EQUATOR resources in Portuguese | Spanish'. Below the header is a navigation menu with links: Home, Library, Toolkits, Courses & events, News, Blog, Librarian Network, About us, and Contact. A green banner below the menu reads 'Your one-stop-shop for writing and publishing high-impact health research' and lists services: find reporting guidelines | improve your writing | join our courses | run your own training course | enhance your peer review | implement guidelines. The main content area is divided into three sections: 1. 'Library for health research reporting' which describes a searchable database of reporting guidelines and lists categories like 'Randomised trials', 'Observational studies', 'Systematic reviews', etc. 2. 'Reporting guidelines for main study types' which lists specific guidelines such as CONSORT, STROBE, PRISMA, CARE, SRQR, STARD, SQUIRE, CHEERS, ARRIVE, SPIRIT, AGREE, and their respective extensions or other resources. 3. 'Possible strategies' which is a diagram showing various reporting strategies with icons for 'Open data', 'Pre-registration', 'Collaboration', 'Automation', 'Open methods', 'Post-publication review', and 'Reporting guidelines'. At the bottom of the screenshot, there are three small black dots indicating a carousel or pagination.

The EQUATOR Network was established in 2006 by Doug Altman and colleagues to help coordinate the efforts to improve the quality and reporting of health research. EQUATOR bring together tools and resources to facilitate good reporting in one place, including a comprehensive database of reporting guidelines for all types of health research.

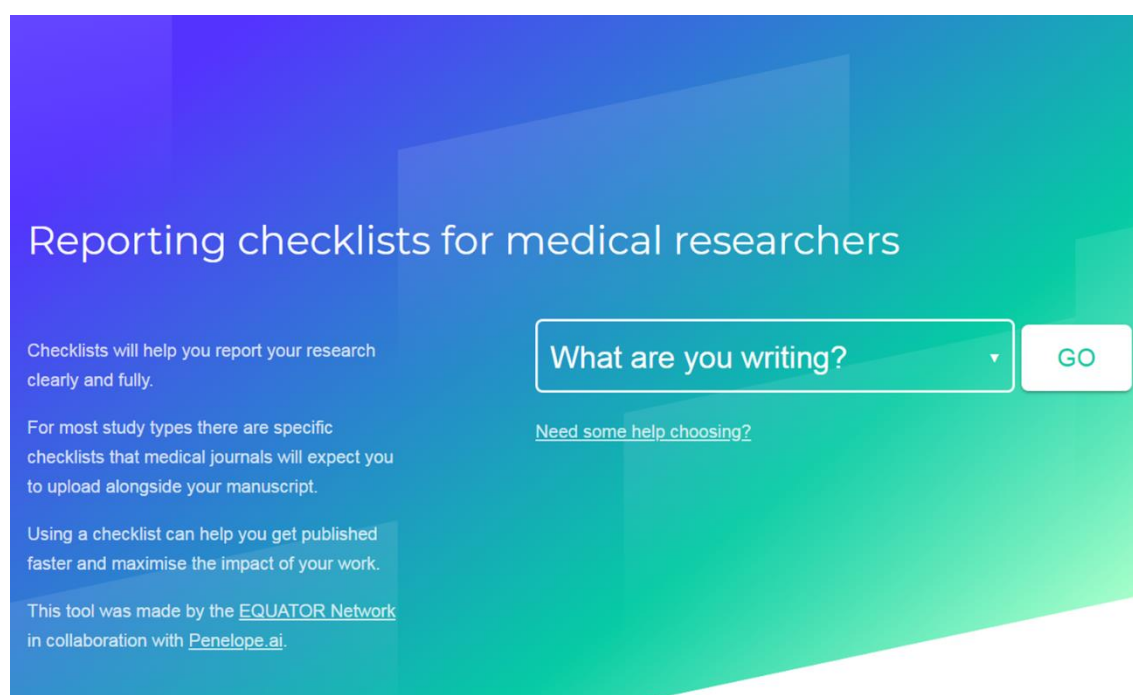
*It is difficult for me to think of any other single initiative on research methodology that has had a similar broad impact on research as EQUATOR*

Professor John Ioannidis

There have been numerous articles and commentaries over the years in appreciation of EQUATOR and what we're trying to do to improve the conduct and reporting of research. But tangible improvements have been modest and slow.

## The GoodReports project [www.GoodReports.org](http://www.GoodReports.org)

In January 2018 the UK EQUATOR Centre launched a website called [www.GoodReports.org](http://www.GoodReports.org) to make it easier for authors to find and complete key reporting checklists. We put sixteen of the most commonly used reporting checklists in one place and secured copyright licenses when necessary for free online access



The GoodReports tool includes:

- A reporting guideline finder “wizard” leading to a recommendation of an appropriate reporting guideline
- A link to an online (and downloadable) version of the reporting checklist
- A validation tool and clear instructions to encourage completion, referencing and submission of a reporting checklist with a manuscript
- Links from checklist items to explanations and examples of good reporting

## The *BMJ Open* pilot study

In February 2018 we began a pilot of the GoodReports tool with *BMJ Open* in collaboration with James Harwood developer of Penelope.ai. Penelope is an automatic manuscript checker which can be customised for any journal's





We also asked users who rated the usefulness of GoodReports at 7 or less why they gave it a lower rating.

A selection of suggestions on how we could improve the tool were:

- every item should be assessed by scores, telling the users which is very important.
- Give an example for each "subheading".
- To make it more understood by non-native English speakers



These are changes we could deliver fairly easily in future versions of GoodReports

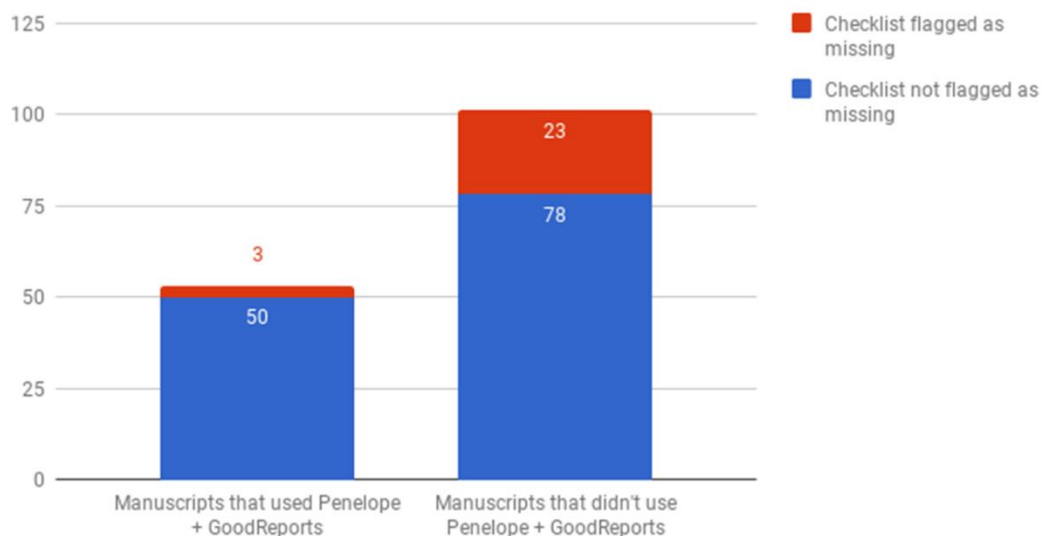
## Accuracy of the "wizard"

We assessed a sample of manuscripts submitted to Penelope in April and we agreed with the checklist recommendation made by the "wizard" in 81% of papers (n=58). We agreed with the conclusion that there was not suitable checklist in 79% of cases (n=19)

## BMJ Open data

On 31 May, we received data about manuscripts submitted to from BMJ Open over a six day period in May and found that authors that had used Penelope were more likely to include a checklist with their submission to the journal.

Authors that used Penelope + GoodReports were more likely to include a reporting checklist



We will measure improvement in reporting by comparing the manuscripts submitted to Penelope with the version subsequently submitted to the journal.

## The Future for [www.GoodReports.org](http://www.GoodReports.org)

*It is easy for a journal to say we want you to adhere to CONSORT or STROBE etc., but it is a lot of work to ensure that authors actually do that, even those publishing in the top medical journals.*

[Interview with Doug Altman, March 2018](#)

### Where next for GoodReports.org?

[More guidelines](#)

[More examples](#)

[User feedback on items](#)

[Simplify](#)

[Plain language](#)

[Translations](#)

[Hybrids](#)

[Article templates](#)

We are hopeful that scaling up and developing GoodReports to include more reporting guidelines, and more sophisticated software to enable user feedback and the facility to combine more than one reporting guideline and create article templates will show that integrating reporting guidelines into journal publishing policy and submission systems is effective in saving journal editors the considerable time and effort required to ensure authors find and adhere to reporting guidelines.