Scientific Writing Course
October 31- November 4, 2022

CONSORT, STROBE, COREQ...

Guidelines to enhance tranparency, scientific rigor and reproducibility

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advancing health worldwide™

Reporting guidelines: what & why?

- Structured tool or checklist to support authors in rigorous reporting of research
- Goals:
 - Improve reliability of research
 - Promote complete, transparent & accurate reporting
 - Support critical review / interpretation
- Bonus increased awareness of quality reporting = increased scientific rigor

From title through conclusion

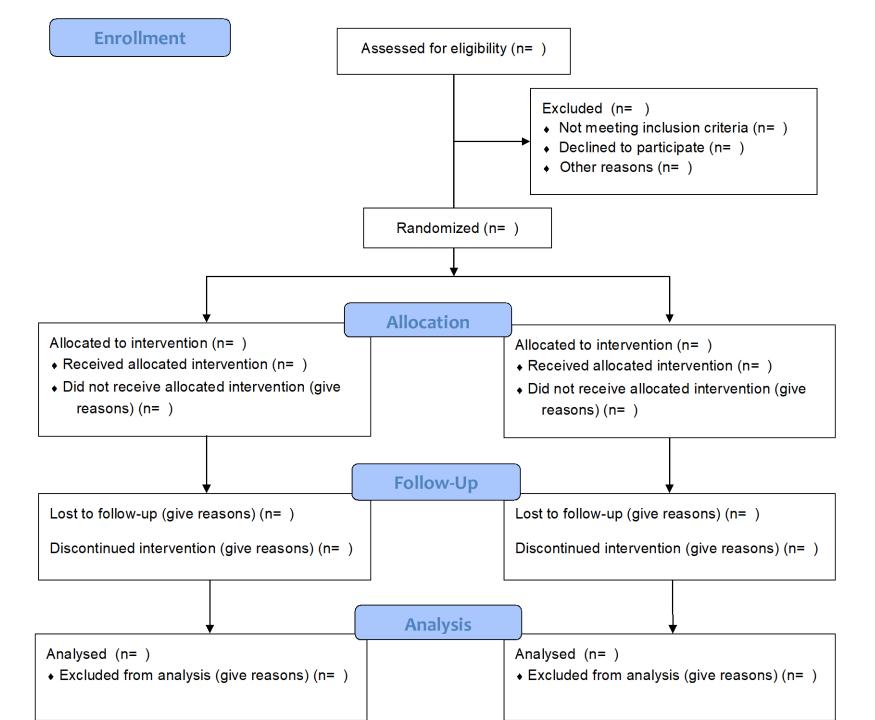
- Consort 1a. Title = "Identification as a randomised trial in the title"
- Strobe 1a. Title = "Indicate the study's design with a commonly used term in the title or the abstract"
- "Smoking reduction with oral nicotine inhalers: a double blind, randomised clinical trial of efficacy and safety."
 - Helpful for electronic indexing → easier for readers to search/find

Key examples

- CONSORT
 - Consolidated Standards of Reporting Trials
 - https://www.consort-statement.org/
- STROBE
 - Strengthening the Reporting of Observational Studies in Epidemiology
 - https://www.strobe-statement.org/
- COREQ / SRQR
 - Consolidated criteria for reporting qualitative research
 - https://www.equator-network.org/reportingguidelines/coreq/
 - Standards for reporting qualitative research
 - https://www.equator-network.org/reporting-guidelines/srqr/
- Equator network (<u>E</u>nhancing the <u>QUA</u>lity and <u>T</u>ransparency <u>O</u>f health <u>R</u>esearch)
 - https://www.equator-network.org/reporting-guidelines/

CONSORT

- For RCTs, used as a model for STROBE and others
- Flow diagram clear picture of study population from eligibility screeing through follow-up
 - Mistakes happen, people drop out transparent reporting to facilitate interpretation / potential biases



STROBE

- STrengthening the Reporting of OBservational studies in Epidemiology
- Checklists for cohort, case-control, and crosssectional studies
- https://www.strobe-statement.org/