Table of contents

Table 1: Studies that collected quantitative data to explore researcher’s experiences of reporting guidelines

| **Citation** | **Title** | **Guidelines studied** | **Sample geographics** | **Sample size** | **Quantitative or mixed methods** |
| --- | --- | --- | --- | --- | --- |
| Brouwers et al. 2016 [1] | The AGREE Reporting Checklist: a tool to improve reporting of clinical practice guidelines | AGREE Reporting Checklist | Not reported | 15 | Quantitative |
| Burford, Welch, Waters et al., 2013 [2] | Testing the PRISMA-Equity 2012 reporting guideline: the perspectives of systematic review authors | PRISMA-Equity Checklist items embedded into survey | Not reported | 151 | Mixed methods |
| Davies, Donnelly, Goodman, Ogrinc 2016 [3] | Findings from a novel approach to publication guideline revision: user road testing of a draft version of SQUIRE 2.0 | SQUIRE Guidelines, which are presented as a checklist | Not reported but invited participants were from USA, UK Lebanon, Sweden. | 44 | Mixed methods |
| Dewey, Levine, Bossuyt et al., 2019 [4] | Impact and perceived value of journal reporting guidelines among Radiology authors and reviewers | CONSORT, STROBE, PRISMA, STARD checklists | USA, Canada, China, South Korea, Japan, Germany, France , Italy, UK, Other European countries, Middle East, Latin America and ‘Other’. | 831 | Mixed methods |
| Eysenbach, 2013 [5] | CONSORT-EHEALTH: Implementation of a Checklist for Authors and editors to improve reporting of web-based and mobile randomized controlled trials | CONSORT-Ehealth checklist | Not reported | 61 | Mixed methods |
| Fang, Xi, Liu et al. 2016 [6] | A survey on awareness of the ARRIVE Guideline and GSPC in researchers field in animal experiments field in Lanzhou City | ARRIVE Guidelines and Gold Standard Publication Checklist | China | 287 | Quantitative |
| Fuller, Pearson, Peters, Anderson, 2015 [7] | What affects authors’ and editors’ use of reporting guidelines? Findings from an online survey and qualitative interviews | TREND and reporting guidelines in general | Predominantly North America | 56 | Mixed methods |
| Giray et al. 2020 [8] | Assessment of the knowledge and awareness of a sample of young researcher physicians on reporting guidelines and the EQUATOR network: A single center cross-sectional study | CONSORT, PRISMA, CARE, GRASS, STARD, STROBE, ARRIVE, SAMPL guidelines | Turkey | 100 | Quantitative |
| Guo, Qi, Yang et al., 2018 [9] | Recognition status of quality assessment and standards for reporting randomized controlled trials of traditional Chinese medicine researchers | CONSORT Statement, STRICTA guidelines and CONSORT extension for Traditional Chinese Medicine | China | 180 | Quantitative |
| Korevaar, Cohen, Reitsma, et al, 2016 [10] | Updating standards for reporting diagnostic accuracy: the development of STARD 2015 | STARD checklist | Not reported for quantitative survey | 12 | Mixed methods |
| Ma et al. 2017 [11] | Survey of basic medical researchers on the awareness of animal experimental designs and reporting standards in China | ARRIVE guidelines and Gold Standard Publication Checklist | China | 266 | Quantitative |
| Macleod, Collings, Graf et al. 2021 [12] | The MDAR (Materials Design Analysis Reporting) Framework for transparent reporting in the life sciences | MDAR checklist | USA, China, Japan, Germany, Other EU, ‘Other’ | 211 | Mixed methods |
| McDonough et al. 2011 [13] | Familiarity of non-industry authors with good publication practice and clinical data reporting guidelines | CONSORT guidelines | USA, UK, Canada, South Africa, Israel, China | 23 | Quantitative |
| Öncel et al. 2018 [14] | Knowledge and awareness of optimal use of reporting guidelines in paediatricians: A cross-sectional study | CONSORT guidelines, STROBE, PRISMA, CARE, SRQR, STARD, SQUIRE, CHEERS, SPIRIT, ARRIVE, TREND, STREGA, the Conference on Guideline Standardization (COGS), Outbreak Reports and Intervention Studies Of Nosocomial infection (ORION) | Turkey | 244 | Quantitative |
| Page, McKenzie, Bossuyt et al. 2021 [15] | Updating guidance for reporting systematic reviews: development of the PRISMA 2020 statement | PRISMA statement | Not reported | 110 | Mixed methods |
| Prady & MacPherson 2007 [16] | Assessing the Utility of the Standards for Reporting Trials of Acupuncture (STRICTA): A survey of authors | STRICTA | Not reported | 28 | Mixed methods |
| Prager, Gannon, Bowdridge et al. 2021 [17] | Barriers to reporting guideline adherence in point-of care ultrasound research: a cross- sectional survey of authors and journal editors | STARD | Not reported | 18 | Mixed methods |
| Phillips et al 2015 [18] | Pilot testing of the Guideline for Reporting of Evidence-Based Practice Educational Interventions and Teaching (GREET) | GREET checklist and E&E | Not reported | 31 | Quantitative |
| Rader, Mann, Stransfield et al., 2014 [19] | Methods for documenting systematic review searches: a discussion of common issues | PRISMA statement | Not reported | 263 | Mixed methods |
| Sharp, Glonti, Hren, 2020 [20] | Using the STROBE statement: survey ﬁndings emphasized the role of journals in enforcing reporting guidelines | STROBE statement | The full survey was answered by participants in Africa, Asia, Europe, North and South America, Middle East, and Pacific Region. It is unclear who answered the free text question. | 1015 | Mixed methods |
| Struthers, Harwood, de Beyer et al., 2021 [21] | GoodReports: developing a website to help health researchers find and use reporting guidelines | Reporting guidelines in general | Not reported | 274 | Mixed methods |
| Tam, Tang, Woo, Goh 2019 [22] | Perception of the Preferred Reporting Items for Systematic Reviews and Meta Analyses (PRISMA) statement of authors publishing reviews in nursing journals: a cross-sectional online survey | PRISMA statement | Not reported | 230 | Mixed methods |

1. Brouwers MC, Kerkvliet K, Spithoff K, Consortium ANS (2016) [The AGREE Reporting Checklist: A tool to improve reporting of clinical practice guidelines](https://doi.org/10.1136/bmj.i1152). BMJ 352:i1152

2. Burford BJ, Welch V, Waters E, Tugwell P, Moher D, O’Neill J, Koehlmoos T, Petticrew M (2013) Testing the PRISMA-Equity 2012 reporting guideline: The perspectives of systematic review authors. PloS one 8:e75122

3. Davies L, Donnelly KZ, Goodman DJ, Ogrinc G (2016) [Findings from a novel approach to publication guideline revision: User road testing of a draft version of SQUIRE 2.0](https://doi.org/10.1136/bmjqs-2015-004117). BMJ quality & safety 25:265–272

4. Dewey M, Levine D, Bossuyt PM, Kressel HY (2019) [Impact and perceived value of journal reporting guidelines among Radiology authors and reviewers](https://doi.org/10.1007/s00330-018-5980-3). European Radiology 29:3986–3995

5. Eysenbach G. (2013) CONSORT-EHEALTH: Implementation of a checklist for authors and editors to improve reporting of web-based and mobile randomized controlled trials. Studies in health technology and informatics 192:657–661

6. Fang Z.-P., Leng X., Liu Y.-L., Liu W.-B., Hu W.-J., Zhang Z.-J., Ma B., Li D.-M. (2015) A survey on awareness of the ARRIVE guideline and GSPC in researchers field in animal experiments field in Lanzhou city. Chinese Journal of Evidence-Based Medicine 15:797–801

7. Fuller T, Pearson M, Peters J, Anderson R (2015) [What affects authors’ and editors’ use of reporting guidelines? Findings from an online survey and qualitative interviews.](https://doi.org/10.1371/journal.pone.0121585) PLoS ONE 10:e0121585

8. Gi̇ray E, Coskun OK, Karacaatli M, Gunduz OH, Yagci İ (2020) [Assessment of the knowledge and awareness of a sample of young researcher physicians on reporting guidelines and the EQUATOR network: A single center cross-sectional study](https://doi.org/10.5472/marumj.682337). Marmara Medical Journal 33:1–6

9. Guo S, Qi S, Yang L, Wang X, Zhu Q, Meng X, Zeng Y, Institute M and A of, China SMC of A (2018) Recognition status of quality assessment and standards for reporting randomized controlled trials of traditional Chinese medicine researchers. China Journal of Traditional Chinese Medicine and Pharmacy 1077–1081

10. Korevaar DA, Cohen JF, Reitsma JB, et al (2016) Updating standards for reporting diagnostic accuracy: The development of STARD 2015. Research integrity and peer review 1:7

11. Ma B, Xu J, Wu W, Liu H, Kou C, Liu N, Zhao L (2017) [Survey of basic medical researchers on the awareness of animal experimental designs and reporting standards in China](https://doi.org/10.1371/journal.pone.0174530). PLoS ONE 12:e0174530

12. Macleod M, Collings AM, Graf C, Kiermer V, Mellor D, Swaminathan S, Sweet D, Vinson V (2021) [The MDAR (Materials Design Analysis Reporting) Framework for transparent reporting in the life sciences](https://doi.org/10.1073/pnas.2103238118). Proceedings of the National Academy of Sciences 118:e2103238118

13. McDonough J., O’Dunne A., B. C, Margerum B., Sutton D. (2011) Familiarity of non-industry authors with good publication practice and clinical data reporting guidelines. Current Medical Research and Opinion 27:S9

14. Karadağ Öncel E, Başaranoğlu ST, Aykaç K, Kömürlüoğlu A, Akman AÖ, Kıran S (2018) [Knowledge and awareness of optimal use of reporting guidelines in paediatricians: A cross-sectional study](https://doi.org/10.5152/TurkPediatriArs.2018.6167). Turk Pediatri Arsivi 53:163–168

15. Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, Shamseer L, Tetzlaff JM, Moher D (2021) [Updating guidance for reporting systematic reviews: Development of the PRISMA 2020 statement](https://doi.org/10.1016/j.jclinepi.2021.02.003). Journal of Clinical Epidemiology 134:103–112

16. Prady SL, MacPherson H (2007) [Assessing the utility of the standards for reporting trials of acupuncture (STRICTA): A survey of authors](https://doi.org/10.1089/acm.2007.7186). The Journal of Alternative and Complementary Medicine 13:939–943

17. Prager R, Gagnon L, Bowdridge J, Unni RR, McGrath TA, Cobey K, Bossuyt PM, McInnes MDF (2021) [Barriers to reporting guideline adherence in point-of-care ultrasound research: A cross-sectional survey of authors and journal editors](https://doi.org/10.1136/bmjebm-2020-111604). BMJ Evidence-Based Medicine bmjebm-2020-111604

18. Phillips A., Lewis L.K., McEvoy M.P., Galipeau J., Glasziou P., Moher D., Tilson J.K., Williams M.T. (2015) Pilot testing of the guideline for reporting of evidence-based practice educational interventions and teaching (greet). Physiotherapy (United Kingdom) 101:eS1203–eS1204

19. Rader T., Mann M., Stansfield C., Cooper C., Sampson M. (2014) Methods for documenting systematic review searches: A discussion of common issues. Research synthesis methods 5:98–115

20. Sharp MK, Bertizzolo L, Rius R, Wager E, Gómez G, Hren D (2019) [Using the STROBE statement: Survey findings emphasized the role of journals in enforcing reporting guidelines](https://doi.org/10.1016/j.jclinepi.2019.07.019). Journal of Clinical Epidemiology 116:26–35

21. Struthers C, Harwood J, de Beyer JA, Dhiman P, Logullo P, Schlüssel M (2021) [GoodReports: Developing a website to help health researchers find and use reporting guidelines](https://doi.org/10.1186/s12874-021-01402-x). BMC medical research methodology 21:217

22. Tam WWS, Tang A, Woo B, Goh SYS (2019) [Perception of the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) statement of authors publishing reviews in nursing journals: A cross-sectional online survey](https://doi.org/10.1136/bmjopen-2018-026271). BMJ Open 9:e026271