

Cheklists, part III: STROBE and ARRIVE [Pautas de chequeo, parte III: STROBE y ARRIVE]

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Controlled clinical trials are the ultimate design of evidence-based medicine. However, they are the end of a long journey that begins with questions or hypotheses that arise from other types of designs. Some of the designs found in this way are analytical observational studies and experimental studies in animals. To reach a good quality standard by these types of designs, they are required to comply with minimum standards in his report, for this is that they have designed the STROBE and ARRIVE checklists respectively. The STROBE checklist was developed in 2004 based on the CONSORT experience, in order to facilitate the reporting of observational studies, includes 22 items grouped into 6 domains (title / abstract, introduction, methods, results, discussion and other information). The ARRIVE checklist began developing in 2009, to be finally published in 2010, includes 20 items, which are grouped as 5 domain (title / abstract, introduction, methods, results and discussion). Using these checklists has led to improved quality report these types of designs. However the methodological quality of many studies remains suboptimal, so it also requires other strategies for overall improvement of this construct. This third article in the series describes both checklists for use by the authors of the REVISTA CHILENA DE CIRUGÍA, in order to achieve an improvement of its items in a simple and efficient way. © 2016 Sociedad de Cirujanos de Chile

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Methodological quality

Observational studies

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checklist

human

observational study