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Título	ANALYSIS AND COMPARISON OF NATIONAL AND INTERNATIONAL GUIDELINES ON THE DIAGNOSIS AND MANAGEMENT OF ENDOMETRIOSIS: A SYSTEMATIC REVIEW
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Título do trabalho: Analysis and Comparison of National and International Guidelines on the Diagnosis and Management of Endometriosis: A Systematic Review

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Background: Several guidelines for the diagnosis and management of endometriosis have been developed by a number of national and international bodies, but there remains a lack of consensus about its best management. A systematic review from 2006 assessed the quality of guidelines for the management of pelvic pain associated with endometriosis and concluded that the guidelines do not comply with the recommendations for high-quality standards. To date no comparison of the contents of endometriosis guidelines frequently used on an international scale exists. **Objectives:** The aim of this descriptive analytical systematic review is to assess the quality and variation among national and international guidelines on diagnosis and management of endometriosis across various countries. **Search strategy:** A systematic search of the literature was conducted using the Embase, Google Scholar, Medline and Pubmed databases to identify national and international guidelines on diagnosis and treatment of endometriosis. Then, through a Google search, we looked for national endometriosis guidelines among the ten countries which have the biggest population in the world and in Europe. We also searched specifically for national guidelines from the UK, Australia and New Zealand. **Selection criteria:** The studies were selected if they met the following inclusion criteria – [1] type of publication: guideline or consensus statement produced by national or international professional organisations and societies or governmental agencies; [2] subject: diagnosis and management of endometriosis; [3] language: English; the most updated guidelines. No other restrictions were applied. **Data collection and analysis:** Four independent authors evaluated guideline quality using the Appraisal of Guidelines Research & Evaluation (AGREE) II validated instrument. The study characteristics, the recommendations on diagnosis and management of endometriosis and the evidence used were summarized in tabular form and presented within summary tables. **Main results:** We included a total of seven guidelines/consensus statements on diagnosis and management of endometriosis for analysis: ACCEPT, ACOG, CNGOF, ESHRE, NGG, SOGC and WES. Our findings show that there is wide variation on the recommendations concerning both diagnosis, mainly for mild to moderate disease, and medical and surgical management for severe disease. There is little evidence to support any recommendations for the diagnosis section in general and for the management of severe endometriosis. The AGREE II instrument quality scores were the following: scope and purpose, 63% (range 1–96%); stakeholder involvement, 44% (range 0–75%); rigour of development, 48% (range 8–88%); clarity of presentation, 78% (range 39–97%); applicability, 13% (range 2–46%) and editorial independence, 23% (range 0–83%). **Conclusion:** We concluded that there is wide variation between the guidelines from different countries. The main variations are on the diagnosis of mild to moderate disease and the medical and surgical management of severe endometriosis. One of the factors that influenced this variation was the scarce good quality evidence presented by the guideline in this areas. Guidelines on the diagnosis and management of endometriosis presented wide variation on quality assessment and generally do not comply with the recommendations for high-quality standards.