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 The combination of LMWH (Low-Molecular-Weight Heparin) and Aspirin as a prophylaxis treatment for pre-eclampsia and SGA (Small-for-Gestational Age) neonates in medium- and high-risk women: protocol for a Systematic Review and Meta-Analysis.

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Keywords: weight heparin, aspirin, prophylaxis treatment, systematic review, gestational age



The combination of LMWH (Low M...

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Registration: Our protocol was registered with the International Prospective Register of Systematic Reviews (PROSPERO).

PROSPERO Registration number: CRD42020148500

This protocol is drafted based on the updated Preferred Reporting Items in Systematic Reviews and Meta Analyses (PRISMA) guidelines(1).

Keywords: pregnancy; high-risk pregnancy; pre-eclampsia; preeclampsia; aspirin; acetylsalicylic acid; 2-acetoxybenzoic acid; heparin; low-molecular-weight heparin; LMWH; intrauterine growth restriction; IUGR; fetal growth restriction; small for gestational age; SGA; neonates; adverse events; perinatal mortality; systematic review; meta-analysis

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Author contributions: C-GK, GM and DG drafted the manuscript. C-GK, GM and DG contributed to the development of the selection criteria, the risk of bias assessment strategy and data extraction criteria. C-GK developed the search strategy. GM provided expertise on neonatology field. C-GK provided expertise on the field of obstetrics-gynaecology. All authors read, provided feedback and approved the final manuscript.

Amendments: In the event of amendments in the protocol, the date of each amendment will be accompanied by an explanation of the alterations and the relevant rationale.

Version 1.0 12.02.2020

Version 2.0 10.06.2020

- Changes in the inclusion criteria: studies that only include the secondary outcomes and not the primary ones will not be excluded. Case-control studies will be excluded.
- Changes concerning the tools used for the assessment of the risk of bias.
- Appendix 4 added.

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