

# Self-Reported Adherence to the Use of Clinical Practice Guidelines of Hypertensive Disorders of Pregnancy in Jordanian Hospitals

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## Abstract

**Rationale, aims & objectives:** Hypertensive Disorders of Pregnancy (HDP) represents a life-threatening event for women and their families. A number of national and international Clinical Practice Guidelines (CPGs) of HDP have been published, however, their use in clinical practice is still not well documented as it is complex. Suboptimal adherence to CPGs may lead to unfavorable maternal and perinatal outcomes. The purpose of this study is to assess the level of adherence of Healthcare Providers (HCPs) including obstetricians, nurses, and midwives to the HDP CPG based on Health System Strengthening (HSS II) recommendations in Jordan. **Methods:** A cross-sectional study design is used. 270 HCPs are recruited from different health-care sectors that provide maternal health care services to women who are at risk of developing HDP. Data is collected through a self-reported questionnaire. **Results:** HCPs showed a suboptimal adherence to evidence-based recommendations of HDP's guidelines; particularly in the antepartum and postpartum period. Nurses and midwives reported a low adherence rate to antepartum and postpartum recommendations, whereas obstetricians reported low adherence rate to antepartum recommendations of HDP's guidelines. **Conclusion:** The results of this study can be used by guideline developers to raise the acceptance and applicability of the guideline recommendations. Moreover, it may help healthcare stakeholders and policymakers in designing tailored strategies to ensure successful and sustainable guideline adoption and its implementation in evidence-based maternity care. Also it may be utilized to overcome the barriers in implementing the guidelines.

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