

# Knowledge regarding the development and acceptability of male contraceptives among Jordanian pharmacists: A Mixed sequential Method

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## Abstract

**Rationale, aims, and objectives** Community pharmacists have a crucial role in providing comprehensive patient education regarding contraception methods. This study aims to investigate Jordanian pharmacists' knowledge and perception towards male OCPs. **Methods** A mixed-explanatory sequential method was divided into two phases. The first was a self-administered electronic survey to community pharmacists/trainees in Jordan. The second phase was carried out through online semi-structured in-depth interviews targeting the maximum variation purposive sample of community pharmacists. **Results** A total of 158 (response rate 98%) questionnaires were included in the analysis. The majority of the participants were female (n=118, 74.2%). In terms of knowledge, only 25% of participants acknowledged the presence of male OCPs and almost half were uncertain about the mechanism of action and the possible uses. The findings of the interviews confirmed the relatively negative perception towards males OCPs. As, the identified barriers to male OCPs were cultural norms, side effects, and poor compliance. **Conclusion** There is a negative perception towards male OCPs, as the majority of pharmacists believe such products will not be successful in Jordan. Once these pills are approved for their effectiveness and safety, men may need further education and encouragement to take an active role in family planning along with their partners.

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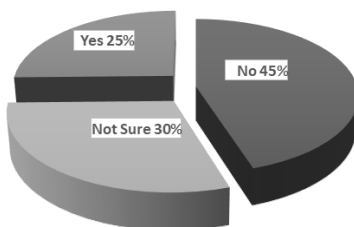


Figure 1. The percentage of Community Pharmacists who acknowledged the possible presence of males OCPs (n=158).

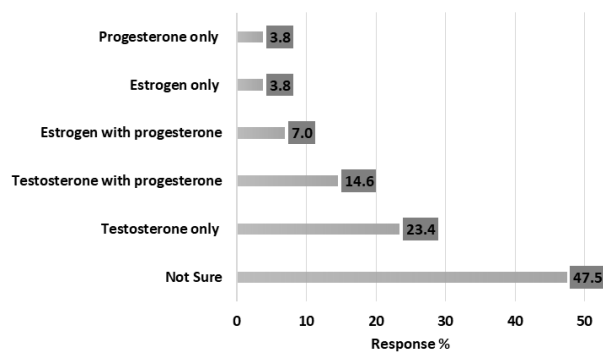


Figure 2. Community Pharmacists' knowledge about the possible active ingredients of males OCPs (n=158).

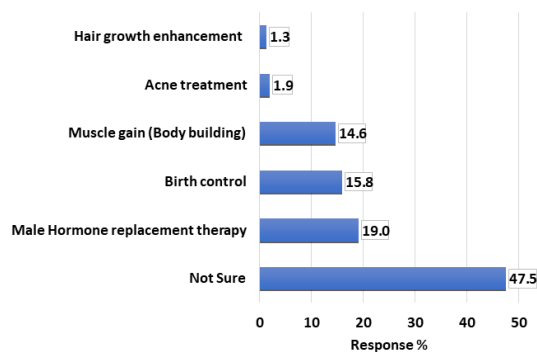


Figure 3. Community Pharmacists' perception and knowledge about the possible uses of males OCPs (n=158).

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Table Male OCP.docx available at <https://authorea.com/users/321626/articles/709938-knowledge-regarding-the-development-and-acceptability-of-male-contraceptives-among-jordanian-pharmacists-a-mixed-sequential-method>