

## Involvement of Community Pharmacists in Public Health Services in Asir Region, Saudi Arabia: A Cross-Sectional Study

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**Abstract :** Background: Community pharmacists are one of the most accessible healthcare practitioners worldwide and their services are used by a large proportion of the population. Expanding the roles of community pharmacists could contribute to reducing pressure on general health practice and other areas of health services. This research aimed to evaluate the contribution of community pharmacists in the provision of public health services and to investigate the perceived barriers to the provision of these services in Saudi Arabia. Materials and Methods: This study followed a cross-sectional design using an online anonymous self-administered questionnaire. The study took place in the Asir region, Saudi Arabia, between September 2019 and February 2020. A convenience sampling strategy was used to select and recruit the study participants. The questionnaire was adapted from previous research and involved three sections: demographics, involvement in public health services and barriers to practicing public health roles. Results: The total number of respondents was 193. The proportion of respondents who reported that they were “very involved” or “involved” in each service was 61.7% for weight management, 60.6% for sexual health, 57.5% for healthy eating, 53.4% for physical activity promotion, 51.3% for dental health, 46.1% for smoking cessation, 39.4% for screening for diabetes, 35.7% for screening for hypertension, 31.1% for alcohol dependence and drug misuse counseling, 30.6% for screening for dyslipidaemia, and 21.8% for vaccination and immunization. Most of the barriers in the current research were rated as having low relevance to the provision of public health services. Conclusion: Findings in the current research suggest that community pharmacists in the Asir region have varying levels of involvement in public health roles. Further research needs to be undertaken to understand the barriers to the provision of public health services and what strategies would be beneficial for enhancing the public health role of community pharmacists in Saudi Arabia.

**Keywords :** community pharmacist, public health, Asir region, Saudi Arabia

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