

【Abstract】

Patients' Perception in Japan Regarding the Appropriate Use of Antimicrobial Drugs: A Questionnaire Survey

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This study sought to investigate the actual status of awareness regarding the appropriate use of antimicrobial drugs among patients of a wide age range who visit dispensing pharmacies in order to explore more effective intervention methods for improving awareness of the appropriate use of antimicrobial drugs for patients. A questionnaire survey was conducted with 1301 patients who visited different Tsuruha Holdings-operated pharmacies between 1 September 2018 and 31 October 2018. Using multiple regression analysis, we calculated scores based on the patients' answers regarding their knowledge of antimicrobial drugs and antimicrobial resistance and examined factors related to these scores. Of the 1185 respondents who successfully completed the survey (mean age \pm SD, 52.5 \pm 18.2 years), 37.2% were 60 years old or older, 13.2% had never or were not sure whether they had taken antimicrobial drugs, and 73.2% did not understand the problem of antimicrobial resistance. Older age, the non-usage of drugs and self-reports of the "lack" of knowledge of antimicrobial resistance were identified as the group that needs education regarding the appropriate use of antimicrobial drugs. Intervention studies should be conducted to examine the efficacy of interventions based on these factors.

Keywords: antimicrobial drugs; antimicrobial resistance; dispensing pharmacy

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【和訳】

【要旨】

本研究は、患者に対する抗菌薬適正使用の意識向上に向けた、より効果的な介入方法を探るため、保険薬局を訪れる幅広い年齢層の患者における抗菌薬適正使用に関する意識の実態を調査した。2018年9月1日から2018年10月31日の間に、ツルハグループの保険薬局を訪れた患者1301名を対象にアンケート調査を実施した。重回帰分析を用いて、抗菌薬や抗菌薬耐性に関する知識について患者の回答からスコアを算出し、そのスコアに関連する要因を検討した。調査に協力した1185人(平均年齢±SD、52.5±18.2歳)のうち、60歳以上が37.2%であり、抗菌薬の服用経験がない、またはわからないが13.2%、抗菌薬耐性問題を理解していないのが73.2%であった。抗菌薬の適正使用に関する教育が必要な層として、高齢、非服用、抗菌薬耐性に関する知識の「ない」と回答した群が挙げられる。今後は、これらを踏まえた介入研究を実施し、その有効性を検討する必要があると考える。