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# Irrational usage of antibiotics in el-Mohandeseen area in September2015

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**Abstract**

Introduction: Irrational refer to inappropriate use of antibiotics in modern times, new generations of bacteria resistant to antibiotics due to the indiscriminate use of antibiotics, which is disturbing the modern science and generates nurses and twins different forms of treatment and lead to losses, So the purpose of this research was to study the irrational use of antibiotics among residents of Al Mohandeseen area in January-September 2015

Methods: Cross-sectional community based study.

sample method was Convenient sample because it is Simple, Data collection in short duration , cheapest to implement 117 participant was taken from the residents of Al-Mohndessen area at the period of January-September\2015 after acquiring a verbal consent from the participants and giving them description about the significance of the study.

Data Collection obtain by a structured questionnaire was prepared containing 3 category the socio demographic variables, the second one contain the main causes that lead to irrational use of antibiotic and the third about the level of knowledge about antibiotics adverse effect.

Results: The results showed that most of the residents ages in this study are ranged from (20 to 25) years which constitute about (66.6%).

Most of the residents (94.9%) get antibiotics from the pharmacy. This result shows that pharmacies and pharmacists are major factors in this dilemma.

Conclusions:

It was found that in spite of high percentage of knowledge and of residents about antibiotics there is a high percentage of residents who used antibiotic without prescription.

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**Biography**

Dr. Mohammed Ahmed Mohammed Ali has been Graduated from faculty of medicine and health scinces in Omdurman Islamic University as Medical Doctor, in specialties including Internal Medicine, Social and Community Medicine now he is doing of his MD in community Medicine at Sudan Medical Specialization Board and master of public health in Alneleen University.. Presently he has been working at the as a lecture at Omdurman Islamic University and training coordinator at sudan medical speacializatin board.

**Keywords:** irratinal use, almohandseen area, residents, antibiotic without prescription.

**Desired presentation:** _ Poster.

**Topic** : health care and public Health.

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