

## Investigation of Chronic Drug Use Due to Chronic Diseases in Patients Admitted to Emergency Department

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**Abstract :** Objective: In present study we aimed to investigate the chronic drug use due to chronic diseases in patients admitted to emergency department. Materials-Methods: 144 patients who applied to emergency department (ED) of medicine school of Gaziantep University between June 2013 and September 2013 with chronic diseases and use chronic drugs were included. Information about drugs used by patients were recorded. Results: Of patients, half were male, half were female, and the mean age was 58 years. The first three common diseases were diabetes mellitus, hypertension and coronary artery diseases. Of patients, %79.2 knew their illness. Fifty patients began to use drug within three months, 36 patient began to use within the last one year. While 42 patients brought all of their drugs with themselves, 17 patients brought along a portion of drugs. While three patients stopped their medication completely, 125 patients received medication on a regular basis. Fifty-two patient described the drugs with names, 13 patients described with their colors, 3 patients described by grammes, 45 patients described with the size of the tablet and 13 patients could not describe the drugs. Ninety-two patients explained which kind of drugs were used for each diseases, 17 patient explained partly, and 35 patients had no idea. Hundred patients received medication by themselves, 44 patients medications were giving by their relatives and med carers. Of medications, 140 were written by doctors directly, three medication were given by pharmacist; and one patient bought the drug by himself. For 11 patients the drugs were not harmonious to their diseases. Fifty-one patients admitted to the ED two times within last week, and 73 admitted two times within last month. Conclusion: The majority of patients with chronic diseases and use chronic drugs know their diseases and use the drugs in order, but do not have enough information about their medication.

**Keywords :** chronic disease, drug use, emergency department, medication

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