

Quality Survey of Antibiotics Preparations in Taiwan

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ABSTRACT

In order to ensure the safety of the patients using antibiotic pharmaceuticals, this study was aimed to investigate the quality of nalidixic acid capsules and tablets, ofloxacin tablets, oxytetracycline hydrochloride capsules and injections in Taiwan area. All samples were collected by the local health authorities from hospitals, clinics, manufacturers and importers in different counties from January to July, 2008. One hundred fourteen samples were tested by analytical methods described in the USP 30, the Ch. P. VI and the original manufactures to evaluate their qualities. The results showed that 26 samples (22.8%) didn't meet the requirements of pharmacopeia and government regulations. One oxytetracycline hydrochloride and 24 nalidixic acid samples failed to meet the dissolution test requirements. One nalidixic acid sample failed to meet the assay and dissolution test requirements.

Key words : nalidixic acid capsules and tablets, ofloxacin tablets, oxytetracycline hydrochloride capsules and injections

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