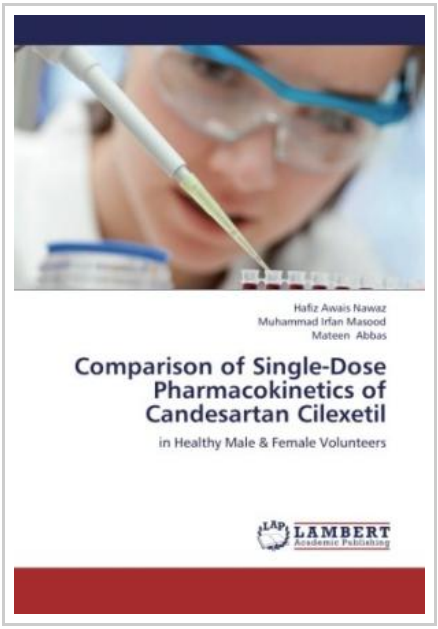




# Comparison of Single-Dose Pharmacokinetics of Candesartan Cilexetil

By Hafiz Awais Nawaz

LAP Lambert Academic Publishing Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x7 mm. Neuware - This study was designed to compare the pharmacokinetic parameters of Candesartan in healthy male & female volunteers. The male volunteers were considered as group A and female volunteers as group B. Both groups were administered Candesartan 16mg tablet orally. 5ml Blood samples were collected at 0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 6, 8, 12, 24, 48 & 72 hr after the drug administration. Plasma was separated by centrifugation at 5000 RPM and stored at -80°C till analysis. Candesartan concentrations in plasma were measured by HPLC method. All pharmacokinetic parameters were calculated through software APO pharmacological analysis MW/PHARM version 3.02 by assuming bio-availability of Candesartan after oral administration as 1. Pharmacokinetic parameters of Candesartan were compared in both groups. Data was analyzed by unpaired t-test and it was observed that there is significant difference in AUC of Candesartan in male and female volunteers without any effect in Cmax, Tmax, Vd, Ka or t1/2. In general, candesartan produced comparable results in healthy male and female volunteers so there is no need of any dose adjustment during therapy in both genders. 116 pp. Englisch.



### Reviews

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