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and**ABSTRACT:**

The objective of this work is to determine the plasma concentrations of Moxonidine by HPLC method. The method was developed using reversed phase HPLC with diode array detector. The mobile phase was composed of acetonitrile and phosphate buffer (pH 7.0) in the ratio of 80:20. The column used was C₁₈ reversed phase column. The flow rate was 1.0 mL/min. The detection wavelength was 230 nm. The method was validated for linearity, sensitivity, specificity, accuracy, precision, and stability. The method was successfully applied to analyze 360 clinical study samples collected after administration of 25mg of Moxonidine in a IEC approved two phase clinical study. Incurred sample reanalysis was conducted and found method is reproducible.

Keywords: Moxonidine () Moxonidine in plasma () Moxonidine by LC-MS/MS () Sum of multiple ions. ()

Cite this article:

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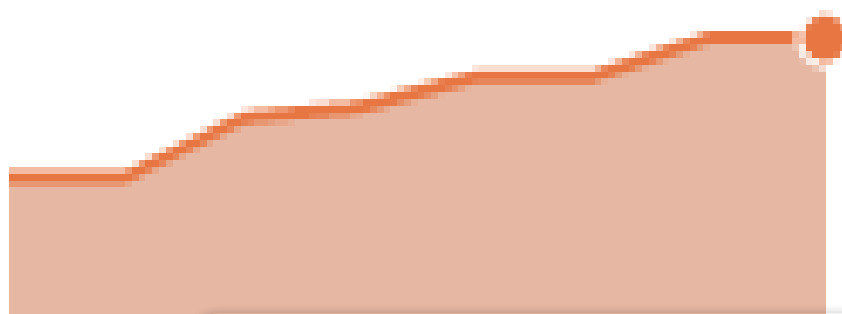
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