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## **Formulation and Characterization of Clobetasol Propionate Niosome**

**Shashikant Chandrakar\*, Amit Roy**

*Columbia Institute of Pharmacy, Tekari, Raipur-493111 (C.G.), India, E-mail: shashikant.py@gmail.com*

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The aim of this investigation was to prepare, and characterize Clobetasol propionate niosomes using different ratio of cholesterol and nonionic surfactant by modified hand shaking, lipid film hydration technique. Formulations were characterized with respect to surface morphology, particle size, entrapment efficiency, zeta potential and drug permeation study. The above prepared optimized niosome were incorporated into carbopol-934 gel and compared for permeability study. Vesicle size was found in nanometer ranges which are optimum for delivery of drug through the skin. The student-t test was performed to determine the significance of the study. The study concluded that entrapment of drug into niosomes leads to prolongation of drug release, and improved permeation across the skin.