Abstract

It is a well established fact in the field of pharmaceutical Formulation that release of drug from formulation matrix is the form of drug in which it is available for action in the body.

This principle makes Dissolution of drug in a suitable media as one of the most critical steps in the development of an acceptable formulation with desired clinical efficacy.

The present work involves the conceptualisation & application of a Novel Quantum Scale Dispersion (QSD) concept which is being filed for the Patent in Design & Development of Instant release Granules/Tablets of Phenytoin.

This Novel & Patentable approach is able to provide Instant Release of the active drug from the formulation matrix at the most economical and simple manner.

The data will be shared during the session as the patent filing procedure is expected to get completed by that time.

This approach will open up a new dimension in enhancing the dissolution of drugs and achieve the desired release profile.