



## Pharmaceutical Services Center

The Pharmaceutical Services Center at the Faculty of Pharmacy - Tanta University is a unit of a special nature. The University Council's decision to approve its establishment was issued in April 1996 and received the accreditation of the Ministry of Health and Population. The Faculty's Pharmaceutical Services and Bioavailability Center has been awarded the (ISO 9001) accreditation that is renewed through periodic follow-up visits. The Pharmaceutical Services Center has been accredited (ISO 17025) since 2005 and that is renewed through periodic follow-up visits.



### Services Provided:

#### Bioequivalence Studies:

PSC center performs bioavailability and bioequivalence studies for Egyptian, Arabic and foreign pharmaceutical companies as a requirement for drug registration or drug exporting by measuring the drug concentration in biological fluids and calculation of drug pharmacokinetics in healthy volunteers.

#### Comparative Dissolution Studies

PSC performs comparative dissolution studies as a waiver of in vivo bioavailability and bioequivalence studies for immediate-release solid oral dosage forms based on the Biopharmaceutics Classification System.

#### Consultation

PSC conducts preformulation studies and aids in formulation development for pharmaceutical products including cosmeceuticals and veterinary preparation. PSC also performs stability studies for pharmaceuticals as per ICH guidelines and MOH regulations.

#### Expert Reports

PSC prepares periodic safety update reports which are necessary to retain the marketing authorization of pharmaceutical products. These reports include clinical, non-clinical, pharmacological and toxicological updates on pharmaceutical products.



## Training

PSC participates in training undergraduate students and interested graduates from Egypt and other countries. PSC helps undergraduate students to be familiar with quality control instruments and concept of bioequivalence studies. In addition, PCS organizes training courses for continuing education in pharmacy.

## Research Records

PSC performs research projects for Egyptian, Arabic and foreign researcher for measuring drug concentrations in different matrices and biological fluids.