

Dated: 14th July 2026

NATIONAL CLINICAL PHARMACOKINETICS WORKSHOP REPORT

A one and a half-day offline workshop on Clinical Pharmacokinetics was organized by the Department of Clinical Pharmacology, Seth Gordhandas Sunderdas Medical College (GSMC) and King Edward-VII Memorial Hospital (KEMH), Mumbai, under the aegis of Association of Clinical Pharmacologists (ACP) on the 10th and 11th of July 2026. This workshop was an offline hands-on event, conducted at Seth GSMC and KEMH, Mumbai; and served as a satellite pre-conference workshop to the fifth annual conference of ACP (5th ACPCON) which has been planned in Shillong, Meghalaya from 27th to 29th of August 2026.

The agenda of the workshop was to provide hands-on training in the basic concepts of pharmacokinetics and how they are routinely applied in patient care. The speakers and the resource persons were selected for the workshop from among those who are actively involved in the field of pharmacokinetics and pharmacometrics. The workshop covered topics such as calculation of drug doses in various scenarios, including disease states; and therapeutic drug monitoring (TDM), which is a routine patient care service provided by many pharmacology departments. The hands-on exercises covered how the results of the drug levels obtained during TDM are interpreted, and how clinical decisions are taken based on these interpretations. The workshop also covered the basics of bioavailability and bioequivalence (BA/BE) studies, with respect to the choice of the study design, patient population, and the interpretation of the results. The basic concepts of pharmacokinetic and pharmacodynamic (PK/PD) modelling, and pharmacometrics were also touched upon.

The workshop was attended by almost forty delegates from the length and breadth of the country. It received overwhelming participation from the attending delegates, as well as a positive feedback regarding the conduct and the selection of the topics. There were also requests to conduct similar workshops in the future, expanding the ambit of topics and covering a wider population. The workshop was partly sponsored by Hitachi India Ltd., who are one of the vendors of the instruments such as High Performance Liquid Chromatography (HPLC), used for estimation of drug levels.