A. Course Description

Credits: 1

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course builds on the knowledge learned in N609 and focuses on applying principles of pharmacology, including pharmacokinetics and pharmacogenomics, through case study methodology. Particular attention will be paid to polypharmacy and drug interactions applied to specific clinical presentations through case study analysis and application.

B. Course Effective Dates: 05/03/2018 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Interprets and applies pharmacokinetic, pharmacodynamic and pharmacogenomic principles in evaluation and selection of drug therapy.
2. Plans drug regimens which consider interactions, expected effects and potential side effects, clinical characteristics, illness and comorbidity, absorption, distribution, metabolism and excretion, and cost or accessibility to patient.
3. Discuss ethical issues related to pharmacologic therapies.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

None