Background

- The Medical Planners’ Toolkit (MPTk), a suite of tools in a single desktop application, was developed to fill the need for a science-based, repeatable, and standardized methodology to predict the likelihood of operational injuries and illnesses.
- MPTk is verified, validated, and accredited for DoD use.

Value

- MPTk predicts the likelihood of operational injuries and illnesses, creates casualty estimates and associated patient streams, and estimates requirements relative to theater hospitalization to service those patient streams.
- Logisticians and medical planners obtain authoritative estimates quickly and efficiently using an accredited desktop application.

Goals

- To provide military medical planners and logisticians with an end-to-end solution for medical support planning across the range of military operations, from combat operations to humanitarian assistance.

Methods

- MPTk consists of the Patient Condition Occurrence Frequency (PCOF) tool, the Casualty Rate Estimation Tool (CREstT), the Expeditionary Medicine Requirements Estimator (EMRE), and the Estimating Supplies Program (ESP).

Key Facts

- Results are based on recent empirical data.
- While no two military contingency operations are identical, they share certain similarities that allow planning for future engagements based on data from past operations.