**SYSTEMS AND METHODS FOR MONOCLONAL ANTIBODY NOMOGRAMS**

## ABSTRACT

Provided herein are systems and methods for constructing and using nomograms for adjustment of dosing regimens. The nomograms use measured drug concentration data to determine a specific patient's effective half-life for a drug or set of drugs. The patient-specific effective half-life is used to determine the time at which the drug concentration in the patient's body will reach a target concentration after administration of a dose. Label dosages and dosing intervals are based on an average patient, so adjustment of a dosing regimen for a specific patient better accounts for the patient's unique pharmacokinetic interaction with the drug.
[Fig. 1A]