SOFTWARE FOR EVALUATING DRUG INDUCED HEPATOTOXICITY

Technology Summary
The detection and assessment of drug induced liver disease has emerged as a challenging task due to the low incidence of findings and the burdensome work of searching through massive quantities of data sets. A method to assist medical diagnosis to identify sometimes rare but serious cases of drug induced liver disease is of interest.

To address this issue, FDA researchers have created a software tool for assisting differential medical diagnosis of drug-induced liver injury (hepatotoxicity) using clinical trial data. The software can identify a small subset of patients at risk for hepatotoxicity out of a pool of thousands of clinical trial participants. This software tool is the only one of its kind developed using SAS/IntrNet®.

Potential Commercial Applications

- Hepatotoxicity detection
- Drug interactions

Competitive Advantages

- Personalized prediction
- SAS/IntrNet® compatible

Development Stage: Software Tool - Patent protection is not being pursued for this technology.

Inventors: Ted Guo

Publications:


Product Area: Software

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Licensing Contact:
Ken Millburne, J.D.
FDA Technology Transfer Program
Email: FDAInventionlicensing@fda.hhs.gov
Phone: 240-402-2245