DATA EXCHANGE FOR POISON CONTROL CENTERS

HEALTHCARE IT

A health information exchange application for poison control centers.

TECHNOLOGY TYPE
Software
Digital Health Communications & Networks
Poison Control Center
Health Information Exchange

STAGE OF DEVELOPMENT
- Pilot testing showed the software is capable of sending and receiving consultation notes.
- Ongoing development to add functionality.

IP PROTECTION
Copyright Registration in Progress.

LEARN MORE
Reference Number: U-6199

Aaron Duffy
Technology Manager
aaron.duffy@tvc.utah.edu
801-585-1377

TECHNOLOGY SUMMARY
Communication between poison control centers (PCCs) and healthcare providers is telephone or fax-based; PCCs do not have access to the Health Information Exchange (HIE). Healthcare providers often make treatment decisions without reviewing all of the supporting documentation due to the delay in transferring information and data errors.

New software streamlines the data transfer process between PCCs and healthcare facilities by facilitating PCC participation in the HIE. The software allows PCC employees to create HL7 consolidated-CDA consultation notes that meet HIE standards using current PCC information systems. The data is then sent through the HIE to healthcare facilities. Healthcare providers can then send information, such as discharge summaries, back to the PCC. This also enables monitoring of hospital cases by poison control specialists because the specialists can parse and display contents of both sent and received documents.

FEATURES AND BENEFITS
- Facilitates PCC participation in the health information exchange.
- Reduces delay and error in data transfer between PCC and healthcare facilities.

RECENT PUBLICATIONS

INVENTOR PROFILE
Guilherme Del Fiol, M.D., Assistant Professor – Biomedical Informatics
Mollie Cummins, Ph.D., Adjunct Associate Professor – Biomedical Informatics
Andrew Iskander, Senior Software Design Engineer - Biomedical Informatics

DATE UPDATED: 6/12/2018