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# 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

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### 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

Del Fiol, G., Crouch, B.I., Cummins, M.R. (2015). Data standards to support health information exchange between poison control centers and emergency departments. *Journal of the American Medical Informatics Association*. 22(3): 519-528 doi: [10.1136/amiajnl-2014-003127](https://doi.org/10.1136/amiajnl-2014-003127)

### INVENTOR PROFILE

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