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The BioSense - BioSurveillance to Improve Early Event Detection

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ABSTRACT

BioSense is a national program intended to improve the nation's capabilities for conducting near real-time biosurveillance through access to existing data from healthcare organizations across the country. BioSense is implementing enhanced capabilities for early event detection and real-time health situational awareness. The primary objective is to expedite event recognition and response coordination among federal, state, and local public health and healthcare organizations by providing each level of public health access to the same data, at the same time. BioSense receives, analyzes, and evaluates health data from numerous data sources such as emergency rooms, ambulatory care clinics, pharmacies, poison control centers, and clinical laboratories. In this presentation, you'll learn how BioSense brings together these silos of data to help provide early detection indicators necessary for key personnel to act so that public health information is there where it's needed, when it's needed. BioSense is also an interoperable information system used to detect, register, report, confirm, and analyze health outcome data while visualizing and reporting out messages that guide acute and planned responses.

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