

# Seasonal & Pandemic Influenza 2007

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Poster Section: Surveillance and Diagnostics, with an Update on  
Rapid Diagnostics

**Section Chair: David Hillyard, MD**

Poster Title: **Bridging the Gap Between Public and Private Health Care:  
Influenza-like Illness Surveillance in a Practice-Based  
Research Network**

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This poster describes the development, testing, and implementation of the OKAlert<sup>®</sup>-ILI System, a bidirectional, dual-use, influenza-like illness (ILI) surveillance and messaging system during the influenza seasons of 2003-2004 and 2004-2005 in the Oklahoma Physicians Resource/Research Network (OKPRN), a primary care, practice-based research network (PBRN). We describe how OKPRN connected 30 primary care providers to the Oklahoma State Department of Health and how surveillance results were analyzed and fed back to the clinicians on a weekly basis. We demonstrate the timeliness, sensitivity, specificity, acceptability, validity, flexibility, and cost of the system. Finally, we describe upgrades and enhancements to the system based on user evaluation and feedback.