

**INTEGRATION OF IMMUNIZATION DOCUMENTATION
WITHIN AN EMERGING STATE-WIDE HEALTH
INFORMATION EXCHANGE: ASSESSMENT AND
IMPLEMENTATION STRATEGIES**

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**Medical Society of Sedgwick County
Sedgwick County Health Department
Kansas Department of Health and Environment**

Project Purpose

- How can the Kansas State-wide HIE improve the process of immunizing Kansas children?
- Facilitate a seamless integration of immunization data into the emerging KS State-wide HIE.

Goal: 90% Immunization Rate in KS

What role does EMR and HIE technology play with regards to immunization documentation in other communities, states and regions?

Environmental Scan conducted by NACCHO

- Limited transfer of immunization info in Utah and Colorado (CORHIO)
- State level engagement nationally: 1) limited or none and 2) some initial conversations
- Exchange of immunization information a lower priority for providers
- **Interchange between HIE and Immunization Information System (IIS) most likely scenario**

Recommendations

- One interface between IIS and HIE
- Assure uniform mechanism for participation in IIS and HIE (Opt-Out for both)
- Reconciliation of Master Patient Indices
- Assure legal authority to exchange immunization information with HIE vs. IIS
- Business model for interface (cost of connecting to the HIE)

Future Considerations

- SCHED should continue to interface with WebIZ through KIPHS for the next few years
- SCHED should determine best EHR type product to meet its needs within 3 years
- SCHED should be an active participant in the development of a Public Health EHR

Future Considerations

- SCHED, as a provider, should rely on WebIZ as the repository for up-to-date information our patients
- KDHE should review opportunities for vaccine ordering and accountability systems through WebIZ

Future Considerations

- SCHED and KDHE should be involved with the CDC Direct project to learn more about the capabilities of this system since this may be the portal used by some providers to meet MU.

Future Considerations

- Change policies at the state level to allow LHDs to receive county level de-identified immunization data for analysis and geo-coded data if available.
 - KDHE should improve WebIZ functionality so that community-based reports for local health jurisdictions can be produced
- AND/OR
 - ICA should direct extraction, reporting and analysis functions to Sedgwick County Health Department to produce community-based reports for the county.

Future Considerations

- KDHE should continue to support the algorithm in WebIZ to perform statewide coverage assessments.

Future Considerations

- ICA should tag the data source and apply the best practice guidelines for Vaccination level De-duplication in IIS.
- SCHED should have permission to conduct reminder recall audits using WebIZ records for Sedgwick County (beyond Health Department patients).

Acronyms

- EMR = Electronic Medical Record
- HIE= Health Information Exchange
- IIS = Immunization Information System
- MU = Meaningful Use
- ICA = Informatics Corporation of America
- KHIE= Kansas Health Information Exchange
- KHIN=Kansas Health Information Network
- WHIE = Wichita Health Information Exchange
- MSSC = Medical Society of Sedgwick County
- REC = Regional Extension Center
- KMS = Kansas Medical Society
- KHA = Kansas Hospital Association

Questions?

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