KIDSNET and RITRACK... Partnering for Audiological Reporting

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- This presentation will (not) include discussion of pharmaceuticals or devices that have not been approved by the FDA or if you will be discussing unapproved or “off-label” uses of pharmaceuticals or devices.
KIDSNET and RITRACK…
Partnering for Audiological Reporting

- RITRACK and KIDSNET
- Reporting of Audiological Data
- Capture of Audiological Data
RITRACK Components

- Child Demographics
- Risk Factors
- Initial Screening
- Rescreening
- Electrophysiological Testing
- Behavioral Testing
- Calculated Results
- Reports and Correspondence
RITRACK Strengths

- Comprehensive EHDI Data Model
- Powerful EHDI-specific reporting and analysis capability
- Designed for small number of EHDI-trained specialists
- Highly flexible to meet evolving EHDI needs
KIDSNET Strengths

- User-friendly and secure web-based access
- Broad user base
- Integrated across numerous programs
- End-user support infrastructure
- Role-based security and privacy controls
- Variety of data exchange interfaces
KIDSNET And RITRACK
Reporting of Audiological Data
Diagnostic Evaluations....
Data Collection for RIHAP

Data Collection Process

1) RIHAP receives report from community audiologist
2) Report Coded by RIHAP Audiologist
3) Coded results entered by Data/Follow-Up Staff
Data Collection Challenges

- Reporting of Results, not mandated in RI
- Data collection per child not always a complete history
- Opportunity for coding and data entry error (3 people per event)
- Possible reinterpretation of results based on RIHAP audiologist’s review
Diagnostic Evaluations....
Data Collection for KIDSNET

Data Collection Process
1) Audiologist performs assessment on child.
2) Minimum results entered by audiologist
Capture of Audiological Data

KIDSNET

- Tests performed
- Risk Factors
- ICD-9
- Audit data

RITRACK

- Date
- Audiologist
- Loss Type
- Loss Degree
- Comments

- Detailed results:
  - ABR, IPSI Reflex, DPOAE, TEOAE, Bone Conduction, Tympanometry, etc.

- Outcome
- Technology Used
- Audiological Recommendation
- Referrals and Follow-up
Capture of Audiological Data

RITRACK

KIDSNET

Community Audiologists
The Data Flow Illustrated

RIHAP

Data Entry

KIDSNET

Daily Import

RITRACK

Daily Export

Dept. of Health

KIDSNET

Daily Export

RITRACK

Daily Import

Data Entry

View results
Via Web

Audiologist

Results
Audiology Data Entry with KIDSNET

**Hearing Assessment**

**Child Information** - 02/20/2008

Name: JANE M DOE

**Detailed Audiological Diagnostic Information**

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**Risk Factors:** Meningitis

**Comments:** Referred by RIHAP

**Audiological Recommendation:** Discharge

**Risk Factors:** Low Birth Weight

**Comments:**
Advantages and Disadvantages of this Approach

**Pros**
- Leverages strengths of two types of child health information systems
- Provides common interface to providers
- Offers audiologists choice in data submission
- Helps promote follow up
- Provides platform for further enhancements

**Cons**
- Non-standard data exchange format
- Complexity of data flow
- Limited data model
Questions
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