

EHR Database Reporting

Touchworks EHR Result Data

Embrace the new world of healthcare



Today's presenter:



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Embrace the new world of healthcare



Your phone has been automatically muted.
Please use the Q&A panel to ask questions during the presentation.

The screenshot shows a Cisco WebEx Event Center window titled "Cisco WebEx Event Center - Dry Run - charge". The main presentation area displays a slide with the header "Embrace the new world of healthcare" and the Galen Healthcare Solutions logo. The slide content is divided into three sections: "PROFESSIONAL Services" (with sub-sections "Project Assessment" and "Project Management"), "Implementation Services", and "Connecting Community Healthcare". A red arrow points from the main content area to the Q&A panel on the right. The Q&A panel is titled "Q&A" and has a "Collapse the panel" button at the top. Below this is a large text input area. At the bottom of the panel, there is an "Ask:" dropdown menu currently set to "All Panelists", a text input field with placeholder text "Select a participant in the ask menu first and type your question here. There is a 256 character limit.", and a "Send" button. The "Participants" panel on the right lists "Galen Healthcare Solutions (Host)" and "Tracy Kimble".

Overview

- **Reporting Best Practices**
- **Result Data Tables**
- **Querying for Results**
- **Q&A – Chat and Live**

Be Careful

- **The Allscripts database is complex**
- **You can do harm, even by just running queries**
- **You may not have access due to your organization's IT policies**

What To Do

- **Keep it simple**

- Create complex queries by combining simple queries together

- **Use TEST**

- Or, your organization's Data Warehouse, if you have one
- If you run anything in production, make sure:
 - You have the permission of the IT/DBA group
 - You follow your organization's change management process
 - It is run off-hours
 - It runs quickly
 - Even complex queries should be less than a minute
 - Use (NOLOCK) table hints

What To Do

- Avoid performance problems by running queries off hours
 - Queries are one common cause of performance issues reported to Allscripts
- Verify the accuracy of the output
- Get proper approval to access the database

What NOT To Do

- Delete data. Ever.
- Share passwords with others, even “defaults” like IDXAdmin
- Save patient data on your PC or in email
 - HIPAA concerns
 - Your company’s policies

Common Result Data Tables

- **Act_Hdr_Result**
 - Header table for Orderable info – Accession Number, Ordering Provider
- **Act_Result**
 - Detail table for Orderable info - Encounter link, Annotations link, Orderable
- **Item_Result**
 - Header table for Resultable info – Resultable (and Orderable)
- **Result**
 - Detail table for Resultable info – most info may be found here – Result Values, Reference Range, Collected/Examined/Clinical Date, Stage, Where Performed, etc

Common Result Build Tables

- **QO_Classification_DE**
 - Primary Orderable Dictionary Info
- **QO_DE**
 - Primary Resultable Dictionary Info
- **QO_Class_QO**
 - Orderable-Resultable Link, including Order of Display
- **Where_Perfomed_DE**
 - Facility where test performed

Result View

- **vGHSResult**
 - Created for this session
 - Common Result data
 - Complexity
 - 25 tables and views linked
 - Knowing what to exclude – IsInactiveFLAG on the Person table

Summary

- **Get Permission**
- **Use Non-Production Environment to Validate**
- **Run Production Queries During Off Hours**
- **Result Data**
- **Result Build**

Galen Reporting Offerings

- **Custom Reports**
- **Custom Print Forms**
- **ETL and Analytics Reporting**
- **Training**
 - Allscripts DB
 - ETL DB
 - Analytics
 - Advanced Interface/ConnectR