

EHR Database Reporting

Touchworks EHR Result Data



Today's presenter:



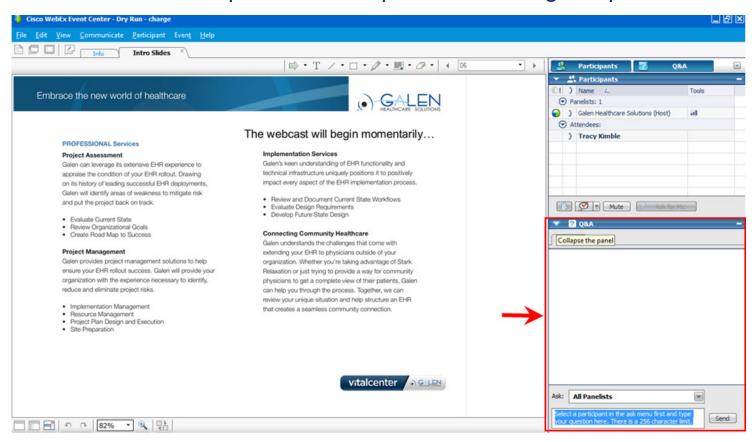
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Overview

- 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

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