FHIR TRAINING

CDC FOUNDATION

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SESSION 09

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Session 9 – Next steps and workshop

1. BLOCK 1: How can I learn more / Resources for implementation
2. BLOCK 2: Workshop!

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BLOCK 1 – Next steps / Where to learn more

- The FHIR 4.0.1 specification: https://hl7.org/fhir/R4/index.html
- The FHIR IG Registry: https://fhir.org/guides/registry/
- FHIR Education Resources:
    – Education on Demand: https://www.pathlms.com/hl7
    – HL7 Education Catalog: https://t.co/G44dlwJdCO
- HL7 Events:
    – FHIR Connectathons: https://www.hl7.org/events/fhir-connectathon/
    – FHIR Dev Days: https://www.hl7.org/events/fhir-devdays.cfm
- Implementers Zulip chat: chat.fhir.org
- HL7 FHIR Foundry: https://foundry.hl7.org/
- Work group Listservs: https://www.hl7.org/myhl7/managelistservs.cfm?ref=nav
- HL7 Confluence: https://confluence.hl7.org/
    – FHIR Accelerator page:
      https://confluence.hl7.org/spaces/FA/pages/82904233/FHIR+Accelerator+Home

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BLOCK 2 – Workshop

Objective: For this assignment, your group will select one of the provided themes related to healthcare data interoperability and develop a comprehensive plan for its implementation. This plan should address the essential data elements, FHIR resources, medical terminologies, architectural components, and team requirements.
Group Size: 3-5 students per group
Submission: A written report and a 15-minute presentation per group.

Possible Themes for Assignments
(Choose One or create your own!)
Cancer Data Harmonization and Interoperability
Multisite Clinical Trial Data Management
Genomic and Clinical Data Integration for Research:
Real-Time Clinical Decision Support and Patient Safety
Standardized Data Modeling and ETL for Research

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BLOCK 2 – Workshop

- Part 1: Define Which Data Elements Are Needed
- Part 2: Define Which FHIR Resources Should You Use
- Part 3: Define Which Medical Terminologies Should Be Applied for the Coded Elements
- Part 4: Define Which Architectural Components Your Project Will Require
- Part 5: Define Which Kind of Team Will You Need to Implement

Example Solution Available

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