



SESSION OVERVIEWS

Pre-Conference & Conference



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DI UC 2019 Course Session Topics

Pre-Conference Course Specifics

Pre-conference will consist of 2 separate one-day sessions (total of 6.0 hours of instruction each session) and 1 two-day session (total of 12 hours of instruction for the session).

Date

September 23 & 24, 2019

Nursing Contact Hours

The pre-conference nursing CE contact hours are provided by California State Nursing CE provider Trauma Analytics. Provider approved by the California Board of Registered Nursing, Provider #CEP17125, for no more than 12 Contact Hours.

Cancellation/Refund Information

All requests for refund must be made in writing to finance@dicorp.com. Full refunds, less a \$25.00 processing fee will be provided **via check** within 30 days for requests received by September 9, 2019. After September 09, 2019, **no refunds** will be given.

Pre-Conference Day 1

Outcomes

Overview

This one-day course is divided into four sections,

- Introduction to the Outcomes Module
- Overview of Outcomes Module Software
- Integration of the Outcomes Module Software into your PIPS investigation
- Reporting on Adverse Events and Case Reviews

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Explain the importance of standardizing performance improvement terminology by using Trauma Taxonomy as a performance improvement tool
- Describe how to incorporate the Outcomes Module Software into the PIPS program
- Define the DI Report Writer vocabulary tools utilized in analyzing a report request and building reports to support trauma and performance improvement program needs
- Demonstrate understanding of reporting principles by successfully applying the learned vocabulary tools to the report writing and generation process

Report Writer – Basic and Intermediate Skills

Overview

This two-day course consists of eight key topics and will provide the learned with methods to easily build, save, retrieve, and user Report Writer Vocabulary to analyze trauma registry data. Day 1 will include the following four topics:

- Introduction to the DI Report Writer Core Concepts
- Standard Reports
- Data Table Reports
- Queries

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Explain the DI RW Core Concepts of Vocabulary Technology and Mix & Match Methodology
- Define the purpose and the function of various DI RW tools
- Demonstrate how to create the following DI Report Writer Vocabulary for Data Table Reports and Queries

Pre-Conference Day 2

Report Writer – Basic and Intermediate Skills

Overview

This two-day course consists of eight key topics and will provide the learned with methods to easily build, save, retrieve, and user Report Writer Vocabulary to analyze trauma registry data. Day 2 will include the following four topics:

- Gathers
- Coded Variables
- Statistics Reports
- Workin with data requests to demonstrate learned skills

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Explain the purpose of a Gather and how to create both a single-level and multi-level Gather
- Demonstrate how to create Coded Variable and use it inside of other Report Writer Vocabulary
- Define the steps used to create a Statistics report
- Determine how to work with a data request and demonstrate how to use learned skills to complete the data request

Report Writer – Advanced Skills

Overview

This one-day course, consisting of three key topics, provides the user with three advanced report writer functions. These functions are:

- PFL/PFLM
- SCAILR/CILR
- LPOC

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to create a query to:

- Define a list within a list
- Count within a defined list
- Identify the first occurrence within a list

Conference Course Specifics

The two-day conference will be comprised of one-hour sessions to include guest speakers, didactic lectures, labs, and interactive learning periods for a total of 11 hours of continuing education credits.

Date

September 25 & 26, 2019

Nursing Contact Hours

The pre-conference nursing CE contact hours are provided by California State Nursing CE provider Trauma Analytics. Provider approved by the California Board of Registered Nursing, Provider #CEP17125, for no more than 11 Contact Hours.

Prerequisites

While there are no required prerequisites for any conference session, the learner is encouraged to have a basic understanding of the purpose, use, and creation of DI Report Writer Vocabulary. The 7 sessions with associated labs will be offered as two tracks, one for beginner learners (2 years or less active experience with the DI Report Writer) and one for intermediate/advanced learners (3 years or more active experience with the DI Report Writer).

Cancellation/Refund Information

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Conference Day 1

Guest Speaker (TBA)

Building Queries for PI

Overview

Queries are a useful DI Report Writer tool used to create subsets of the entire patient population. This lab session will outline how to create queries to identify specific patient populations for use with performance improvement initiatives.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Define the appropriate use of queries to identify patient populations for use with performance improvement initiatives
- Demonstrate how to create several queries for PI efforts

Utilizing Gathers to Access PI Trends

Overview

Gathers are used to separate records into multiple groups based on values associated with a defined field and can be used to demonstrate data trends. This lab session will define how to create different Gathers to prove trends within identified and tracked PI issues.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Identify the need to use a Gather
- Define the necessary steps to create a gather to be used with a previously query identifying previously created PI queries to demonstrate trends in PI data

A Message from the President and CEO of Digital Innovation, Inc.

Building Statistics Reports for PI Trending

Overview

Statistics reports provide mathematical functions such as counts, percentages, averages, and other common statistical calculations to be used to analyze data contained within the trauma registry. One way to use Statistics reports is to demonstrate trends in PI data. This lab session will provide the learner with the necessary tools to create a Statistics report to be used when analyzing PI trends.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Explain the appropriate use of Statistics reports to demonstrate PI trends
- Define the necessary steps to create a Statistics report to demonstrate trends in PI data

Raid Fire Session

Overview

This session will provide learners with the opportunity to hear 10-minute presentations from their peers across the world on how data is being used to drive Performance Improvement and Injury Prevention programs through analysis and research.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Identify new ways to use trauma registry data to drive PI initiatives
- Recognize opportunities to use trauma registry data to advance Injury Prevention programs

Poster Displays

Overview

This session will provide learners with the opportunity to review poster presentations from their peers across the world on how data is being used to drive Performance Improvement and Injury Prevention programs through analysis and research.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Identify new ways to use trauma registry data to drive PI initiatives
- Recognize opportunities to use trauma registry data to advance Injury Prevention programs

Networking Event

Conference Day 2

Guest Speaker (TBA)

Building Queries for Injury Prevention

Overview

Queries are a useful DI Report Writer tool used to create subsets of the entire patient population. This lab session will outline how to create queries to identify specific patient populations for use with injury prevention and outreach initiatives.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Define the appropriate use of queries to identify patient populations for use with injury prevention initiatives
- Demonstrate how to create several queries for injury prevention efforts

Building Coded Variables for Injury Prevention

Overview

Coded Variables are a useful DI Report Writer tool used to create distinct subsets within a data element based on a set of rules which defines how to categorize values within a data element. This lab session will demonstrate how to create Coded Variables to use to identify areas of opportunity for injury prevention efforts.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Define the appropriate use of coded variables to identify patient populations for use with injury prevention initiatives
- Demonstrate how to create several coded variables for injury prevention efforts

Pair to Share Activity

Overview

This session will provide learners with the opportunity to work with a small group of peers to analyze an assigned scenario, work together as a group to create a solution and then share the solution or solutions to the larger group of attendees. This activity will demonstrate a variety of ways to approach a scenario and how to use trauma registry data to deliver a solution.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Discuss how to use trauma registry data to provide solutions to scenarios related to performance improvement and injury prevention
- Identify the advantages of using a 'group think' process to review and analyze information to deliver a workable solution.

Using Data Table Reports to Identify Patients and Injury Patterns

Overview

Data Table Reports are a useful DI Report Writer tool used to patient specific information in a spreadsheet format. This lab session will demonstrate how to create a Data Table Report to use to identify patients and injury patterns.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Identify when a Data Table Report is an effective tool to use to identify patients and injury patterns.
- Demonstrate the steps used to create a data table report for identification of patients and injury patterns.

Using Native Excel™ Functions and Pivot Tables to 'Deep-Dive' into Data

Overview

Excel™, when used with Data Table Reports, is a useful tool to analyze trauma registry data in a more in-depth manner. This lab session will demonstrate how to analyze trauma registry data using native functions from within Excel™ and will include tips on formatting, creating Pivot Tables, and provide shortcuts for creating graphs.

Objectives

Upon successful completion of this course, the trauma registrar, trauma data analyst, trauma nurse, other trauma clinicians and staff, will be able to:

- Define the steps to export a Data Table Report to Excel™
- Demonstrate the steps used to create a pivot table from within Excel™ using trauma registry data
- Explain the benefits of formatting worksheets within Excel™