

Enhancing NSQIP

Statistics, Improvement Methods and More!

May 24 & 25, 2012

Marriott Vancouver Airport
Coastal Mountain Ballroom,
7571 Westminster Highway
Richmond, BC

Day 1

Statistics 101 Workshop*

Thursday, May 24, 2012, 0830 – 1530

*A money-back guarantee: You will laugh more than you thought possible in a statistics course.

Time	Topic	Facilitators
0745 to 0830	BREAKFAST	
Building Blocks of Statistics/Statistical Literacy		
0830 – 0845	Introduction and Overview	Angela Tecson and Kimberly McKinley
0845 – 1030	Types of Data, Data Quality, Sampling, Graphs, Univariate Numerical Summaries <ul style="list-style-type: none"> The “usual suspects”: proportions, mean, median, range, variance, standard deviation, percentiles/ quartiles/deciles, etc. 	Jonathan Berkowitz
1030 – 1045	BREAK	
1045 – 1230	Crosstabs (two-way tables), Normal Distribution, Outlier Identification Box plots, Standard Error, Confidence Intervals, Sample Size	Jonathan Berkowitz
1230 to 1300	LUNCH	
Building Understanding of NSQIP Statistics		
1300 – 1330	A few more terms: statistical significance, odds ratio, adjusted data, statistical models	Jonathan Berkowitz
1330 – 1415	Navigating the Raw Data: applying what we learned in the morning	Jonathan Berkowitz
1415 – 1430	BREAK	
1430 – 1515	Navigating NSQIP Reports & SAR: exploring the world of NSQIP data with our new toolkit	Jonathan Berkowitz
1515 – 1530	Workshop Evaluation, Questions, Wrap-up	Angela Tecson & Kimberly McKinley
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Day 2

Enhancing NSQIP Statistics, Improvement Methods and More!

Numbers Make The World Go Round: Using Data to Drive Change

Friday, May 25th 2012, 0830 – 1600

(Special Note: The BC Variables session at 1400 – 1600 hrs is optional for attendees but highly recommended for all SCRs)

Time	Topic	Facilitators
0745 to 0830	BREAKFAST	
0830	Welcome and Introduction for the day	Marlies van Dijk
0830 – 0920	We've got data, so now what? How to move the data off the paper and into an action plan Rapid Fire (7 min): <ul style="list-style-type: none"> • Langley – Fraser Health Authority • UHNBC – Northern Health Authority • Penticton Regional Hospital – Interior Health Authority 	Tanis Rollefstad and teams
0920 – 1030	Building on the data Opportunity to participate in a fast forward Plan-Do-Study-Act using NSQIP data <ul style="list-style-type: none"> • Planning the Tests and Idea Generation • Providence Health Care 	Tanis Rollefstad, Katie Proctor, and Providence Health Care team members
1030 – 1100	BREAK	
1100 – 1200	Testing vs Implementing <ul style="list-style-type: none"> • Collecting data to know you are making a difference • Transitioning PDSA learning to new work • Guided Tour for Success in November – What by When? 	Tanis Rollefstad
1200 – 1300	LUNCH & NETWORKING	
1300 – 1400	World Café These topics will be discussed at three tables throughout the room. During this time, each table discussion will take place for 15 minutes before you rotate to another table. <ul style="list-style-type: none"> • Engaging physicians • Attention Please! All Staff • Liberating structures Report out for each table!	Julian Marsden, Clinical Director at BCPSQC/Physician at Emergency Department, St. Paul's Hospital Tanis Rollefstad Katie Procter
1400 – 1415	BREAK	
1415 – 1600 <i>Optional</i>	BC NSQIP Working Group NSQIP variables standardization <ul style="list-style-type: none"> • We will take a deep dive into some of the NSQIP variables in order to understand the intent behind the definition to drive consistency in applying it. 	Meghan MacLeod, Providence Health Care Cheryl Olm, Northern Health Authority
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