

## Irish Society of Clinical Microbiologists



### Programme

Epidemiology and Statistics for HCAI Surveillance  
 Ramada Hotel  
 Belfast, Northern Ireland

#### Monday 19<sup>th</sup> May 2008

	Description	Speaker
10.00	Probability, Statistics and Inference	Jonathan Edwards
11.15	Break	
11.30	Exercises/Discussion	
12.00	Study Design	Jonathan Edwards
12:15	Lunch	
1.30	Study Design	Jonathan Edwards
3.00	Break	
3.30	Exercises/Discussion	
4.00	Measures of Effect	Jonathan Edwards
5.00	Exercises/Discussion	

#### Tuesday 20<sup>th</sup> May 2008

9.00	Prospective Cohort and Case Control Study Designs, 2x2 Table, and Relative Risk and Odds Ratio	Teresa Horan
9.30	Review of Risk Adjustment Strategies for Surgical and ICU Infections	Teresa Horan
10.30	Break	
11.00	Comparing Surgical Site Infection Rates	Jonathan Edwards
12.00	Lunch	
1.15	Standardized Infection Ratios and Comparisons	Jonathan Edwards
2.30	Break	
3.00	Comparing ICU Infection Rates and Device Utilization Ratios	Jonathan Edwards

**Wednesday 21<sup>st</sup> May 2008**

9.30	Statistical Methods and Tests	Jonathan Edwards
11.00	Break	
11.30	Measures of Accuracy and Statistical Process Control	Jonathan Edwards
12.15	Lunch	
1.30	Application of Concepts	Jonathan Edwards
3.30	Wrap-up	Teresa Horan