A one-day course for those preparing for the FRCS(T&O) Examination
With MCQ tests, problem solving and group viva

Academic Orthopaedics, Trauma and Sports Medicine,
Queen’s Medical Centre, Nottingham

COURSE FEE - £130.00

COURSE ORGANISERS:
Professor B E Scammell and Dr K Edwards

PROVISIONAL PROGRAMME

Data and Distribution of Data
Data types
Mean, median and mode
Standard deviation and Variance
Normal / Non normal distributions
Confidence intervals

Key Statistical Principles
Null hypothesis
P values and significance
Type I and II error
Power and sample size
Precision and accuracy

Epidemiology
Prevalence and Incidence
Relative Risk and Odds Ratios

Error, Bias and Randomisation
Randomisation and selection bias
Error and observational bias

Sensitivity and Specificity
Positive & negative predictive values
Sensitivity and Specificity

Statistical Tests
Correlation coefficients
Parametric tests and non-parametric tests
Regression
Transformation of data
Which statistical test to use?

Studies and Trials
Cross sectional (prevalence) studies
Case control study and Cohort study
Randomised controlled trials
Systematic Reviews and Meta Analyses
Funnel and Forest Plots

Survival Analysis
Life table survival analysis
Kaplan-Meier survival analysis
REGISTRATION FEE £130 to include tea/coffee/lunch and course handbook.

To book on-line and pay by credit card please go to: https://store.nottingham.ac.uk and follow the links to conferences and events and click on Medicine.

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