



C2E2 Educational Series

Understanding Statistics in Medicine

The Centre for Clinical Epidemiology & Evaluation (C2E2) is offering a series of educational opportunities in Winter/Spring 2022.

LIMITED SPACE AVAILABLE

REGISTER at C2E2.ca/educationalseries2022

COURSE OVERVIEW

✓ **Module 1: Estimands, Estimators and Estimates**

Objectives:

- to understand the difference between estimands, estimators and estimates as they relate to randomized clinical trials (RCT)
- to recognize types of missing data mechanisms
- to appreciate that "intention-to-treat", "per-protocol" and "as-treated" analyses as typically conducted are unlikely to be valid
- to introduce statistical methods to increase internal validity in the presence of missing outcome data

✓ **Module 2: Common statistical concerns in clinical studies**

Objectives:

- to review the statistical concepts that are commonly misunderstood
- to review the most common statistical issues in the analysis and reporting of clinical research studies, how to recognise them and potential solutions

✓ **Module 3: Creating an analytic dataset & statistical analysis plan**

- developing a statistical analysis plan
- tips for creating an analytic dataset

COURSE FACULTY

Penelope Brasher, PhD

Co-Director, Senior Scientist / Biostatistician, C2E2, VCHRI

WHEN

June 14, 2022

1:00 pm - 4:30 pm

WHERE

C2E2 at Vancouver General Hospital
7th Floor, 828 West 10th Avenue
Vancouver

FEE

\$30 CAD

Early Bird \$25 CAD (until May 24)

Students \$25 CAD

Payment Methods: Visa or Mastercard

FOR MORE INFORMATION

Contact Pamela Lee at pamela.lee@ubc.ca

Visit www.C2E2.ca

