Objectives

- Refresh on the concepts on basic clinical research methodology and basic statistical theory of estimation & hypothesis testing
- Understand the effects of sample size on clinical results and sample size calculations methodology
- Set up a database in SPSS, perform simple manipulations on the data, create charts and simple descriptive statistics

Instructor

Ms Wong Hung Chew
BStats, MStats
Senior Biostatistician, Biostatistics Unit, NUS

SPSS Basics & Research Methodologies Workshop

23 & 25 October 2018
Tuesday & Thursday
9am – 5pm

National University of Singapore
Block MD1 (Tahir Foundation Building)
Computer Lab, Level 8
12 Science Drive 2
Singapore 117549

Organised By:
Medical Publications Support Unit

CPE points are in process of accreditation
**Programme**

<table>
<thead>
<tr>
<th>Time</th>
<th>Day 1: SPSS Basics</th>
<th>Day 2: Research Methodologies</th>
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<tbody>
<tr>
<td>8.30am</td>
<td>Registration</td>
<td>Registration</td>
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<tr>
<td>9.00am</td>
<td>Database Setup Using SPSS</td>
<td>Form Design</td>
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<td>10.00am</td>
<td>Break</td>
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<tr>
<td>10.30am</td>
<td>- Importing Files from Excel/Access</td>
<td>Research Methodologies:</td>
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<td>- Data Cleaning &amp; Integrity</td>
<td>- Clinical Trials</td>
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<td>- Merging Files</td>
<td>- Epidemiology Studies</td>
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<td>- Graphs</td>
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<td>12.00pm</td>
<td>Lunch</td>
<td>Lunch</td>
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<tr>
<td>1.00pm</td>
<td>- Computing, Recoding</td>
<td>Sample Size Calculations</td>
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<td>- Syntax Files</td>
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<td>3.00pm</td>
<td>Break</td>
<td>Break</td>
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<tr>
<td>3.30pm</td>
<td>Exercises</td>
<td>Exercises</td>
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<td>5.00pm</td>
<td>End</td>
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- Workshop will be held in a computer lab
- Workshop materials will be provided in soft copies only

**Registration Details**

To register for the workshop, access the following registration website:
https://itumed.nus.edu.sg/psu/registration/index.aspx

**Fee**

S$321 (with GST)

**Closing**

1st October 2018, Monday

(Please register early as only a limited number of seats are available. Registration is on a first-come-first-served basis, and confirmed upon receipt of payment.)

**Contacts**

Tel.: +65 6772 3818 (Ms Regine Tay)
Email: medrthy@nus.edu.sg (Ms Regine Tay)

**Mailing Address / Office**

The Secretariat
Medical Publications Support Unit
Dean's Office, Yong Loo Lin School of Medicine
National University of Singapore
IE Kent Ridge Road
NUHS Tower Block, Level 11
Singapore 119228

**Cancellation Policy**

Any cancellation must be conveyed to the Secretariat in writing. There will be no fee refund for any cancellation after 1st October 2018. The Organiser reserves the right to cancel the workshop and fully refund the participants should unforeseen circumstances necessitate it.