

Systematic reviews & Meta-analysis

Wednesday 1st – Friday 3rd June 2016

Room 318 (3rd floor)

Medical Learning Resource Center and Ramathibodi School of Nursing Building

Faculty of Medicine Ramathibodi Hospital

Wednesday 1st June

Time	Topic	Lecturer
08.30-09.00 09.00-12.00	Registration 1 st floor Review methodology <ul style="list-style-type: none">- Research question & objective- Locate and select studies- Design Data Extraction & risk of bias assessment forms- Plan for data analysis- Dummy tables- How to report	Assoc.Prof.Dr.Ammarin Thakkinstian
13.00-16.00	Advance searching	Dr.Sakda Arj-ong Vallipakorn

Thursday 2nd June

09.00-12.00	Reference management	Dr.Pawin Numthavaj
13.00-16.00	Basic Meta-analysis <ul style="list-style-type: none">- Pooling prevalence, Pooling mean- Pooling odds ratio, risk ratio, Pooling mean difference- Heterogeneity assessment: Meta-regression- Publication bias: funnel plots	Asst.Prof.Dr.Sasivimol Rattanasiri

Friday 3rd June

09.00-10.00	Critical appraisal : Systematic Review & Meta-analysis	Assoc.Prof.Dr.Atiporn Ingsathit
10.00-12.00	Meta-analysis for genetic association studies <ul style="list-style-type: none">- Assessing Hardy-Weinberg Equilibrium- Pooling allele data- Pooling genotypic data	Assoc.Prof.Dr.Ammarin Thakkinstian
13.00-16.00	Network meta-analysis: Multiple treatment comparisons <ul style="list-style-type: none">- Dichotomous outcome- Continuous outcome	Assoc.Prof.Dr.Ammarin Thakkinstian

*** For practical work STATA V.14 will be used ***