임상연구 설계와 분석을 위한 통계 방법

Boncho Ku, Ph.D., Senior researcher

16th November, 2017

KM Fundamental Research Division, Korea Institute of Oriental Medicine

Introduction

Type of Studies

Type of outcome variables

Sample size calculation

Introduction

Type of Studies

Overview

Study or trial?

Observational Study

Cross-sectional study (단면적 관찰연구)

- 1. prevalence study
- 2. Diagostic test
- 3. Ecological study
- 4. Validity, Reliability, and agreement study

Longitudinal study (종단적 관찰연구)

Experimental Study

Randomized controlled trial

Pilot study

Exploratory study

Confirmative study

Type of outcome variables

Primary outcomes

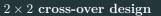
Secondary outcomes

Surrogate variables

Global assessment variable



Parallel design



Factorial design