

## Research Meeting – Systematic Review Methodology

Date: February 8, 2024

Speaker: Prof. Maria Janssen

Department: Clinical Epidemiology

Overview of systematic review and meta-analysis methods for evidence synthesis in clinical research.

### Topics:

- Literature search strategies (PubMed, Embase, Cochrane)
- Study selection and quality assessment
- Data extraction and management
- Statistical methods for meta-analysis
- Publication bias assessment
- GRADE approach for evidence quality

Case study: Systematic review of statin therapy in primary prevention.