Impact analysis

Validation

Derivation

Increasing level of evidence

Aim

Implementation

Study type

Description

Steps

**Theory**

- Identify potential predictive factors
  - Systematic review
  - Qualitative

**Statistical Derivation**

- Derivate predictive model
  - Cross-sectional
  - Case-control
  - Cohort

**Narrow Validation**

- Validate CPR with similar conditions as derivation cohort
  - Cross-sectional Cohort

**Broad Validation**

- Validate CPR in multiple different settings or for different populations
  - Systematic review

**Causal Effects**

- Measure effectiveness of CPR on clinical relevant outcomes using an experimental design
  - Cluster randomised trial (CRT)

**Dissemination**

- Long term dissemination and implementation of CPR
  - Survey Cohort
  - CRT

**Impact analysis**

**Steps**

- Identify potential predictive factors
- Derivate predictive model
- Validate CPR with similar conditions as derivation cohort
- Validate CPR in multiple different settings or for different populations
- Measure effectiveness of CPR on clinical relevant outcomes using an experimental design
- Long term dissemination and implementation of CPR