

**PHASE 1: RTQ V1 (first version with
45 items, n=1059)**

1. CONSTRUCT VALIDITY

- Principal Component Analysis

2. ACCEPTABILITY AND FEASIBILITY

- Response rate
- Missing values
- Floor and ceiling effect
- Skewness

3. RELIABILITY

- Inter-item correlation
- Cronbach's Alpha

4. ITEM REDUCTION

- Discussion with group of experts
- 13 items eliminated

5. PROPOSITION OF A NEW VERSION

- RTQ V2.0 (32 items)

**PHASE 2: RTQV2 (32 items,
n=1059)**

1. CONSTRUCT VALIDITY

- Principal Component Analysis
- Multitrait analysis
- *Item-internal consistency*
- *Item-discriminant validity*

3. RELIABILITY

- Cronbach's Alpha

2. CONVERGENT VALIDITY

- SF-36 correlations

4. UNIDIMENSIONALITY

- Rash analysis: Partial Credit Model

PHASE 3: RTQV2 (n=1591)

CONSTRUCT VALIDITY

- Confirmatory Factor Analysis