Name of Instrument: **St. Thomas’s Risk Assessment Tool in falling elderly inpatients (STRATIFY)**
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**Privacy Use Cost:** $
**Public Use Cost:** $

**Year Developed:** 1997

**Where to obtain Instrument:**
- Contact author

**Description of the Instrument**
- St. Thomas’s risk of assessment tool is used to identify clinical fall risk factors in the elderly and to predict chance.
- A risk assessment score (range 0 – 5) is derived by rating 1 for presence or 0 for absence of 5 fall risk factors (fall as a presenting complaint, a transfer and mobility score of 3 or 4+, agitation, frequent toileting, and visual impairment).
- The transfer and mobility score is (range 0-6) is obtained by combining the transfer and mobility sections of the Barthel index (each with ranges 0-3).
- A risk score of 2 or more (cut-off or high risk score) was calculated for 66 (93%) of the 71 fallers and for only 40 (12%) of the 324 non-fallers. A score of three or more identified 49 (69%) of the fallers and 12 (4%) of the non-fallers (i.e. sensitivity of 69% and specificity 96%)

**Form of instrument:**
- Hazard/Risk Assessment Tools

**Method of delivery:**
- Proxy Report (primary nurse’s judgment)
- In-person interview/assessment

**Relevance to injury/ Percentage of the instrument specific to injury**
- To predict chance/probability of falling in the elderly.
Time to administer or complete the instrument

Methods of data analyses:
- Quantitative

Setting/sample instrument used in:
- Elderly inpatients of St. Thomas’s Hospital for phase 1 & 2 (aged ≥ or = to 65 years):
  116 cases (116 falls were recorded) and 116 controls in phase 1.
- 217 patients in phase 2 (risk assessment tool was completed 395 times on 217 patients
  among whom 71 falls occurred in the week after an assessment.
- A total of 446 risk assessment were completed on 331 elderly patients of Kent and
  Canterbury Hospital in phase 3, who sustained 79 falls.

Was it pilot tested? No

Pilot test sample:

Reliability Measures

Validity Measures

Reference
evaluation of evidence based risk assessment tool (STRATIFY) to predict which elderly
inpatients will: case-control and cohort studies [papers]. British Medical Journal,
315(7115), 1049-1053.

Other References

Keywords: falls, elderly, risk assessment, seniors.