

**Sigma's VIRTUAL 31st International Nursing Research Congress (Wednesday, 22 July - Friday, 24 July)**

## **Content Validation of an Instrument for Identifying High-Need Older Adults in the Community**

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**Purpose:** The concept of older adults with high needs is not single-faceted, rather the result of multiple intertwined aspects. Current available assessment tools used for older adults lack multidimensional evaluation, and those measures are unsuitable to be used by community volunteers with no professional background. This study aimed to develop a brief and user-friendly screening scale to identify high-need older adults in the community that could serve as a care-visit guide for community volunteers.

**Methods:** This study was conducted in two phases. In the first phase, a two-round modified Delphi method involving 10 experts was performed to evaluate the relevancy of the dimensions and indicators, clarity of the item descriptions, and the suitability of score weighting using a 4-point scale. The item-level content validity index (I-CVI) and the overall scale-level content validity index (S-CVI) were used to assess content validity. In the second phase, the screening scale based on the results in the first phase was tested on 40 community volunteers, the potential screening scale users. A 10-point scale was used, and descriptive statistics of mean and standard deviation were used to describe the evaluation of clarity, relevance, and usefulness of the screening scale.

**Results:** In the first round of the modified Delphi, the I-CVIs on the content relevance, for the clarity of each item, and for the suitability of score weighting were all higher than 0.90 (S-CVI/Ave = 0.96), 0.80 (S-CVI/Ave = 0.97), and 0.80 (S-CVI/Ave = 0.90), respectively. In the second round, the scores for content relevancy, item clarity, and suitability of score weighting were all 1.0 (S-CVI/Ave = 1.0). The results of user evaluation in the second phase revealed average scores of  $9.23 \pm 1.00$  for item clarity,  $9.08 \pm 1.05$  for content relevance, and  $8.95 \pm 1.40$  for usefulness of screening.

**Conclusion:** The screening scale demonstrated adequate content validity. Global nurse practitioners who work at the community setting could further train the community volunteers to use the screening scale to identify high-need older adults in the community.

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**Title:**

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**Keywords:**

Community, Older adults and Screening scale development

**Abstract Summary:**

This presentation introduces a brief and user-friendly screening scale to identify high-need older adults in the community for global nurse practitioners/researchers who work with community older adults. The developmental process of the screening instrument will be presented.

**References:**

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