BACKGROUND

There were many tools to measure adherence in geriatric population around the world.

Direct Methods

Indirect Methods

Advantages of indirect compared to direct methods were:
- Easy and Fast to be performed
- Cheaper than direct methods

One of the most used indirect methods to measure adherence is questionnaire.

One of questionnaire that used to measure adherence is Adherence and Medication Refill Scale (ARMS).

The aim of the study is to identify validity and reliability Adherence to Refill and Medication Scale (ARMS) questionnaire for geriatric population with diabetes.

METHODS

Use 11 questions of Adherence to Refill and Medication Scale (ARMS) questionnaire.

In Indonesian geriatric population with diabetes (>55 years)

In three primary healthcare in Surabaya, East Java, Indonesia during September-Oktober 2014

RESULT

Final Cronbach’s alpha ARMS with 7 questions = 0.815

All of the corrected total-item correlation value from each questions > 0.3.

CONCLUSIONS

Adherence to Refill and Medication Scale (ARMS) is a reliable and valid questionnaire to determine the level of adherence in Indonesian geriatric population with diabetes.