Background
American Association of Diabetes Educators identified 7 domains of self-care behaviors essential for effective diabetes self-management from the extensive review of evidence and expert consensus. But measurement tool for self-management behaviors based on this framework has not been developed in Korea.

Purpose
The purposes of this study were to develop the diabetes self-management behavior scale for older Koreans (DSBS-OK) based on AADE-7 domains and to describe current status of diabetes self-management behaviors of Korean older adults in the community measured by the scale.

Method
The AADE-7 domains were utilized in developing the DSBS-OK items: being active, healthy eating, taking medication, glucose monitoring, problem solving, healthy coping and reducing risks. The scale was developed with consideration of feasibility and readability for targeting older adults with type 2 diabetes. The flow chart of the process of developing the DSBS-OK is shown in Figure 1.

Results
General characteristics of the subjects are shown in Table 1. The matching domains in between the two scales significantly correlated (r = .28-.63) except monitoring domain (r = .28). Thus the DSBS-OK was applied to 150 older adults (mean age 76.5 ±5.8 years) with diabetes in two senior centers. The preliminary items were modified after consulting with diabetes education experts. The test-retest reliability was tested using item Intra-Class correlation (ICC) with two data sets which measured 2 weeks interval for 10 subjects.

Discussion
The DSBS-OK scale showed good content validity, but reliability was not well supported. Results of content validity by expert is usually more important in criterion-referenced measurement, as this scale. The test-retest reliability was low, but it might be caused by small sample size. The domains not well practiced by older Koreans (healthy coping and problem solving) should be given more attention for diabetes education.

Conclusion
The DSBS-OK is a useful tool for measuring 7 domains of diabetes self-management behaviors for older Koreans. The scale is short and easy to use for older adults, but further work is required for reliability validation. Behaviors related to healthy coping and problem solving domain need more attention when designing diabetes self-management education program for older Koreans.