

Five-year Plan and Important Objectives Assessment (2017–2021) Report (Summary Version)

In order to clarify the future outlook of the organization, the Japan Academy of Diabetes Education and Nursing (JADEN) has highlighted the following five aspects of the Five-year Plan and Important Objectives for 2017 to 2021:

1. Outcomes of diabetes education and nursing research,
 2. Infrastructure development for a super-aging society,
 3. Consolidation of diabetes education and nursing research toward a comprehensive database,
 4. Training and utilization of human resources responsible for diabetes measures,
 5. Increasing awareness and dissemination of information to the general public,
- Each of the committees worked on these five aspects.

The Evaluation and Information Provision Committee was created at the 12th-period Committee Meeting to evaluate the Five-year Plan and Important Objectives, and an overall summary was created by the Future Planning Committee.

1. Outcomes of diabetes education and nursing research

One review article, 48 original articles, 14 research reports (up to the 9th period), 16 practical reports, and 20 other articles (14 documents, 4 committee reports, 2 short reports) were published in academic journals from the 8th period (from August 1, 2017) to the 11th period (up to September 26, 2021). However, the number of submissions to academic journals has been decreasing since 2018. The types of articles selected were narrowed down to exclude all but original articles, but lack of understanding about the goals of editing may have been one reason for this decrease in submissions. The decreasing number of submission recommendations from general presentations may have also played a role. To promote research activity, it is therefore necessary to encourage holding seminars and submitting manuscripts.

Two types of research grants have been offered since 2018, and a system has been established to encourage nurses working in clinical practice to conduct research related to practice. COVID-19 is partially responsible for the lack of increase in the number of applications; however, it is necessary to create a support system for research grant recipients in the future.

The International Relations Committee surveyed the current state of medical and nursing care of diabetes patients in eight countries and regions in East and Southeast Asia. The results of this study suggested the importance of promoting

specialized worker training and education and increasing awareness among patients and the general public, and focusing on challenges associated with gestational diabetes and type-1 diabetes.

The Future Planning committee changed its research priority from early-stage education to challenges related to COVID-19. Understanding the trends in both Japan and the international community is necessary for future research projects in the fields of diabetes education and nursing.

2. Infrastructure development for a super-aging society

By collecting data from members who provide nursing for older diabetes patients and identifying the associated challenges, we have investigated the goals of education and nursing for diabetes patients with a view to accommodating the needs of the super-aging society, and exchanged such data with members. Further dissemination of data to members and non-members is essential.

Furthermore, coordination and cooperation with various individuals, including non-medical care workers, is essential in providing care for community-dwelling older diabetes patients. Infrastructure that accommodates the needs of the super-aging society must be involved in network-building with other organizations and institutions to jointly investigate challenges and solutions.

3. Consolidation of diabetes education and nursing research toward a comprehensive database

Among the 16 original papers published in the *Journal of the Japan Academy of Diabetes Education and Nursing* that evaluated data for medical costs with a focus on research-related aspects from 2017 to 2021, only one was an interventional study evaluating diabetes education and nursing.

The lack of accumulated knowledge for evaluating practices in the field of diabetes nursing and their impact on medical costs makes it difficult to construct a comprehensive database. Collaboration with the Japan Diabetes Society and other academic societies intended to clearly demonstrate the effectiveness of evidence-based care and its impact on medical costs and the effectiveness of diabetes nursing technology remains a challenge, however.

4. Training and utilization of human resources responsible for diabetes measures

Through their activities, the Education & Training Committee, Membership Network Committee, and Future Planning Committee have collectively promoted training future human resources to handle diabetes cases. The Education & Training Committee has conducted training to prevent exacerbation (footcare), brush-up

training to prevent exacerbation (footcare), and training to improve the quality of care in prevention of diabetes-related dialysis. Furthermore, the Membership Network Committee representing each of the prefectures participate in two to four annual training sessions in their area and conduct activities such as information exchange. In addition, the block commission have led joint meetings and training sessions with the prefectural commission, analyzed the diabetes nursing challenges in each region, and conducted training sessions to improve the quality of diabetes nursing to meet the needs of the individual regions. However, the COVID-19 pandemic-related restrictions made it difficult to hold these group training sessions and meetings in 2020 to 2021. In order to continue supporting the acquisition of updated evidence-based knowledge in diabetes nursing in any region of the country, online training sessions using Zoom and a JADEN e-learning system are needed. However, system-building takes time, and video production has not advanced past the planning stage. A further important objective is to promote exchange of human resources who take on diabetes nursing roles through regional group training sessions so as to improve the quality of diabetes nursing nationwide and strengthen the network.

5. Increasing awareness and dissemination of information to the general public

To date, the Public Relations Committee has fostered dissemination of information through our website, newsletter, SNS (Facebook), and YouTube channel. We have also opened an English-language webpage through cooperation with the International Relations Committee. We are considering and preparing for a revamped and more appealing website for 2023. The main challenge we face in this endeavor is diffusion of information in real time to members and the general public.

The detailed Five-year Plan and Important Objectives (2017 to 2021) Report is published on the website in Japanese.

Link: https://jaden1996.com/cms/wp-ntent/uploads/2023/11/5kanenkeikaku_honbun.pdf

