

NEODIPPE

New Evidences On Diabetes Prevention and Patient Empowerment

ABSTRACT

There has been a fast development of new technological devices to monitor glucose levels, matching the ubiquitous dissemination of digital connectivity and social networking. The increase in social, educational, and age disparities among patients, more information on the web and social networks, and the development of better technological devices created a new environment characterized by several challenges. Unfortunately, the ecosystem for treating patients within this new reality has not changed, and there is a need to develop a better understanding of the real value generated by technologies in terms of the patient's behaviors and their decision processes to achieve higher levels of patient empowerment for Type1 and Type 2 diabetes prevention since they have related to different methods of risk perception. These challenges highlight the need to estimate the value offered to each patient by technology to achieve patient empowerment for more efficient prevention.

NEODIPPE is born to pursue a crystal clear mission: to explore and identify the best use of technological developments to empower patients to prevent and treat diabetes, which implies innovating the traditional paradigms of health services from occasional appointments to networking monitoring and empowerment, supporting the processes of decision making and proposing new approaches to clinical practices, health organizations, and public financing in terms of the latest needs, resources, and preferences of the patients. The four main objectives are:

1. Understanding the relationship between the features of the patients and their behavior concerning the risk perception of diabetes (either type 1 or type 2) and the use of technological devices;
2. Independent assessment of the technological devices considering a cost-benefit balance and their adoption for different types of patients;
3. Modelling the decision process of the patient to contribute to his empowerment to prevent diabetes, making the most appropriate use of information signals, and monitoring;
4. Proposing recommendations for clinical practice to cope with technologies and new organizational models to provide better health services for diabetes and more rational policies for public support, funding, and technological procurement.

NEODIPPE is devoted to INNOVATION in HEALTH, namely through:

- a better understanding of the relationship between patients and technologies;
- cost-benefit results assessing technologies;
- better models of the decision-making processes of the patients;
- how all these results can contribute to the empowerment of patients;
- new organizational models of the Health Services;
- new procedures for public financing and technological procurement.

These innovation paths match three major objectives:

- quality: better diabetes management;
- effectiveness: better use of technology;
- sustainability: better and more sustainable organizational and procurement health models.

KEYWORDS

- Diabetes
- Patients Empowerment
- Public funding
- Self-care
- Social Networks
- HTA
- Decision support

DURATION

30 months

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