What are the most valued patient outcomes regarding medical care for French patients with type 1 diabetes?

Results from an online patient community (carenity.com)

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BACKGROUND AND OBJECTIVES

Background
- In 2015, there was approximately 370,000 type 1 diabetic patients in France.1
- The ageing population and financial constraints have put a great strain on the French healthcare system. Value-based healthcare (VBHC) is emerging as a possible solution to build a more efficient healthcare system.

Objectives
- To define and rank the most valued outcomes in medical care for patients affected by type 1 diabetes (T1D).
- To better understand patients’ expectations for healthcare organizations and patient support services.

METHODS

Carenity platform
- CARENITY is an international online patient community devoted to people with chronic diseases. It allows patients and caregivers to share their experiences, to access medical information, and to participate in online surveys, generating real-world patient insights.
- Study design: The online survey submitted to CARENITY’s members has previously been set up by CARENITY.
- The online questionnaire was approved by a patient with life.

RESULTS

1/ RESPONDENTS’ PROFILE (N=67)

- Mean age: 51.6 years old (SD: 14.7)
- Date of diagnosis: 26.5 years ago (SD: 13.4)

- 73% female
- 27% male

AGE

<table>
<thead>
<tr>
<th>18-30 y.o</th>
<th>31-40 y.o</th>
<th>41-50 y.o</th>
<th>51-60 y.o</th>
<th>61-70 y.o</th>
<th>&gt; 70 y.o</th>
</tr>
</thead>
<tbody>
<tr>
<td>15%</td>
<td>15%</td>
<td>22%</td>
<td>31%</td>
<td>19%</td>
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TREATMENTS

- Insulin by pen: 51%
- Insulin by pump: 49%
- Lifestyle and dietary measures: 28%
- Adopted physical activities: 25%

2/ SATISFACTION AND PATIENTS’ EXPECTATIONS WITH MEDICAL CARE

The most expected

1 - Access to innovative treatments and medical devices
2 - Access to healthcare
3 - Patient’s opinion taken into account (innovative treatments)
4 - Coordinated and multidisciplinary medical care
5 - Listening skills and availability
6 - Quality of infrastructures and services
7 - Close one’s patients recommendation
8 - Medical care recommendation
9 - Reputation of healthcare organizations

The least expected

1 - At home
2 - At work
3 - At school
4 - At medical care
5 - At work
6 - At school
7 - At home
8 - At medical care

3/ SATISFACTION AND PATIENTS’ EXPECTATIONS WITH INFORMATION AND SERVICES

The most expected

1 - Connected medical devices
2 - Information and practical advice
3 - Scientific news
4 - Connected devices
5 - Lifestyle and dietary measures
6 - Websites/mobile applications
7 - Telemedicine
8 - Psychological support

The least expected

1 - Autonomy
2 - Ability to do physical activities
3 - Food choices
4 - Daily mood
5 - Impact on friends/family
6 - Love/sex life
7 - Professional life
8 - Social and family life

4/ INSUFFICIENT REIMBURSEMENT

(5 to be more reimbursed)

5/ IMPACT OF TYPE 1 DIABETES ON QUALITY OF LIFE (QOL)

The three most valuable factors that impact the quality of life of patients affected by T1D are:

1 - Daily mood
2 - Physical activities
3 - Social and family life

CONCLUSION AND PERSPECTIVES

- Listening skills and availability is the most important element in medical care for type 1 diabetic patients.
- Psychological support should be developed because it is expected by T1D patients.
- According to T1D patients, supportive care is not sufficiently reimbursed.
- Finally, the aspects of life that matter the most for patients are daily mood and physical activities.

Psychological support for T1D patients should be integrated in medical care by encouraging patient-care team communication and by improving the availability of healthcare professionals, as well as by offering reimbursed psychological support.