This is a Sample version of the

Diabetes Care Profile (DCP)

The full version of the DCP comes without ‘sample’ watermark.

The full complete 42 page version includes –

- DCP Overview information
- DCP Scoring/ Administration instructions
- DCP Complete (234 item criteria) Questionnaire/ Assessment

Buy full version here - for $7.00

Once you have paid for your item you will receive a direct link to download your full complete e-book instantly. You will also receive an email with a link to download your e-book. Each purchased product you order is available to download for 24 hours from time of purchase. Should you have any problems or enquiries please contact - info@agedcaretests.com

To see more assessments tests and scales go to - www.agedcaretests.com
Diabetes Care Profile

Overview:

Background and Development:

The DCP was developed as an instrument to assess social and psychological factors related to diabetes and its treatment. The questionnaire is self-administered and consists of 234 items including demographic information, self-care practices, and 116 questions divided into 16 profile scales with 4 to 19 questions per scale. It takes approximately 30 to 40 minutes to complete. The 16 profile scales assess control problems, social and personal factors, positive attitude, negative attitude, self-care ability, importance of care, self-care adherence, diet adherence, medical barriers, exercise barriers, monitoring barriers, understanding management practice, long-term care benefits, support needs, support, and support attitudes. In an initial study involving 1,017 patients in Michigan, internal reliability as measured by Cronbach’s α, was good to excellent, ranging from 0.60 to 0.95 for the profile scales. Significant differences were found between type I and type II diabetics for 6 of the 14 scales. Three scales (control problems, self-care ability, and self-care adherence) were significantly correlated with GHb level. A second study involving 576 patients again measured the reliability and validity of the DCP. Cronbach’s α ranged from 0.66 to 0.94 in this set of patients. Significant correlations were found between many of the DCP profile scales and independent psychological and social measures.

Assessment in Elderly Populations:

In a study measuring the reliability and validity of the instrument in an elderly population (average age 63.4) with NIDDM, 8 of the 16 profile scales showed good to excellent reliability (Cronbach’s α 0.60-0.95). The validity of the DCP was measured in comparison to the SF-36 and glycemic control. Correlations between DCP profile scales and SF-36 subscales were more often significant in the non-insulin using population than in the insulin using population. Significant correlations were found between selected DCP profile scales and glycemic control. An additional study with an elderly type 2 diabetic population (average age 62) also showed good to excellent reliability (Fitzgerald et al. 1998). Cronbach’s α for the 16 profile scales ranged from 0.66 to 0.97.

Assessment in Minority Populations:

This instrument has been tested with a Black population of type 2 diabetics in the metropolitan Detroit area to confirm the reliability of the instrument (Fitzgerald et al. 1998). Cronbach’s α for the 16 profile scores ranged from 0.70 to 0.97. No significant reliability differences were found between Black and White populations. The results of a two-way ANOVA suggest that insulin use has a greater impact than does ethnic background. Another study investigating the effects of ethnicity on DCP score showed an effect on only 3 of the profile scales (control, support, and support attitudes) (Fitzgerald et al. 2000).

Subsequent Studies:

Since many of the questions and profile scales deal primarily with insulin management, a study comparing the DCP with a global measure of health-related QOL (the SF-36) was conducted on the 8 profile scales which are appropriate for patients with NIDDM (Anderson et al. 1997). This study found good correlation between the two measures and with the number of complications for patients who have type 2 diabetes. In addition, the DCP has predictive validity regarding glycemic control. Using the DCP to assess QOL, another study investigating the cognitive aspects of the disease and the burden of diabetes care management on behavior, found that specific health-related behaviors and perceptions of control do influence QOL (Watkins et al. 2000).

Design Strengths and Weaknesses:

The DCP is an internally reliable and externally valid survey instrument. It has been tested in minority and elderly populations and has been shown to have no biases regarding these populations. With 234 questions and taking 30-40 minutes to complete it is a long survey tool. Since it is self-administered the length may hinder the completion of the survey by subjects. Response rates from mailed-in surveys typically were about 65%.

Contact Information:

Researchers can find the Diabetes Care Profile (as well as some of the other University of Michigan Diabetes surveys) at http://www.med.umich.edu/mdtco/. Select “Survey Instruments” from the menu. A letter of permission can also be obtained as well as the scoring formula. There is no cost to use the survey.

References:


This is the end of the SAMPLE DCP overview. Please return to page 1 to purchase complete version.
DCP Summary

Core Questions:
Section I – Demographics (Q1 – Q14)
Section II – Health Status (Q1 – Q2)
Section III – Education / Advice Received (Q1 – Q4)
Section IV – Understanding (Q1)
Section V – Support (Q1 – Q4)

Appendices:
Section VI – Control Problems Scale
Section VII – Social and Personal Factors Scale
Section VIII – Attitudes Toward Diabetes Scales
Section IX – Diet Adherence Scales
Section X – Long-term care benefits Scale
Section XI – Exercise Barriers Scale
Section XII – Monitoring Barriers and Understanding Management Practice Subscales
(Add understanding subscale to the end of Section IV)

Addition to Section I (Demographics) – Income Question (Q15)
Addition to Section I (Demographics) – Occupation Question (Q15 or Q16)

Replace Section II (Health Status) with SF-12
Replace Section II (Health Status) with SF-36
<table>
<thead>
<tr>
<th>Scale Name</th>
<th>Scale Equation</th>
<th>Special Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section IV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Understanding Mgt Practice</td>
<td>$\sum Q_{1a-j}/\text{Count of non-missing items}$</td>
<td>If Section III, Q4 = Yes.</td>
</tr>
<tr>
<td>Section V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Support Needs</td>
<td>$\sum Q_{1a-f}/\text{Count of non-missing items}$</td>
<td></td>
</tr>
<tr>
<td>Support Received</td>
<td>$\sum Q_{2a-f}/\text{Count of non-missing items}$</td>
<td></td>
</tr>
<tr>
<td>Support Attitudes</td>
<td>$\sum Q_{3a-f}/\text{Count of non-missing items}$</td>
<td>Reverse scores for Q3b, d &amp; f.</td>
</tr>
<tr>
<td>Section VI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control Problems</td>
<td>$\sum Q_{1, 2, 3, 4, 5a-g, 6a-h}/\text{Count of non-missing items}$</td>
<td></td>
</tr>
<tr>
<td>Section VII</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social &amp; Personal Factors</td>
<td>$\sum Q_{1, 2a-j, 3, 4}/\text{Count of non-missing items}$</td>
<td></td>
</tr>
</tbody>
</table>

This is the end of the SAMPLE DCP scoring instructions. Please return to page 1 to purchase complete version.
Diabetes Care Profile
Section I - Demographics

Please answer each of the following questions by filling in the blanks with the correct answers or by choosing the single best answer.

**Note:** For this survey, a Health Care Provider refers to a doctor, nurse practitioner, or physician assistant.

Q1. Age: ___ ___ years old

Q2. Birth date: ___ ___/___ ___/___ ___
   (Month / Day / Year)

Q3. Zip Code: ___ ___ ___ ___

Q4. Sex: [ ] 1 Male  [ ] 2 Female

Q5. What year were you first told you had diabetes? (Please enter the year) ___ ___ ___ ___

Q6. What is your marital status? (check one box)

   [ ] 1 Never married
   [ ] 2 Married
   [ ] 3 Separated/Divorced
   [ ] 4 Widowed

Q7. What is your ethnic origin/race? (check one box)

   [ ] 1 White
   [ ] 2 Black
   [ ] 3 Hispanic
   [ ] 4 Native American
   [ ] 5 Asian or Pacific Islander
   [ ] 6 Arabic
   [ ] 7 Other _______________
Q8. Where do you live most of the year? (check one box)

☐ 1 Your home, apartment or condo
☐ 2 Senior citizen apartment/condo
☐ 3 Home of a relative/friend
☐ 4 Retirement home
☐ 5 Adult foster care
☐ 6 Nursing home
☐ 7 Other ________________

Q9. How many people live with you? (check one box)

☐ 0 I live alone
☐ 1 1 person
☐ 2 2 people
☐ 3 3 people
☐ 4 4 people
☐ 5 5 or more

Q10. How much schooling have you had? (Years of formal schooling completed) (check one box)

☐ 1 8 grades or less
☐ 2 Some high school
☐ 3 High school graduate or GED
☐ 4 Some college or technical school
☐ 5 College graduate (bachelor’s degree)
☐ 6 Graduate degree
Q11. Which of the following best describes your current employment status? (check one box)

☐ 1 Working full-time, 35 hours or more a week
☐ 2 Working part-time, less than 35 hours a week
☐ 3 Unemployed or laid off and looking for work
☐ 4 Unemployed and not looking for work
☐ 5 Homemaker
☐ 6 In school
☐ 7 Retired
☐ 8 Disabled, not able to work
☐ 9 Something else? (Please specify): _______________________

Q12. How would you describe the insurance plan(s) you have had in the past 12 months? (check all that apply)

☐ 1 An individual plan – the member pays for the plan premium
☐ 2 A group plan through an employer, union, etc. – the employer pays all or part of the plan premium
☐ 3 U.S. Governmental Health Plan (e.g., Military, CHAMPUS, VA)
☐ 4 Medicaid
☐ 5 Medicare
☐ 6 I have not had an insurance plan in the past 12 months

This is the end of the SAMPLE DCP questionnaire. Please return to page 1 to purchase complete version.