Correlational Findings on Happiness and MEDICAL TREATMENT
Subject Code: M6

© on data collection: Ruut Veenhoven, Erasmus University Rotterdam

Classification of Findings

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Description</th>
<th>Nr of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>M6</td>
<td>MEDICAL TREATMENT</td>
<td>0</td>
</tr>
<tr>
<td>M6.1</td>
<td>Medical career</td>
<td>1</td>
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<tr>
<td>M6.1.1</td>
<td>Earlier medical treatment</td>
<td>29</td>
</tr>
<tr>
<td>M6.1.2</td>
<td>Change in medical treatment</td>
<td>2</td>
</tr>
<tr>
<td>M6.1.3</td>
<td>History of current treatment</td>
<td>2</td>
</tr>
<tr>
<td>M6.1.4</td>
<td>Later medical treatment</td>
<td>0</td>
</tr>
<tr>
<td>M6.2</td>
<td>Currently in treatment or not</td>
<td>6</td>
</tr>
<tr>
<td>M6.2.1</td>
<td>Visits to doctor</td>
<td>5</td>
</tr>
<tr>
<td>M6.2.2</td>
<td>In hospital</td>
<td>1</td>
</tr>
<tr>
<td>M6.3</td>
<td>Kind of current treatment</td>
<td>8</td>
</tr>
<tr>
<td>M6.4</td>
<td>Effect of treatment on happiness</td>
<td>13</td>
</tr>
<tr>
<td>M6.5</td>
<td>Attitudes to medical treatment</td>
<td>1</td>
</tr>
<tr>
<td>M6.5.1</td>
<td>Trust in medical professionals</td>
<td>6</td>
</tr>
<tr>
<td>M6.5.2</td>
<td>Satisfaction with health-services</td>
<td>7</td>
</tr>
</tbody>
</table>

Appendix 1 Happiness Items used
Appendix 2 Statistics used
Appendix 3 About the World Database of Happiness
Appendix 4 Further Findings in the World Database of Happiness
Appendix 5 Related Subjects
Findings on Happiness and MEDICAL TREATMENT

Cite as Veenhoven, R.: Findings on MEDICAL TREATMENT
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands
Correlational finding on Happiness and Medical career
Subject code: M6.1

Study

EVANS 1985

Reported in: Evans, R.W.; Manninen, D.L.; Garrison, L.P.; et al
The Quality of Life of Patients with End-Stage Renal Disease.
The New England Journal of Medicine, 1985, Vol. 312, 553 - 559. ISSN p 0028 4793
ISSN e 1533 4406
Page in Report: 555

Population: Patients with end-stage renal disease, 11 dialysis and transplantation centers, USA., 1983

Sample: Non-probability chunk sample

Non-Response: 10%

N: 859

Correlate

Authors label: duration of treatment
Our classification: Medical career, code M6.1
Measurement:

Remarks: No details are given about duration of treatment

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-SLW/c/sq/n/7/a

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study

CHIRI 1982
Findings on Happiness and MEDICAL TREATMENT

Reported in: Chiriboga, D.A. 
Consistency in Adult Functioning. The Influence of Stress. 
Ageing and Society, 1982, Vol. 2, 7 - 29. ISSN p 0144 686X; ISSN e 1469 1779
Page in Report: 23

Population: People in transition followed 11 years, metropolis, USA, 1969-1980

Sample:
Non-Response: Attrition after 11 years 24%
N: 163

Correlate

Authors label: Earlier number of doctor visits (1)
Our classification: Earlier medical treatment, code M6.1.1
Measurement: The number of visits to doctors reported for the year prior to the interview 11 years ago at T1 (1969)

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/cb</td>
<td>r</td>
<td>T1 doctor visits by T5 happiness (11 year interval)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Males: r = -.12 (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Females: r = -.12 (ns)</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study

Reported in: Evans, R.W.; Manninen, D.L.; Garrison, L.P.; et al
The Quality of Life of Patients with End-Stage Renal Disease.
The New England Journal of Medicine, 1985, Vol. 312, 553 - 559. ISSN p 0028 4793
ISSN e 1533 4406
Page in Report: 556
Findings on Happiness and Medical Treatment

Population: Patients with end-stage renal disease, 11 dialysis and transplantation centers, USA., 1983

Sample: Non-probability chunk sample

Non-Response: 10%

N: 859

Correlate

Authors label: previously failed transplantation

Our classification: Earlier medical treatment, code M6.1.1

Measurement:
- a. Home hemo-dialysis
- b. In-center dialysis
- c. CAPD

Measured Values: a = 18.1%, b = 12.7%, c = 13.6%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td></td>
<td>12.5% of all patients treated had a previously failed transplant</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment

Subject code: M6.1.1

Study: SPIJKE 2006

Reported in: Spijkerboer, A.W; Utens, E.M; De Koning, W.B; Bogers, A.J; et al Health-Related Quality of Life in Children and Adolescents after Invasive Treatment for Congenital Heart Disease. Quality of Life Research, 2006, Vol. 15, 663 - 673. ISSN p 0962 9343; ISSN e 1573 2649 DOI:10.1007/s11136-005-3692-z DOI 10.1007/s11136-005-3692-z

Page in Report: 668
Sample: Non-probability purposive sample
Non-Response: 27%
N: 113

Correlate

Authors label: Congenital heart disease in children
Our classification: Earlier medical treatment, code M6.1.1
Measurement:

1 Treated children: Survivors of first invasive treatment for congenital heart disease <8 years ago
0 Controls: same aged children randomly sampled from general population

Measured Values: N = 1: 113 0: 2324

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks
A-AB/cm/mq/v/32/a DM= 1 treated children M= 0,9
0 controls M= 2,7
Difference -1,8

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark. (Quality of Life in Denmark).
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp
Page in Report: 230

Population: 18-88 aged, general public, Denmark, 1993
Findings on Happiness and MEDICAL TREATMENT

Sample:  Non-probability purposive sample
Non-Response:  39%
N:  1494

Correlate

Authors label:  Operation under general anaesthesia (1)
Our classification:  Earlier medical treatment, code M6.1.1
Measurement:  Single question:
"Have you ever undergone an operation under general anaesthesia ?"
1: no
2: not sure
3: yes

Measured Values:  N: 1:612, 2:30, 3:824

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.07</td>
<td>1:Ms=7.95</td>
</tr>
<tr>
<td></td>
<td>p&lt;.01</td>
<td>2:Ms=7.59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3:Ms=7.65</td>
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<tr>
<td></td>
<td></td>
<td>All Mt=7.78</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=-.04 ns</td>
<td>1:Ms=7.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2:Ms=7.09</td>
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<tr>
<td></td>
<td></td>
<td>3:Ms=7.39</td>
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<tr>
<td></td>
<td></td>
<td>All Mt=7.45</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.02 ns</td>
<td>1:Ms=7.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2:Ms=6.41</td>
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<tr>
<td></td>
<td></td>
<td>3:Ms=6.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=6.95</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment
Findings on Happiness and MEDICAL TREATMENT

Subject code: M6.1.1

Study

Reported in: Ventegodt, S.
Livskvalitet i Danmark. (Quality of Life in Denmark).
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp
Page in Report: 240

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample

Non-Response: 39%

N: 1494

Correlate

Authors label: abortion (1)

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Single question:
"Do you ever had an abortion?"
1: no
2: yes, once
3: yes, twice
4: yes, 3 or more times


Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.06 ns</td>
<td>1:Ms=7.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2:Ms=7.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3:Ms=7.50</td>
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<tr>
<td></td>
<td></td>
<td>4:Ms=6.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=7.73</td>
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</tbody>
</table>
Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study  VENTE 1995

Reported in: Ventegodt, S.  
Livskvalitet i Danmark. (Quality of Life in Denmark). Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp  
Page in Report: 242

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample

Non-Response: 39%

N: 1494

Correlate

Authors label: miscarriage (1)

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Single question:
"Have you ever had a miscarriage?"
1: No
2: Not sure
3: Yes
Findings on Happiness and MEDICAL TREATMENT

**Measured Values:** N: 1:566, 2:15, 3:133

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A-AOL/m/sq/v/5/a</strong></td>
<td>r = -.03 ns</td>
<td>1: Ms = 7.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Ms = 7.66</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Ms = 7.60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt = 7.71</td>
</tr>
<tr>
<td><strong>O-SLu/c/sq/v/5/e</strong></td>
<td>r = -.02 ns</td>
<td>1: Ms = 7.45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Ms = 6.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Ms = 7.39</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt = 7.43</td>
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<tr>
<td><strong>O-HL/c/sq/v/5/h</strong></td>
<td>r = -.06 ns</td>
<td>1: Ms = 7.03</td>
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<tr>
<td></td>
<td></td>
<td>2: Ms = 6.84</td>
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<tr>
<td></td>
<td></td>
<td>3: Ms = 6.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt = 6.98</td>
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</tbody>
</table>

### Correlational finding on Happiness and Earlier medical treatment

**Subject code:** M6.1.1

**Study**

**VENTE 1996**

*Reported in:* Ventegodt, S.
Liskvalitet hos 4500 31-33-arige. (The Quality of Life of 4500 31-33-Years-Olds).
Page in Report: 240

**Population:** 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

**Sample:** Non-probability chunk sample

**Non-Response:** 39%

**N:** 4500
Correlate

Authors label: operation under general anaesthesia

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Single question:
"Have you ever undergone an operation under general anaesthesia?"
1: No
2: Not sure
3: Yes

Measured Values: N: All:4583; %:1:34,4; 2:2,9; 3:62,7

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
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<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.03</td>
<td>1: Mt=7.85</td>
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<tr>
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<td>p&lt;.03</td>
<td>2: Mt=7.40</td>
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<tr>
<td></td>
<td></td>
<td>3: Mt=7.70</td>
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<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=-.02 ns</td>
<td>1: Mt=7.51</td>
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<tr>
<td></td>
<td></td>
<td>2: Mt=6.90</td>
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<tr>
<td></td>
<td></td>
<td>3: Mt=7.39</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.01 ns</td>
<td>1: Mt=7.05</td>
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<tr>
<td></td>
<td></td>
<td>2: Mt=6.66</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt=7.03</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study VENTE 1996
Findings on Happiness and MEDICAL TREATMENT

Page in Report: 250

Population: 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

Sample: Non-probability chunk sample

Non-Response: 39%

N: 4500

Correlate

Authors label: abortion

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Single question: "Have you ever had an abortion?"
1: no
2: yes, once
3: yes, twice
4: yes, 3 or more times

Measured Values: N All:2437; 1:1471; 2:652; 3:237; 4:77

Remarks: women only

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r= -.07</td>
<td>1: Mt=7.83</td>
</tr>
<tr>
<td></td>
<td>p&lt; .00</td>
<td>2: Mt=7.58</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt=7.54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Mt=7.24</td>
</tr>
</tbody>
</table>
Findings on Happiness and Medical Treatment

O-SLu/c/sq/v/5/e  
\[ r = -0.09 \]  
\[ p < 0.00 \]  
1: Mt=7.59  
2: Mt=7.30  
3: Mt=7.21  
4: Mt=6.73

O-HL/c/sq/v/5/h  
\[ r = -0.07 \]  
\[ p < 0.00 \]  
1: Mt=7.19  
2: Mt=6.94  
3: Mt=6.84  
4: Mt=6.79

Correlational finding on Happiness and Earlier Medical Treatment

Subject code: M6.1.1

Study

VENTE 1997

Reported in: Ventegodt, S.  
Livskvalitet og Omstaedighedet Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).  
Page in Report: 178-200

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Mother's medication during pregnancy

Our classification: Earlier medical treatment, code M6.1.1
Findings on Happiness and Medical Treatment

**Measurement:** Mother's medication during pregnancy as reported in medical file
- 1: no medication
- 2: one of the following conditions:
  - 2b: antihistimines
  - 2c: antiepileptic
  - 2d: barbiturates
  - 2e: psychopharmacological (not including barbiturates) e.g. largactil or meprobamate
  - 2f: analgesic
  - 2g: antibiotics
  - 2h: chemotherapy
  - 2i: hormones - antihormones
  - 2j: diuretics
  - 2k: other + vaccination

**Measured Values:**

- **N first month:** 1: 4020, 2: 324, 2b: 9, 2c: 34, 2d: 58, 2e: 73, 2f: 23, 2g: 6, 2h: 11, 2i: 83, 2j: -, 2k: 27
- **N second month:** 1: 3722, 2: 491, 2b: 38, 2c: 34, 2d: 67, 2e: 100, 2f: 26, 2g: 12, 2h: 26, 2i: 129, 2j: 3, 2k: 56
- **N third month:** 1: 3506, 2: 920, 2b: 357, 2c: 34, 2d: 79, 2e: 132, 2f: 34, 2g: 12, 2h: 33, 2i: 147, 2j: 4, 2k: 88
- **N second trimester:** 1: 3262, 2: 1298, 2b: 282, 2c: 36, 2d: 143, 2e: 178, 2f: 74, 2g: 46, 2h: 148, 2i: 147, 2j: 42, 2k: 202
- **N third trimester:** 1: 3266, 2: 1266, 2b: 42, 2c: 41, 2d: 216, 2e: 205, 2f: 81, 2g: 38, 2h: 159, 2i: 81, 2j: 231, 2k: 172
- **N last month:** 1: 3010, 2: 1734, 2b: 102, 2c: 43, 2d: 372, 2e: 225, 2f: 72, 2g: 23, 2h: 108, 2i: 63, 2j: 574, 2k: 152

**Remarks:** DMt = 1 vs 2

Only absolute frequencies are given

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**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
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</thead>
</table>
### A-AOL/m/sq/v/5/a

<table>
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<tr>
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<th>trimester(t)</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>m1</td>
</tr>
<tr>
<td>Mt=</td>
<td>Mt=</td>
</tr>
<tr>
<td>1:</td>
<td>7.74</td>
</tr>
<tr>
<td>2:</td>
<td>7.45</td>
</tr>
<tr>
<td>2c:</td>
<td>7.94</td>
</tr>
<tr>
<td>2d:</td>
<td>7.63</td>
</tr>
<tr>
<td>2e:</td>
<td>7.40</td>
</tr>
<tr>
<td>2f:</td>
<td>6.20</td>
</tr>
<tr>
<td>2g:</td>
<td>7.09</td>
</tr>
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<td>2h:</td>
<td>7.50</td>
</tr>
<tr>
<td>2i:</td>
<td>7.56</td>
</tr>
<tr>
<td>2j:</td>
<td>-</td>
</tr>
<tr>
<td>2k:</td>
<td>7.41</td>
</tr>
</tbody>
</table>

### O-SLu/c/sq/v/5/e

<table>
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<th>month(m)</th>
<th>trimester(t)</th>
</tr>
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<td>m1</td>
</tr>
<tr>
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<td>Mt=</td>
</tr>
<tr>
<td>1:</td>
<td>7.41</td>
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<tr>
<td>2:</td>
<td>7.29</td>
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<tr>
<td>2c:</td>
<td>7.94</td>
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<td>2d:</td>
<td>7.46</td>
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<td>2f:</td>
<td>5.88</td>
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<td>2h:</td>
<td>6.81</td>
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<td>2i:</td>
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<td>2j:</td>
<td>-</td>
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<tr>
<td>2k:</td>
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</tbody>
</table>

### O-HL/c/sq/v/5/h

<table>
<thead>
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<th>trimester(t)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>m1</td>
</tr>
<tr>
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<td>Mt=</td>
</tr>
<tr>
<td>1:</td>
<td>7.03</td>
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<td>2:</td>
<td>6.74</td>
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<tr>
<td>2c:</td>
<td>7.50</td>
</tr>
<tr>
<td>2e:</td>
<td>6.71</td>
</tr>
<tr>
<td>2f:</td>
<td>6.65</td>
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<td>2g:</td>
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<td>2j:</td>
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<tr>
<td>2k:</td>
<td>6.39</td>
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</table>
Correlational finding on Happiness and Earlier medical treatment  
**Subject code: M6.1.1**

**Study**  
**VENTE 1997**

**Reported in:** Ventegodt, S.  
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).  
Page in Report: 202,204

**Population:** 31-33 aged, born at the university hospital, Denmark, 1993

**Sample:** Non-probability chunk sample

**Non-Response:** 36%

**N:** 4626

---

**Correlate**

**Authors label:** Mothers medication during pregnancy

**Our classification:** Earlier medical treatment, code M6.1.1

**Measurement:** Mothers medication during pregnancy as reported in medical file  
1: none  
2: one of the following medicines:  
   2b: antihistmines  
   2c: antiepileptic  
   2d: barbiturates  
   2e: psychopharmacological (not including barbiturates) e.g. largactil or meprobamate  
   2f: analgesic  
   2g: antibiotics  
   2h: chemotherapy  
   2i: hormones-antihormones  
   2j: diuretics  
   2k: other+vaccinations

**Measured Values:** N: 1:2105, 2:3395, 2b:518, 2c:43, 2d:451, 2e:392, 2f:157, 2g:120, 2h:361, 2i:250, 2j:620, 2k:483
**Remarks:** correlation(rs) and DMt are 1 vs 2
only absolute frequencies are given

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=-</td>
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<tr>
<td></td>
<td>1: Mt=7.75</td>
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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>2b: Mt=7.80</td>
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</tr>
<tr>
<td></td>
<td>2c: Mt=7.96</td>
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</tr>
<tr>
<td></td>
<td>2d: Mt=7.83</td>
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</tr>
<tr>
<td></td>
<td>2e: Mt=7.51</td>
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<tr>
<td></td>
<td>2f: Mt=7.64</td>
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</tr>
<tr>
<td></td>
<td>2g: Mt=7.84</td>
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</tr>
<tr>
<td></td>
<td>2h: Mt=7.49</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2i: Mt=7.81</td>
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<tr>
<td></td>
<td>rs=-0.01</td>
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<td>2e: Mt=7.26</td>
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<td>2f: Mt=7.25</td>
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<td>2g: Mt=7.50</td>
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<td>2h: Mt=7.13</td>
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<tr>
<td></td>
<td>2i: Mt=7.58</td>
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</tr>
<tr>
<td></td>
<td>2j: Mt=7.46</td>
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<td>2k: Mt=7.35</td>
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</tr>
<tr>
<td></td>
<td>rs=+0.00</td>
<td>p&lt;.961</td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Earlier medical treatment

Subject code: M6.1.1

Study

VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstædigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 206

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Mother's barbiturate use during pregnancy

Our classification: Earlier medical treatment, code M6.1.1
**Measurement:** Mother's barbiturate use during pregnancy as reported in medical file
1: never used barbiturates
2: used barbiturates:
   2a: in 1st month
   2b: in 2nd month
   2c: in 3rd month
   2d: in 2nd trimester
   2e: in third trimester
   2f: in last month

**Measured Values:** N: all:3040, 1:69,2%, 2 all:935, 2a:1,9%, 2b:2,2%, 2c:2,6%, 2d:4,7%, 2e:7,1%, 2f:12,2%

**Remarks:** DMt = 1 vs 2

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=+</td>
<td>1: Mt=7.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2a: Mt=7.63</td>
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<tr>
<td></td>
<td></td>
<td>2b: Mt=7.76</td>
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<tr>
<td></td>
<td></td>
<td>2c: Mt=7.81</td>
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<tr>
<td></td>
<td></td>
<td>2d: Mt=7.90</td>
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<tr>
<td></td>
<td></td>
<td>2e: Mt=7.73</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2f: Mt=7.78</td>
</tr>
</tbody>
</table>

| O-SLu/c/sq/v/5/e   | DMt=+      | 1: Mt=7.43          |
|                   |            | 2: Mt=7.54          |
|                   |            | 2a: Mt=7.46         |
|                   |            | 2b: Mt=7.46         |
|                   |            | 2c: Mt=7.60         |
|                   |            | 2d: Mt=7.55         |
|                   |            | 2e: Mt=7.44         |
|                   |            | 2f: Mt=7.59         |

Findings on Happiness and MEDICAL TREATMENT

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstædigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 208

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Mother's use of barbiturates during pregnancy: periods

Our classification: Earlier medical treatment, code M6.1.1
Findings on Happiness and MEDICAL TREATMENT

**Measurement:** Mother's use of barbiturates during pregnancy: periods as reported in medical file
1: never used
2: ever used:
   2a: 1 period
   2b: 2 periods
   2c: 3 periods
   2d: 4 periods
   2e: 5 periods
   2f: 6 periods

**Measured Values:** N: all:2556, 1:82%, 2a:9%, 2b:4%, 2c:2%, 2d:0,4%, 2e:0,3%, 2f:2%

**Remarks:** correlation(rs) and Dmt is 1 vs 2
The book didn't average the different sub 2's and so came to different correlations

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
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<th>Elaboration/Remarks</th>
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<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Dmt=+</td>
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</tr>
<tr>
<td></td>
<td>1: Mt=7.75</td>
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<td>2: Mt=7.82</td>
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<td>2a: Mt=7.93</td>
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<td></td>
<td>2b: Mt=7.64</td>
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<td>2c: Mt=7.75</td>
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<td>2d: Mt=7.75</td>
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<td></td>
<td>2e: Mt=8.58</td>
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<td>2f: Mt=7.66</td>
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<td></td>
<td>rs=+.37</td>
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<td>p&lt;.000</td>
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<td>O-SLu/c/sq/v/5/e</td>
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<td>1: Mt=7.43</td>
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<tr>
<td></td>
<td>2: Mt=7.26</td>
<td></td>
</tr>
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<td>2a: Mt=7.73</td>
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<td>2g: Mt=7.40</td>
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</tbody>
</table>
Findings on Happiness and Medical Treatment

O-SLu/c/sq/v/5/e \( rs = +0.02 \)
\( p < 0.265 \)

O-HL/c/sq/v/5/h \( DMt = + \)
1: \( Mt = 7.01 \)
2: \( Mt = 7.21 \)
2a: \( Mt = 7.10 \)
2b: \( Mt = 7.15 \)
2c: \( Mt = 7.00 \)
2d: \( Mt = 7.25 \)
2e: \( Mt = 7.50 \)
2f: \( Mt = 6.78 \)

O-HL/c/sq/v/5/h \( rs = -0.01 \)
\( p < 0.543 \)

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study
VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstædigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 210, 212

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Mother’s exposure to radiation before pregnancy

Our classification: Earlier medical treatment, code M6.1.1
Findings on Happiness and MEDICAL TREATMENT

**Measurement:** Mother's exposure to radiation before pregnancy as reported in medical file

1: no exposure to radiation
2: one of the following conditions:
   2b: employed using X rays or isotopes
   2c: examined or treated with isotopes
   2d: radiation treatment of genitalia
   2ea: X ray of abdomen or pelvis 1 time
   2fa: X ray of abdomen or pelvis 2 times
   2ga: X ray of abdomen or pelvis 3 times
   2ha: X ray of abdomen or pelvis 3 times or more times
   2ib: X ray of urinary tract 1 time
   2jb: X ray of urinary tract 2 times
   2kb: X ray of urinary tract 3 or more times


**Remarks:** rs and DMt is 1 vs 2
only absolute frequencies are given

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
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<tr>
<td>A-AOL/m/sq/w/5/a</td>
<td>DMt=</td>
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<td>1: Mt=7.76</td>
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</tr>
<tr>
<td></td>
<td>2d: Mt=5.63</td>
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</tr>
<tr>
<td></td>
<td>2ea: Mt=7.66</td>
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</tr>
<tr>
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<td>2fa: Mt=7.78</td>
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<tr>
<td></td>
<td>2ga: Mt=7.60</td>
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<tr>
<td></td>
<td>2ha: Mt=7.55</td>
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</tr>
<tr>
<td></td>
<td>2ib: Mt=7.66</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2jb: Mt=8.15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2kb: Mt=7.73</td>
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</table>

A-AOL/m/sq/w/5/a   rs= -.02
p<.169

Findings on Happiness and MEDICAL TREATMENT

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<td></td>
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<td>2ga:</td>
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<td>2ib:</td>
<td>Mt=7.44</td>
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<td>2jb:</td>
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<td>2kb:</td>
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</table>

O-SLu/c/sq/v/5/e  rs= .01  p<.357

<table>
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<tbody>
<tr>
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</table>

O-HL/c/sq/v/5/h  rs= .02  p<.137

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study      VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 214,216
Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Mother's exposure to radiation during 1st trimester of pregnancy

Our classification: Earlier medical treatment, code M6.1.1

Measurement:
Mother's exposure to radiation during 1st trimester of pregnancy as reported in medical file
1: no exposure
2: one of the following
   2b: employed using X rays or isotopes
   2c: repeated survey or detailed examination
   2d: urinary system (urograph, pyelograph)
   2e: pelvis, hip joint
   2f: routine TB examination
   2g: thorax/other X ray examination
   2h: radiation treatment


Remarks: DMt is 1 vs 2
only absolute frequencies are given

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>

Findings on Happiness and Medical Treatment during pregnancy in first trimester

A-AOL/m/sq/v/5/a  DMt=  
1: Mt=7.74  
2: Mt=7.54  
2b: Mt=8.00  
2c: Mt=8.44  
2d: Mt=8.13  
2e: Mt=7.50  
2f: Mt=7.68  
2g: Mt=7.18  
2h: Mt=6.36  

O-SLu/c/sq/v/5/e  DMt=  
1: Mt=7.43  
2: Mt=7.15  
2b: Mt=7.50  
2c: Mt=8.00  
2d: Mt=8.13  
2e: Mt=8.34  
2f: Mt=7.20  
2g: Mt=6.88  
2h: Mt=6.36  

O-HL/c/sq/v/5/h  DMt=  
1: Mt=7.04  
2: Mt=6.71  
2b: Mt=7.10  
2c: Mt=7.04  
2d: Mt=6.25  
2e: Mt=6.66  
2f: Mt=6.73  
2g: Mt=6.58  
2h: Mt=6.59  

Correlational finding on Happiness and Earlier medical treatment

Subject code: M6.1.1

Study VENTE 1997
Findings on Happiness and MEDICAL TREATMENT


Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Surgical intervention in the first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Surgical intervention in the first year of life as reported in medical file

a: fracture of the extremities
b: other fracture
c: acute abdomen, operated upon
d: acute abdomen, not operated upon
e: anus: fissure/stenosis/varices
f: phimosis manipulation
g: hydrocele testes and similar
h: umbilical hernia
i: inguinal hernia
j: other operations (paracentese among others)
k: other

Measured Values: N all:653, a:0.1%, b:6.5%, c:0.4%, d:0.8%, e:0.3%, f:0.6%, g:0.6%, h:1.1%, i:0.9%, j:3.6%, k:0.1%

Remarks: Surgical patients only

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks

Findings on Happiness and MEDICAL TREATMENT

Correlational finding on Happiness and Earlier medical treatment

Subject code: M6.1.1

Study VENTE 1997
Findings on Happiness and MEDICAL TREATMENT

Reported in: Ventegodt, S.
Livskvalitet og Omstændigheder Tidligt i Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 314-318

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Treatment and prophylaxis in first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Treatment and prophylaxis in first year of life as reported in medical file
1: no treatment
2: one of the following treatments:
   2b: strong laxative/enema
   2c: mild laxative:milksugar/constipation treatment/oarafin preparation/malt extract
   2d: penicillin 1-2 times
   2e: penicillin more than 2 times
   2f: sulfonamide 1-2 times
   2g: sulfonamide more than 2 times
   2h: wide spectrum of antibiotics 1-2 times
   2i: wide spectrum of antibiotics more than 2 times
   2j: diet for over a week
   2k: other medical treatment
   2l: small pox vaccination in first half year
   2m: small pox vaccination in second half year
   2n: gammaglobin or human serum

Measured Values: N all:4347, 1:42,2%, 2:57.6% 2b:0,5%, 2c:1,1%, 2d:27,0%, 2e:3,8%, 2f:6,8%, 2g:0,5%, 2h:3,3%, 2i:0,1%, 2j:2,9%, 2k:8,5%, 2l:0,1%, 2m:2,0%, 2n:1,9%

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks
### Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>A-AOL/m/sq/v/5/a</th>
<th>DMt=+</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Mt=7.71</td>
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<td>2: Mt=7.80</td>
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<tr>
<td>2b: Mt=7.39</td>
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</tr>
<tr>
<td>2c: Mt=7.29</td>
<td></td>
</tr>
<tr>
<td>2d: Mt=7.80</td>
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<tr>
<td>2e: Mt=7.70</td>
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<tr>
<td>2f: Mt=7.75</td>
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<tr>
<td>2g: Mt=8.25</td>
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<tr>
<td>2h: Mt=7.90</td>
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<tr>
<td>2i: Mt=8.13</td>
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<tr>
<td>2j: Mt=8.08</td>
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<tr>
<td>2k: Mt=7.79</td>
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<tr>
<td>2l: Mt=7.50</td>
<td></td>
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<tr>
<td>2m: Mt=7.73</td>
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<tr>
<td>2n: Mt=8.25</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>O-SLu/c/sq/v/5/e</th>
<th>DMt=+</th>
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</thead>
<tbody>
<tr>
<td>1: Mt=7.36</td>
<td></td>
</tr>
<tr>
<td>2: Mt=7.44</td>
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<td>2b: Mt=7.06</td>
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<tr>
<td>2c: Mt=7.08</td>
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</tr>
<tr>
<td>2d: Mt=7.50</td>
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</tr>
<tr>
<td>2e: Mt=7.15</td>
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<tr>
<td>2f: Mt=7.43</td>
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<tr>
<td>2g: Mt=7.88</td>
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<td>2h: Mt=7.46</td>
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<tr>
<td>2i: Mt=8.13</td>
<td></td>
</tr>
<tr>
<td>2j: Mt=7.36</td>
<td></td>
</tr>
<tr>
<td>2k: Mt=7.39</td>
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</tr>
<tr>
<td>2l: Mt=7.00</td>
<td></td>
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<td>2m: Mt=7.34</td>
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</tr>
<tr>
<td>2n: Mt=7.93</td>
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<table>
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<tr>
<th>O-HL/c/sq/v/5/h</th>
<th>DMt=+</th>
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<tbody>
<tr>
<td>1: Mt=7.01</td>
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<td>2: Mt=7.04</td>
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</tr>
<tr>
<td>2b: Mt=7.29</td>
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</tr>
<tr>
<td>2c: Mt=6.96</td>
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<tr>
<td>2d: Mt=7.01</td>
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<td>2g: Mt=7.25</td>
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<td>2h: Mt=7.05</td>
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<tr>
<td>2i: Mt=8.75</td>
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<td>2m: Mt=7.14</td>
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<td>2n: Mt=7.26</td>
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</table>
Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study

VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark,
Page in Report: 330,332

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Special treatment right after birth

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Special treatment right after birth as reported in medical file
1: no special treatment
2: one of the following treatments:
   2a: incubator with oxygen
   2b: incubator without oxygen
   2c: warm room
   2d: oxygen by funnel
   2e: oxygen into stomach trough tube
   2f: artificial respiration
   2g: respiration with positive pressure
   2h: stimulation
   2i: larynx suction

Measured Values: N all:4517, 1:73,5%, 2b:11,1%, 2c:0,3%, 2d:9,2%, 2e:2,5%, 2f:0,2%,
2g:0,2%, 2h:1,6%, 2i:0,4%, 2j:0,8%
Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=</td>
<td>1: Mt=7.73</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.71</td>
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<tr>
<td></td>
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<td>2a: Mt=7.60</td>
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<td>2b: Mt=7.89</td>
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<tr>
<td></td>
<td></td>
<td>2c: Mt=7.80</td>
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<td></td>
<td></td>
<td>2d: Mt=7.76</td>
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<td></td>
<td></td>
<td>2e: Mt=8.25</td>
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<td>2f: Mt=7.50</td>
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<td></td>
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<td>2g: Mt=7.98</td>
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<td>2h: Mt=7.94</td>
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<tr>
<td></td>
<td></td>
<td>2i: Mt=7.30</td>
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<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=+</td>
<td>1: Mt=7.39</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.44</td>
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<tr>
<td></td>
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<td>2a: Mt=7.36</td>
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<td></td>
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<td>2b: Mt=7.50</td>
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<td>2c: Mt=7.46</td>
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<td>2d: Mt=7.61</td>
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<td></td>
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<td>2e: Mt=6.75</td>
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<td></td>
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<td></td>
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<td>2g: Mt=7.23</td>
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<td></td>
<td>2h: Mt=7.35</td>
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<tr>
<td></td>
<td></td>
<td>2i: Mt=6.83</td>
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</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1
Findings on Happiness and Medical Treatment

**Study**


**Page in Report:** 438

**Population:** 31-33 aged, born at the university hospital, Denmark, 1993

**Sample:** Non-probability chunk sample

**Non-Response:** 36%

**N:** 4626

**Correlate**

**Authors label:** Treatment right after birth

**Our classification:** Earlier medical treatment, code M6.1.1

**Measurement:** Treatment right at day 5, as reported in medical file
- a: cortisone
- b: penicillin
- c: alevaire (tent with aerosol atmosphere to reduce surface tension in lungs)
- d: infusion of fluid (saline, etc)

**Measured Values:** N all:635, a:1.6%, b:64.1%, c:6.5%, d:27.9%

**Remarks:** Treated Ss only

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>D Mt=++</td>
<td>a: Mt=8.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=7.86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=7.63</td>
</tr>
</tbody>
</table>
### Correlational finding on Happiness and Earlier medical treatment

**Subject code:** M6.1.1

#### Study

**VENTE 1997**


*Population:* 31-33 aged, born at the university hospital, Denmark, 1993

*Sample:* Non-probability chunk sample

*Non-Response:* 36%

*N:* 4626

#### Correlate

*Authors label:* Examining doctor shortly after birth

<table>
<thead>
<tr>
<th>Variable</th>
<th>BMCT</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>ns</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=+</td>
<td>a: Ms=7.75, b: Ms=7.34, c: Ms=7.75, d: Ms=7.33</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>ns</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=+</td>
<td>a: Ms=6.75, b: Ms=6.90, c: Ms=7.08, d: Ms=6.86</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>ns</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

**Our classification:** Earlier medical treatment, code M6.1.1

**Measurement:** Examining doctor shortly after birth as reported in medical file
- a: examination by Q
- b: examination by JP
- c: examination by ZC
- d: examination by other
Assessed at day 1 and day 5

**Measured Values:**
- N day 1 all:4213, %:a:4,5, b:7,9, c:82,5, d:5,1 N day 5 all:4101, %:a:2,6, b:5,2, c:83,2, d:9.0

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=±</td>
<td>day 1       day 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a: Mt=7.65   a:7.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.85   b:7.63</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=7.71   c:7.71</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=7.98   d:7.90</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=±</td>
<td>day 1       day 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a: Mt=7.58   a:7.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.51   b:7.46</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=7.39   c:7.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=7.55   d:7.53</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=±</td>
<td>day 1       day 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a: Mt=7.06   a:7.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.09   b:7.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=7.00   c:7.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=7.14   d:7.11</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Earlier medical treatment**

**Subject code:** M6.1.1

Study VENTE 1997

Findings on Happiness and MEDICAL TREATMENT

Reported in: Ventegodt, S.
Livskvalitet og Omstændigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 458

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Hospitalization in the first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Hospitalization in the first year of life as reported in medical file
   a: more than 4 months in the first half year
   b: more than 4 months in the 2nd half year
   c: time unknown

Measured Values: N all=3398; a:10, b:9, c:3379,

Remarks: only absolute values are given

Observed Relation with Happiness

Happiness Measure                  Statistics    Elaboration/Remarks
A-AOL/m/sq/v/5/a                   DMt=         a: Mt=8.25
                                      b: Mt=7.78
                                      c: Mt=7.74
A-AOL/m/sq/v/5/a                   rs=01        rs (a+b) vs c
                                      p<.684
Findings on Happiness and MEDICAL TREATMENT

O-SLu/c/sq/v/5/e  
DMt=  
a: Mt=8.50  
b: Mt=8.34  
c: Mt=7.40  

rs=-0.03  
rs(a+b) vs c  
p<.052

O-HL/c/sq/v/5/h  
DMt=  
a: Mt=8.50  
b: Mt=7.50  
c: Mt=7.01  

rs=-0.04  
rs(a+b) vs c  
p<.026

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study  
VENTE 1997

Reported in: Ventegodt, S.  
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).  
Page in Report: 544

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Paediatric checks in first year of life

Our classification: Earlier medical treatment, code M6.1.1
Findings on Happiness and MEDICAL TREATMENT

**Measurement:** Paediatric checks in first year of life as reported in medical file
1: 5 week examination undertaken
2: 5 month examination undertaken
3: 10 month examination undertaken
4: all three examinations undertaken

**Measured Values:** N: 1:693, 2:975, 3:505, 4:2091,

**Remarks:** only absolute frequencies are given

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>
| **A-AOL/m/sq/v/5/a** | DMt=± | 1: Mt=7.74  
2: Mt=7.78  
3: Mt=7.69  
4: Mt=7.74 |
| **O-SLu/c/sq/v/5/e** | DMt=± | 1: Mt=7.43  
2: Mt=7.39  
3: Mt=7.30  
4: Mt=7.44 |
| **O-HL/c/sq/v/5/h** | DMt=± | 1: Mt=7.05  
2: Mt=7.04  
3: Mt=6.93  
4: Mt=7.03 |

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**Correlational finding on Happiness and Earlier medical treatment**

**Subject code:** M6.1.1

**Study**  
VENTE 1997
Findings on Happiness and MEDICAL TREATMENT

Reported in: Ventegodt, S.
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 548,550

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Pertussis vaccinations in first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Pertussis vaccinations in first year of life as reported in medical file
1: not done
2: 1 injection
3: 2 injections
4: 3 injections
5: 4 injections
6: 5 or more injections

Measured Values: N all:3832, 1:24,9%, 2:6,2%, 3:8,0%, 4:56,1%, 5:3,0%, 6:1,7%

Remarks: Pertussis is commonly known as whooping cough

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a DMt=+</td>
<td>1: Mt=7.69 2: Mt=7.64 3: Mt=7.59 4: Mt=7.84 5: Mt=7.54 6: Mt=7.73</td>
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</tbody>
</table>

Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>Variable</th>
<th>Correlation</th>
<th>p-value</th>
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<tbody>
<tr>
<td>A-AOL/m/sq/v5/a</td>
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<td>p&lt;.1260</td>
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<tr>
<td>O-SLu/c/sq/v5/e</td>
<td>DMt=±</td>
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<tr>
<td>O-HL/c/sq/v5/h</td>
<td>DMt=±</td>
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<td>O-HL/c/sq/v5/h</td>
<td>r=+.02</td>
<td>p&lt;.2113</td>
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**Correlational finding on Happiness and Earlier medical treatment**

**Subject code: M6.1.1**

**Study**

**VENTE 1997**

*Reported in:*
Ventegodt, S.
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 552,554

**Population:**
31-33 aged, born at the university hospital, Denmark, 1993

**Sample:**
Non-probability chunk sample

**Non-Response:**
36%

**N:**
4626
Findings on Happiness and Medical Treatment

Correlate

Authors label: Tetanus vaccinations in first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Tetanus vaccinations in first year of life as reported in medical file
1: not done
2: 1 injection
3: 2 injections
4: 3 injections
5: 4 injections

Measured Values: N all: 4078, 1: 7.9%, 2: 4.0%, 3: 49.7%, 4: 38.2%, 5: 0.2%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
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<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
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<td>1: Mt=7.70</td>
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<tr>
<td></td>
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<td>3: Mt=7.73</td>
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<td>5: Mt=7.23</td>
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<td>r=+.02</td>
<td>p&lt;.0173</td>
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<td>2: Mt=7.38</td>
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<td>3: Mt=7.41</td>
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<td>4: Mt=7.45</td>
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<tr>
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<td>5: Mt=7.23</td>
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<tr>
<td></td>
<td>r=+.02</td>
<td>p&lt;.1296</td>
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<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>D Mt=</td>
<td>1: Mt=6.93</td>
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<td>2: Mt=7.18</td>
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<td>3: Mt=6.98</td>
</tr>
<tr>
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<td></td>
<td>4: Mt=7.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5: Mt=6.39</td>
</tr>
</tbody>
</table>
Findings on Happiness and Medical Treatment

<table>
<thead>
<tr>
<th>O-HL/c/sq/v/5/h</th>
<th>r=+.02</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>p&lt;.2423</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier medical treatment
Subject code: M6.1.1

Study
VEENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstændigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 556

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Correlate

Authors label: Polio vaccination in first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Polio vaccination in first year of life as reported in medical file
1: not done
2: 1 injection
3: 2 injections
4: 3 injections
5: 4 injections

Measured Values: N all:4073, 1:7,0%, 2:3,8%, 3:10,3%, 4:78,6%, 5:0,3%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>

Findings on Happiness and Medical Treatment

<table>
<thead>
<tr>
<th>Group</th>
<th>DMt=±</th>
<th>1: Mt=</th>
<th>2: Mt=</th>
<th>3: Mt=</th>
<th>4: Mt=</th>
<th>5: Mt=</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td></td>
<td>7.75</td>
<td>7.51</td>
<td>7.55</td>
<td>7.78</td>
<td>8.04</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td></td>
<td>7.33</td>
<td>7.16</td>
<td>7.26</td>
<td>7.45</td>
<td>8.04</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td>7.05</td>
<td>7.08</td>
<td>6.94</td>
<td>7.03</td>
<td>6.79</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Earlier Medical Treatment

Subject code: M6.1.1

Study VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).
Page in Report: 560

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample
Findings on Happiness and Medical Treatment

Non-Response: 36%
N: 4626

Correlate

Authors label: BCG vaccination (tuberculosis) in first year of life

Our classification: Earlier medical treatment, code M6.1.1

Measurement: BCG vaccination (tuberculosis) in first year of life as reported in medical file
1: no BCG vaccinations
2: BCG in 1 month
3: BCG in 2-3 month
4: BCG in 3-6 month
5: BCG in 6-9 month
6: BCG after more than 9 months

Measured Values: N all:852, 1:45,8%, 2:17,3%, 3:13,9%, 4:5,3%, 5:2,5%, 6:15,2%

Remarks: Vaccination on tuberculosis

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>D Mt=±</td>
<td>1: Mt=7.70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt=7.60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Mt=6.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5: Mt=7.63</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6: Mt=8.04</td>
</tr>
</tbody>
</table>

A-AOL/m/sq/v/5/a   r=+.02  p<.5402
### Correlational finding on Happiness and Earlier medical treatment

**Subject code: M6.1.1**

#### Study

*Reported in:* Ventegodt, S.  
Livskvalitet og Omstaedigheder Tidligt I Livet. (The Quality of Life and Factors in Pregnancy, Birth and Infancy).  
Page in Report: 458

*Population:* 31-33 aged, born at the university hospital, Denmark, 1993

*Sample:* Non-probability chunk sample

*Non-Response:* 36%

*N:* 4626

#### Correlate

*Authors label:* Hospitalisation in first year in months

<table>
<thead>
<tr>
<th>Subject code</th>
<th>Correlate</th>
<th>Values</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=±</td>
<td>1: Mt=7.40, 2: Mt=7.46, 3: Mt=7.08, 4: Mt=6.78, 5: Mt=7.86, 6: Mt=7.69</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=+.02</td>
<td>p&lt;.4687</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=±</td>
<td>1: Mt=7.03, 2: Mt=6.96, 3: Mt=6.88, 4: Mt=6.50, 5: Mt=6.66, 6: Mt=7.06</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.01</td>
<td>p&lt;.6858</td>
<td></td>
</tr>
</tbody>
</table>
**Our classification:** Earlier medical treatment, code M6.1.1

**Measurement:** Length of hospitalization in the first year of life as reported in medical file
1: 1-2 months
2: 3-4 months
3: 5-6 months
4: 7-8 months
5: 9-10 months
6: 11-12 months

**Measured Values:** N months: 1:10.2%, 2:4.6%, 3:2.7%, 4:2.5%, 5:2.1%, 6:2.3%

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.69</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: Mt=7.53</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: Mt=7.86</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: Mt=7.85</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6: Mt=7.85</td>
<td></td>
</tr>
</tbody>
</table>

| O-SLu/c/sq/v/5/e  | DMt=±      |                     |
|                   | 1: Mt=7.44 |                     |
|                   | 2: Mt=7.43 |                     |
|                   | 3: Mt=7.30 |                     |
|                   | 4: Mt=7.73 |                     |
|                   | 5: Mt=7.39 |                     |
|                   | 6: Mt=7.35 |                     |

| O-HL/c/sq/v/5/h   | DMt=±      |                     |
|                   | 1: Mt=7.04 |                     |
|                   | 2: Mt=6.88 |                     |
|                   | 3: Mt=7.06 |                     |
|                   | 4: Mt=7.13 |                     |
|                   | 5: Mt=6.79 |                     |
|                   | 6: Mt=7.00 |                     |

**Correlational finding on Happiness and Earlier medical treatment**

**Subject code:** M6.1.1
Findings on Happiness and MEDICAL TREATMENT

VENTE 1997


Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Pertussis vaccination, manner of administration

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Pertussis vaccination, manner of administration as reported in medical file
1: interval under 2 months
2: interval over 2 months
3: triple vaccination
4: series less than 14 days

Measured Values: N all:2561, 1:50,5%, 2:2,5%, 3:0,3%, 4:5,4%

Remarks: Pertussis is commonly known as whooping cough

Observed Relation with Happiness

Happiness Measure | Statistics | Elaboration/Remarks
---|---|---
A-AOL/m/sq/v/5/a | DMt=+ | 1: Mt=7.79
| | | 2: Mt=7.85
| | | 3: Mt=6.93
| | | 4: Mt=7.75
Correlational finding on Happiness and Earlier medical treatment

Subject code: M6.1.1

Study VENTE 1997


Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Tetanus vaccination, administration

Our classification: Earlier medical treatment, code M6.1.1
**Findings on Happiness and MEDICAL TREATMENT**

**Measurement:** Tetanus vaccination, administration as reported in medical file
1: not done
2: interval under 2 months
3: interval over 2 months
4: triple vaccination, 1 time
5: triple vaccination, 2 or more times

**Measured Values:** N: 1:321, 2:3173, 3:71, 4:5, 5:14

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.75</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: Mt=8.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: Mt=9.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: Mt=7.33</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.43</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: Mt=7.54</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: Mt=9.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: Mt=7.14</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=6.93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: Mt=7.15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4: Mt=8.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5: Mt=7.33</td>
<td></td>
</tr>
</tbody>
</table>

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**Correlational finding on Happiness and Earlier medical treatment**

**Subject code:** M6.1.1

**Study** VENTE 1997
Findings on Happiness and Medical Treatment


Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Correlate

Authors label: Polio vaccination, administration

Our classification: Earlier medical treatment, code M6.1.1

Measurement: Polio vaccination, administration as reported in medical file
1: not done
2: interval less than 2 months
3: interval over 2 months

Measured Values: N all:3582, 1:8.0%, 2:89.5%, 3:2.5%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=+</td>
<td>1: Mt=7.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt=7.84</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=+</td>
<td>1: Mt=7.33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt=7.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt=7.34</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Change in medical treatment

Subject code: M6.1.2

Study

**EVANS 2005**


*Population:* 18-65 aged in good, moderate and poor mental health, followed 2 years, UK, 1999-2001

*Sample:* Mixed samples

*Non-Response:* Non-response at T1: 83% Drop-out at T2: 50%

*N:* 1912

Correlate

*Authors label:* Change in health consultations

*Our classification:* Change in medical treatment, code M6.1.2

*Measurement:* T1-T2 change in response to question: Seen a doctor for physical illness in the last year?

0 no
1 yes

*Measured Values:* 0; 37.4% 1: 62.6%

*Remarks:* Assessed at T1 and T2 (2 years interval)

Observed Relation with Happiness
Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = .10</td>
<td>T1-T2 INCREASE in health consultations by T2 happiness</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = +.17</td>
<td>T1-T2 DECREASE in health consultations by T2 happiness</td>
</tr>
<tr>
<td></td>
<td>p &lt; .10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>B's controled for:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 happiness</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 mental health status (good, moderate, poor)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 objective conditions</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = -.72</td>
<td>Changes in mental health</td>
</tr>
<tr>
<td></td>
<td>p &lt; .0001</td>
<td>T1-T2 INCREASE in mental health by T2 happiness</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = -.32</td>
<td>Changes in mental health</td>
</tr>
<tr>
<td></td>
<td>p &lt; .05</td>
<td>T1-T2 DECREASE in income by T2 happiness</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>B's controled for:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 happiness</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 mental health status (good, moderate, poor)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- T1 objective conditions</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Change in medical treatment
Subject code: M6.1.2

Study EVANS 2005

Reported in: Evans, S.; Huxley, P.
Adaptation, Response-shift and Quality of Life Ratings in Mentally Well and Unwell Groups.
Page in Report: 1730

Population: 18-65 aged in good, moderate and poor mental health, followed 2 years, UK, 1999-2001

Sample: Mixed samples
Correlate

Authors label: Change in mental health consultations

Our classification: Change in medical treatment, code M6.1.2

Measurement: T1-T2 change in response to question: Seen a doctor for your nerves in the last year?
0 no
1 yes

Measured Values: 0: 89.1%, 1: 10.9%

Remarks: T1-T2 2 years

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = .72,p &lt;.001</td>
<td>T1-T2 INCREASE in mental health consultations ny T2 happiness</td>
</tr>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>B = +.32,p &lt;.05</td>
<td>T1-T2 DECREASE in mental health consultations by T2 happiness</td>
</tr>
</tbody>
</table>

B's controlled for:
- T1 happiness
- T1 mental health status (good, moderate, poor)
- T1 objective conditions

Correlational finding on Happiness and History of current treatment

Subject code: M6.1.3

Study KORFA 2006
Correlate

Authors label: The mental impact on men receiving a diagnosis of prostate cancer

Our classification: History of current treatment, code M6.1.3

Measurement:
- T1: 1 month before diagnosis
- T2: 1 month after diagnosis
- T3: 7 month after diagnosis

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-TH/cm/sq/v/6/a</td>
<td>DMs= ns</td>
<td>T1: M = 5.12 CI95(4.91-5.31)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2: M = 4.73 CI95(4.44-5.02)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T3: M = 4.80 CI95(4.91-5.32)</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and History of current treatment
Subject code: M6.1.3

Study

Findings on Happiness and Medical Treatment

Population: Heart patients, USA, followed 90 days, 1995
Sample: Non-probability chunk sample
Non-Response: 9.3%
N: 130

Correlate

Authors label: Unpanned readmission
Our classification: History of current treatment, code M6.1.3
Measurement: Unplanned readmission within 90 days after admission in hospital for cardio-vascular disease
0 no
1 yes

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AB/cw/mq/v/2/a</td>
<td>DM=</td>
<td>Mean SD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Readmitted 1.41 2.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not readmitted 2.52 2.21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- difference -1.11 0.34</td>
</tr>
</tbody>
</table>

A-AB/cw/mq/v/2/a t=2.49
p<.01

Correlational finding on Happiness and Currently in treatment or not
Subject code: M6.2

Study CUMMI 2004C
Findings on Happiness and MEDICAL TREATMENT


Population: 18+ aged, Australia, 2004
Sample: Probability area sample
Non-Response: 89%
N: 2000

Correlate

Authors label: Health
Our classification: Currently in treatment or not, code M6.2
Measurement: Single question:
Do you have a medical or psychological condition that makes you visit the doctor on a regular basis?
0: No
1: Yes

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/n/11/ca</td>
<td>DMt=</td>
<td>Mean income: 0 Mt = 7,89; SD = 1,58 1 Mt = 7,65; SD = 1,74</td>
</tr>
<tr>
<td></td>
<td>DMt=&lt;$15000</td>
<td>0 Mt = 7,82; SD = 2,05; N = 121 1 Mt = 7,32; SD = 2,05; N = 136</td>
</tr>
<tr>
<td></td>
<td>DMt=+$15000-$30000</td>
<td>0 Mt = 7,56; SD = 2,00; N = 223 1 Mt = 7,70; SD = 1,89; N = 137</td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>O-SLW/u/sq/n/11</th>
<th>DMt=</th>
<th>$31000-$60000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ca</td>
<td>0</td>
<td>Mt = 7,68; SD = 1,60; N = 394</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Mt = 7,50; SD = 1,78; N = 121</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-SLW/u/sq/n/11</th>
<th>DMt=</th>
<th>$61000-$90000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ca</td>
<td>0</td>
<td>Mt = 7,87; SD = 1,48; N = 217</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Mt = 7,43; SD = 1,79; N = 65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-SLW/u/sq/n/11</th>
<th>DMt=+</th>
<th>$91000-$120000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ca</td>
<td>0</td>
<td>Mt = 8,03; SD = 1,30; N = 104</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Mt = 8,08; SD = 1,41; N = 25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-SLW/u/sq/n/11</th>
<th>DMt=</th>
<th>$121000-$150000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ca</td>
<td>0</td>
<td>Mt = 8,03; SD = 1,37; N = 38</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Mt = 7,20; SD = 2,30; N = 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-SLW/u/sq/n/11</th>
<th>DMt=+</th>
<th>&gt;$150000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ca</td>
<td>0</td>
<td>Mt = 8,22; SD = 1,20; N = 7</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Mt = 8,29; SD = 0,95; N = 7</td>
</tr>
</tbody>
</table>

---

**Correlational finding on Happiness and Currently in treatment or not**

Subject code: M6.2

**Study**

**CUMMI 2004C**


*Population:* 18+ aged, Australia, 2004

*Sample:* Probability area sample

*Non-Response:* 89%

*N:* 2000
Correlate

Authors label: Health

Our classification: Currently in treatment or not, code M6.2

Measurement: Single question:
Do you have a medical or psychological condition that makes you visit the dokter regular basis?
0: No
1: Yes

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/n/11/ca</td>
<td>DMt=</td>
<td>Mean age:</td>
</tr>
<tr>
<td></td>
<td>p&lt;.071</td>
<td>0 Mt = 7,93; SD = 1,56</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 7,45; SD = 1,82</td>
</tr>
<tr>
<td></td>
<td>p&lt;.000</td>
<td>18-25 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 7,56; SD = 1,55; N = 171</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 6,75; SD = 1,95; N =  16</td>
</tr>
<tr>
<td></td>
<td>p&lt;.080</td>
<td>26-35 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 7,81; SD = 1,45; N = 238</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 7,81; SD = 1,59; N =  16</td>
</tr>
<tr>
<td></td>
<td>p&lt;.054</td>
<td>36-45 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 7,65; SD = 1,61; N = 301</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 6,85; SD = 2,19; N =  65</td>
</tr>
<tr>
<td></td>
<td>p&lt;.056</td>
<td>46-55 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 7,68; SD = 1,61; N = 244</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 7,14; SD = 1,94; N = 125</td>
</tr>
<tr>
<td></td>
<td>p&lt;.056</td>
<td>56-65 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 7,94; SD = 1,85; N = 219</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 7,48; SD = 1,77; N = 145</td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th></th>
<th>DMT=</th>
<th>66-75 years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>p&lt;.001</td>
<td>0 Mt = 8.24; SD = 1.62; N = 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 8.23; SD = 1.45; N = 119</td>
</tr>
<tr>
<td></td>
<td>p&lt;.082</td>
<td>76+years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 Mt = 8.60; SD = 1.20; N = 74</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Mt = 7.88; SD = 1.85; N = 82</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Currently in treatment or not**

**Subject code: M6.2**

**Study**

*Reported in:* Jelicic, M.; Kempen, G.I.  
*Short Report: Chronic Medical Conditions and Life Satisfaction in the Eldery.*  
*Psychology and Health, 1999, Vol. 14, 65 - 70. ISSN 0087 0446*  
*Page in Report: 68*

**Population:** 57+ aged, North Netherlands, 1992

**Sample:** Probability stratified sample

**Non-Response:** 44.5%

**N:** 8723

**Correlate**

**Authors label:** Chronic medical conditions

**Our classification:** Currently in treatment or not, code M6.2
Findings on Happiness and MEDICAL TREATMENT

Measurement: Participants were asked if they had been under treatment in the past 12 months by a family physician or a medical specialist for the following chronic conditions:
- asthma, chronic bronchitis
- pulmonary emphysema
- heart condition
- hypertension
- (consequences of) stroke
- leg ulcer, stomach ulcer
- liver disorder
- thyroid gland disorder
- back problems for at least three months or slipped disk
- joint conditions or arthritis
- migraine/chronic headache
- serious dermatologic disorders as psoriasis or eczema
- cancer
- multiple sclerosis
- Parkinson's disease or epilepsy

Scoring:
0: none of these
1: one
2: two
3: three or more

Measured Values: N= 0: 1763, 1: 1666, 2: 921, 3: 684

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>DM= p&lt;.001</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0: M = 5.86 SD = 1.28</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: M = 5.71 SD = 1.33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: M = 5.62 SD = 1.26</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3: M = 5.39 SD = 1.28</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kruskal–Wallis Test (corrected for ties): Chi-square=108.6019</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness and Medical Treatment

No condition compared to 8 most common conditions:
- Hypertension: ns
- Heart condition: 0.01
- Arthritis: 0.01
- Back problems: 0.01
- Asthma/bronchitis: 0.01
- Diabetes: ns
- Dermatological disorder: 0.01
- Headache: 0.01

Correlational finding on Happiness and Currently in treatment or not

Subject code: M6.2

Study: LEHMA 1988

Reported in: Lehman, A.F.
A Quality of Life Interview for the Chronically Mentally Ill.
Evaluation and Program Planning, 1988, Vol. 11, 51-52. ISSN 0149 7189
Page in Report: 57

Population: Chronic mental patients, USA, 1981

Sample: Non-probability purposive sample

Non-Response: N: 469

Correlate

Authors label: Frequency of Medical Care

Our classification: Currently in treatment or not, code M6.2

Measurement: Self report of frequency of medical care in the past year

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>

Findings on Happiness and MEDICAL TREATMENT

Los Angeles: mentally ill residents of 30 large board-and-care homes

Rochester: chronically mentally ill inpatients at the Rochester (N.Y.) Psychiatric Center

Rochester: chronically mentally ill residents of various supervised community residences

Correlational finding on Happiness and Currently in treatment or not
Subject code: M6.2

Study VENTE 1995

Reported in: Ventegodt, S. Livskvalitet i Danmark. (Quality of Life in Denmark). Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp
Page in Report: 210

Population: 18-88 aged, general public, Denmark, 1993
Sample: Non-probability purposive sample
Non-Response: 39%
N: 1494

Correlate

Authors label: treatment (2)
Our classification: Currently in treatment or not, code M6.2
Measurement: Single question: "Are you receiving medical or alternative treatment at present?"
  a: no treatment
  b: only medical treatment
  c: only alternative treatment
  d: both medical and alternative treatment
Findings on Happiness and MEDICAL TREATMENT

*Measured Values: N: a:1045, b:265, c:32, d:45*

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=-</td>
<td>a: Mt=8.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.73</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=5.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=7.78</td>
</tr>
<tr>
<td>O-SL/c/sq/v/5/e</td>
<td>DMt=-</td>
<td>a: Mt=7.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=6.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=7.45</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=-</td>
<td>a: Mt=7.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=6.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=6.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=6.94</td>
</tr>
</tbody>
</table>

### Correlational finding on Happiness and Currently in treatment or not

**Subject code: M6.2**

**Study**

*VENTE 1996*

*Reported in: Ventegodt, S.*

Liskvalitet hos 4500 31-33-arige. (The Quality of Life of 4500 31-33-Years-Olds).


http://www.livskvalitet.org/t2/index.asp

*Page in Report: 220*

*Population: 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen*

*Sample: Non-probability chunk sample*

*Non-Response: 39%*
### Findings on Happiness and Medical Treatment

**N:** 4500

#### Correlate

**Authors label:** medical treatment

**Our classification:** Currently in treatment or not, code M6.2

**Measurement:** Single question:

- "Are you receiving medical or alternative treatment at present?"
- 1: no treatment
- 2: one of the following:
  - 2a: only medical treatment
  - 2b: only alternative treatment
  - 2c: both medical and alternative treatment

**Measured Values:** 
- N: All: 1: 4496; 2a: 19.0; 2b: 3.8; 2c: 3.4

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DM=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2a: Mt=7.20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2b: Mt=7.49</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2c: Mt=6.64</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DM=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=7.01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2a: Mt=7.08</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2b: Mt=7.13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2c: Mt=6.56</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1: Mt=7.13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2: Mt=6.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2a: Mt=6.80</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2b: Mt=6.71</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2c: Mt=6.31</td>
<td></td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Visits to doctor
Subject code: M6.2.1

Study BAKKE 1974


Sample:
Non-Response: 34% refusal and unattainable.
N: 1552

Correlate

Authors label: Number of doctor's consults. (1)
Our classification: Visits to doctor, code M6.2.1
Measurement: Direct question on number of consults during the past three months: 0 / 1 / 2 / 3-4 / 5-10 / more than 10

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks
O-HP/g/sq/ol/7/a G = .18

Correlational finding on Happiness and Visits to doctor
Subject code: M6.2.1

Study FORTI 1983
Findings on Happiness and MEDICAL TREATMENT

Reported in: Forti, T. J.; Hyg, M.S.
A Documented Evaluation of Primary Prevention through Consultation.
Community Mental Health Journal, 1983, Vol. 19, 290 - 304. ISSN p 0010 3853; ISSN e 1573 2789 DOI:10.1007/BF00755410

Page in Report:

Population: Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

Sample:

Non-Response: T1: 18%, T2: 14%, T3: 23%
N: 137

Correlate

Authors label: Consultation: physical health (1)

Our classification: Visits to doctor, code M6.2.1

Measurement: Index of closed questions:
(order reversed)
1. 'Have you seen a doctor past 2 months for physical health care?'
   (1) yes, (2) no;
2. 'If so, how many times?', rated on a 6-point scale:
   (1) 1-2 times,
   (6) >10 times.
3. 'Have you seen a doctor past year for physical health care?'
   (1) yes, (2) no;
4. 'If so, how many times?', rated on a 6-point scale:
   (1) 1-2 times,
   (6) >10 times.

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks
### Correlational finding on Happiness and Visits to doctor

**Subject code: M6.2.1**

<table>
<thead>
<tr>
<th>Study</th>
<th>MOSER 1969</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Reported in:</em></td>
<td>Moser-Peters, C.M. Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings). Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden, Netherlands</td>
</tr>
<tr>
<td><em>Page in Report:</em></td>
<td>31</td>
</tr>
<tr>
<td><em>Population:</em></td>
<td>Adult, general public, Utrecht, city, The Netherlands, 1967</td>
</tr>
<tr>
<td><em>Sample:</em></td>
<td></td>
</tr>
<tr>
<td><em>Non-Response:</em></td>
<td>14% unattainable etc.</td>
</tr>
<tr>
<td><em>N:</em></td>
<td>300</td>
</tr>
</tbody>
</table>

**Correlate**

<table>
<thead>
<tr>
<th>Authors label:</th>
<th>Number of doctor's consults. (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Our classification:</em></td>
<td>Visits to doctor, code M6.2.1</td>
</tr>
</tbody>
</table>
| *Measurement:* | Question on number of doctor's consults during last year:
| 1: | 0 |
| 2: | 1-3 |
| 3: | 4 or more. |

---

Findings on Happiness and Medical Treatment

<table>
<thead>
<tr>
<th>O-DT/u</th>
<th>sq/f7/a</th>
<th>r=</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>-.07 (ns)</td>
<td>.</td>
</tr>
<tr>
<td>2.</td>
<td>-.07 (ns)</td>
<td>.</td>
</tr>
<tr>
<td>3.</td>
<td>+.05 (ns)</td>
<td>+.10 (ns)</td>
</tr>
<tr>
<td>4.</td>
<td>+.03 (ns)</td>
<td>-.05 (ns)</td>
</tr>
</tbody>
</table>
Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/c</td>
<td>G = -0.10</td>
<td>When elaborated for age significant among those of age 50–65 only.</td>
</tr>
<tr>
<td></td>
<td>ns</td>
<td></td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Visits to doctor

Subject code: M6.2.1

Study


Sample: Probability simple random sample

Non-Response: 36%

N: 1257

Correlate

Authors label: Consulted other doctor in past year

Our classification: Visits to doctor, code M6.2.1

Measurement: 1- No
2- Yes

Measured Values: 1: 28.6%, 2: 71.4%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>

http://worlddatabaseofhappiness.eur.nl/hap_cor/top_sub.php?code=M6
Correlational finding on Happiness and Visits to doctor
Subject code: M6.2.1

Study

PERQU 2002

 Reported in: Perquin C. W.  
 Chronic pain in children and adolescents. Observational studies  
 Doctoral dissertation, Erasmus Universiteit Rotterdam. Universiteitsdrukkerij TU  
 Eindhoven, 2002  
 Page in Report: 77


 Sample: Non-probability purposive sample

 Non-Response: 8%

 N: 5336

Correlate

 Authors label: consulting of the doctor for pain

 Our classification: Visits to doctor, code M6.2.1

 Measurement:
 1 Non-consulters N= 66
 2 Consulters N= 65

Observed Relation with Happiness

 Happiness Measure Statistics Elaboration/Remarks

 O-SLW/cw/sq/ol/11/ a DM= ns  
 Non-consulters Mean SD 63.5 25.5
 Consulters 60.9 23.0
 Difference - 2,6 2,5
Correlational finding on Happiness and In hospital
Subject code: M6.2.2

Study

Reported in: Hinton J.
Comparison of places and policies for terminal care
The Lancet, 1979, 6 January, 29 - 32. ISSN 0023 7507
Page in Report: 31

Population: End stage cancer patients, UK, 1978

Sample: Probability stratified sample

Non-Response: 2%

N: 80

Correlate

Authors label: Place of terminal care

Our classification: In hospital, code M6.2.2

Measurement:

Inpatients:
  a: Acute hospital
  b: Foundation home
  c: Hospice

Outpatients:
  d: Hospice

Measured Values: N = 20 in each category

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/cm/*n/9/a</td>
<td>AoV= p&lt;.05</td>
<td>Depression Inpatients</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a: Acute hospital    M = 1,0 ± 1,1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Foundation home   M = 1,2 ± 1,0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Hospice           M = 2,0 ± 0,9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Hospice           M = 1,3 ± 1,2</td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Kind of current treatment
Subject code: M6.3

Study

BACH 1991

Reported in: Bach, J.R.; Campagnolo, D.I.; Hoeman, S.
Life Satisfaction of Individuals with Duchenne Muscular Dystrophy Using Long-Term Mechanical Ventilatory Support.

Population: Duchenne Muscular Dystrophy patients and controls, USA, 1985

Sample: Non-probability purposive sample

Non-Response:

N: 335

Correlate

Authors label: Tracheostomic ventilation (1)

Our classification: Kind of current treatment, code M6.3

Measurement: 0. Non-invasive method of ventilary support
1. Tracheostomy ventilation

Measured Values: 0. N=39 1. N=33

Remarks: Patients only

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>DMt= 0.4 ns</td>
<td>Mt= 6.43; SDs = 1.80</td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Kind of current treatment  
Subject code: M6.3  

Study: EVANS 1985  

Reported in: Evans, R.W.; Manninen, D.L.; Garrison, L.P.; et al  
The Quality of Life of Patients with End-Stage Renal Disease.  
The New England Journal of Medicine, 1985, Vol. 312, 553 - 559. ISSN p 0028 4793  
ISSN e 1533 4406  
Page in Report: 557  

Population: Patients with end-stage renal disease, 11 dialysis and transplantation centers, USA., 1983  
Sample: Non-probability chunk sample  
Non-Response: 10%  
N: 859  

Correlate  
Authors label: treatment  
Our classification: Kind of current treatment, code M6.3  
Measurement:  
a. Home hemo-dialysis  
b. In-center dialysis  
c. CAPD  
d. Transplantation  

Observed Relation with Happiness  

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>DM=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>a: M = 5,19 SD= 1,56 Ma= 5,25</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b: M = 5,11 SD= 1,69 Ma= 4,99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c: M = 5,30 SD= 1,68 Ma= 5,30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d: M = 5,66 SD= 1,49 Ma= 5,90</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All: M = 5,25 SD= 1,62</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

O-SLW/c/sq/n/7/a  AoV=001  Ma adjusted for "casemix":
- age, sex, race, education
- duration of treatment
- comorbidity

Younger, white and more educated patients were more satisfied with life than others.

Correlational finding on Happiness and Kind of current treatment
Subject code: M6.3

Study  MORRI 1989

Reported in: Morris, P.L.; Jones, B.
Life Satisfaction across Treatment for Patients with End-Stage Renal Failure.
Page in Report: 430

Population: Endstage renal patients, U.K. 198?

Sample: Non-probability chunk sample

Non-Response: 13%

N: 160

Correlate

Authors label: Treatment for renal failure

Our classification: Kind of current treatment, code M6.3

Measurement:
- Treatment:
  a: Transplant recipients (Tx)
  b: Home hemodialysis (HHD)
  c: Hospital center hemodialysis (CHD)
  d: Patients at Renal Unit (CAPD)

Measured Values: N = a: 69, b: 24, c: 24, d: 21

Observed Relation with Happiness
Findings on Happiness and Medical Treatment

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/g/sq/n/10/a</td>
<td>DM=</td>
<td>Renal Transplant M=7.9 CI95[6.8-9.0]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Haemodialysis at home M=7.0 CI95[6.15-7.85]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Haemodialysis in hospital M=6.4 CI95[4.9-7.9]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Continuous ambulatory peritonial dialysis M=7.3 CI95[6.3-8.3]</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Kind of current treatment

Subject code: M6.3

Study

<table>
<thead>
<tr>
<th>Study</th>
<th>SIMMO 1988</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in</td>
<td>Simmons, R.G.; Abress, L.; Anderson, C.R.</td>
</tr>
<tr>
<td>Quality of Life after Kidney Transplantation.</td>
<td></td>
</tr>
<tr>
<td>Transplantation, 1988, Vol. 45, 415 - 421</td>
<td></td>
</tr>
<tr>
<td>Page in Report: 417</td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td>Renal patients, 1-year post transplant, USA 1980-84</td>
</tr>
<tr>
<td>Sample</td>
<td>Probability stratified sample</td>
</tr>
<tr>
<td>Non-Response</td>
<td>19%</td>
</tr>
<tr>
<td>N</td>
<td>113</td>
</tr>
</tbody>
</table>

Correlate

<table>
<thead>
<tr>
<th>Authors label</th>
<th>Transplant drug regime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our classification</td>
<td>Kind of current treatment, code M6.3</td>
</tr>
<tr>
<td>Measurement</td>
<td>1: cyclosporine</td>
</tr>
<tr>
<td></td>
<td>0: conventional</td>
</tr>
</tbody>
</table>

| Measured Values | Conventinal N=40 Cyclosporine N=51 |

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Findings on Happiness and MEDICAL TREATMENT

M-AO/u/mq/v/5/a  
DM=+  
\( p < .10 \)  
Conventional therapy \( M = 3.47 \)  
Cyclosporine therapy \( M = 4.18 \)  
Difference \(+0.71\)

O-HL/c/sq/v/3/aa  
DM=+  
\( p < .05 \)  
Conventional therapy \( M = 2.07 \)  
Cyclosporine therapy \( M = 2.39 \)  
Difference \(-0.22\)

O-SLW/c/sq/n/7/a  
DM=+  
\( p < .05 \)  
Conventional therapy \( M = 5.32 \)  
Cyclosporine therapy \( M = 5.88 \)  
Difference \(-0.56\)

---

**Correlational finding on Happiness and Kind of current treatment**

**Subject code: M6.3**

**Study**

*VENTE 1995*

*Reported in:* Ventegodt, S.  
Livskvalitet i Danmark. (Quality of Life in Denmark).  
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp  
Page in Report: 226,228

*Population:* 18-88 aged, general public, Denmark, 1993

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

**Correlate**

*Authors label:* medical treatment (1)

*Our classification:* Kind of current treatment, code M6.3
Findings on Happiness and MEDICAL TREATMENT

Measurement: Single question:
"What treatment or medicine do you receive?"
- a: alimentary tract and metabolism
- b: blood and blood-forming organs
- c: cardiovascular system
- d: dermatologicals
- e: genital-urinary system and sex hormones
- f: systematic hormonal preparation (not sex hormones)
- g: general antiinfectives for systematic use
- h: antineoplastic and immunomodulating agents
- i: muscular-skeletal system
- j: CNS
- k: antiparasitic products
- l: respiratory system
- m: sensory organs
- n: misc.

Measured Values: N: a:52, b:18, c:64, d:29, e:15, f:17, g:15, h: 1:24, j:57, k:4, l:50, m:2, n:3

Remarks: In some of the groups are too few respondents.
A given respondent may suffer from more than one disease.

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/w/5/a</td>
<td>DMT=</td>
<td>a: alimentary tract and metabolism Mt=6.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: blood and blood-forming organs Mt=6.53</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: cardiovascular system Mt=7.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: dermatologicals Mt=7.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>e: genital-urinary system and sex hormones Mt=7.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f: systematic hormonal preparation (not sex hormones) Mt=6.33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>g: general antiinfectives for systematic use Mt=6.63</td>
</tr>
<tr>
<td></td>
<td></td>
<td>h: antineoplastic and immunomodulating agents Mt=</td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

i: muscular-skeletal system
Mt=6.56
j: CNS
Mt=6.23
k: antiparasitic products
Mt=6.25
l: respiratory system
Mt=6.95
m: sensory organs
Mt=2.50
n: misc.
Mt=6.66

O-SLu/c/sq/v/5/e D Mt= a: alimentary tract and metabolism
Mt=7.35
b: blood and blood-forming organs
Mt=7.09
c: cardiovascular system
Mt=7.50
d: dermatologicals
Mt=7.41
e: genital-urinary system and sex hormones
Mt=7.66
f: systematic hormonal preparation (not sex hormones)
Mt=6.76
g: general antiinfectives for systematic use
Mt=6.50
h: antineoplastic and immunomodulating agents
Mt=6.46
i: muscular-skeletal system
Mt=6.46
j: CNS
Mt=6.04
k: antiparasitic products
Mt=5.00
l: respiratory system
Mt=6.93
m: sensory organs
Mt=3.75
n: misc.
Mt=6.66
Findings on Happiness and MEDICAL TREATMENT

O-HL/c/sq/v/5/h  DMt=

a: alimentary tract and metabolism  Mt=6.51
b: blood and blood-forming organs  Mt=6.80
c: cardiovascular system  Mt=6.98
d: dermatologicals  Mt=6.90
e: genital-urinary system and sex hormones  Mt=6.84
f: systematic hormonal preparation (not sex hormones)
   Mt=6.39
g: general antiinfectives for systematic use  Mt=6.00
h: antineoplastic and immunomodulating agents  Mt=6.00
i: muscular-skeletal system  Mt=6.04
j: CNS  Mt=5.80
k: antiparasitic products  Mt=5.63
l: respiratory system  Mt=6.60
m: sensory organs  Mt=3.75
n: misc.  Mt=6.66

Correlational finding on Happiness and Kind of current treatment
Subject code: M6.3

Study  VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark. (Quality of Life in Denmark).
Forskningscentrets Forlag (The Quality of Life Research Center), København,
Page in Report: 210

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample
Non-Response: 39%
N: 1494

Correlate

Authors label: treatment (1)
Our classification: Kind of current treatment, code M6.3
Measurement: Single question:
"Are you receiving medical or alternative treatment at present?"
a: no treatment
b: only medical treatment
c: only alternative treatment
d: both medical and alternative treatment

Measured Values: N: a:1045, b:265, c:32, d:45

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMt=</td>
<td>a: Mt=8.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.73</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=5.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=7.78</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMt=</td>
<td>a: Mt=7.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=7.03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=6.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=7.45</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>DMt=</td>
<td>a: Mt=7.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Mt=6.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Mt=6.18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Mt=6.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt=6.94</td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Kind of current treatment
Subject code: M6.3

Study

**Reported in:** Ventegodt, S.
Liskvalitet hos 4500 31-33-arige. (The Quality of Life of 4500 31-33-Years-Olds).
Page in Report: 236,238

**Population:** 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

**Sample:** Non-probability chunk sample

**Non-Response:** 39%

**N:** 4500

Correlate

**Authors label:** kind of medical treatment

**Our classification:** Kind of current treatment, code M6.3

**Measurement:** Single question:
"What treatment or medicine do you receive?"

- a: alimentary tract and metabolism
- b: blood and blood-forming organs
- c: cardiovascular system
- d: dermatologicals
- e: genital-urinary system and sex hormones
- f: systematic hormonal preparation (not sex hormones)
- g: general antiinfectives for sustematic use
- h: antineoplastic and immunomodulating agents
- i: muscular-skeletal system
- j: central nervous system (CNS)
- k: antiparasitic products
- l: respiratory system
- m: sensory organs
- n: misc.

**Measured Values:** N: All: 863; %: a:11,9; b:1,7; c:4,9; d:13,6; e:3,2; f:3,7; g: 9,5; h:0,9; i:6,7; j:21,4; l:20,0; m:1,3; n:1,0
Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>
| **A-AOL/m/sq/v/5/a** | a: Mt=6.75  
b: Mt=8.00  
c: Mt=7.33  
d: Mt=7.38  
e: Mt=7.86  
f: Mt=7.11  
g: Mt=7.10  
h: Mt=5.94  
i: Mt=6.94  
j: Mt=5.80  
k: Mt= 
l: Mt=7.44  
m: Mt=7.73  
n: Mt=6.11 |  |
| **O-SLu/c/sq/v/5/e** | a: Mt=6.73  
b: Mt=7.66  
c: Mt=7.63  
d: Mt=7.10  
e: Mt=7.86  
f: Mt=7.04  
g: Mt=6.89  
h: Mt=7.81  
i: Mt=7.38  
j: Mt=5.85  
k: Mt= 
l: Mt=7.10  
m: Mt=7.28  
n: Mt=6.66 |  |
Correlational finding on Happiness and Kind of current treatment  
**Subject code: M6.3**

**Study**  
YEO 1987

*Reported in:* Yeo, G.; Ingram, L.; Skurnick, J.; Crapo, L.  
Effects of a Geriatric Clinic on Functional Health and Well-being of Elders.  
Page in Report: 256

*Population:* 65+ aged, patients, ambulatory medical center, followed 18 mth, California, USA, 198?

*Sample:*  
*Non-Response:* Refusal 15.91%, unable 6.17%, to 1st question. 11.36%, to 2nd question. 21.43%  
*N:* 139

**Correlate**

*Authors label:* Geriatric treatment (1)  
*Our classification:* Kind of current treatment, code M6.3
Findings on Happiness and Medical Treatment

Measurement:
0. General medical clinic
1. Geriatric clinic

The treatment in the geriatric clinic differed in the following respects from the treatment in the general clinic:
- Staff specialized in geriatric problems
- Social work assessment part of the routine
- Extra services for elderly

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-B/B/cm/mg/v/2/a</td>
<td>DM=+ns</td>
<td>Common medical treatment in general clinic:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T1: M = 7.48 (Mt= 8.74)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2: M = 6.84 (Mt= 8.42)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Special treatment for elderly in geriatric clinic:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T1: M = 7.11 (Ms'= 8.56)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2: M = 7.32 (Ms'= 8.66)</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Effect of Treatment on Happiness

Subject code: M6.4

Study: ARNOL 2006


Population: COPD patients, before and after 20 week rehabilitation programme, Netherlands, 2001-2002

Sample: Non-probability purposive sample
Correlate

**Authors label:** Pulmonary rehabilitation program

**Our classification:** Effect of treatment on happiness, code M6.4

**Measurement:**
1. Experimental group: High intensity duration program
2. Controls: Standard care in general hospital

The experimental pulmonary rehabilitation program involved:
- Pharmaco-logical treatment (optimalisation of medication by a pulmonologist, mostly consisting of bronchodilator therapy)
- Strength and endurance training, breathing retraining
- Dietary interventions
- Psycho-social interventions aimed at psycho-education and self-management of the patients.

The programme differed from common programmes in a longer duration and a higher intensity.

**Measured Values:** Experimental group N = 65, Control group: N = 47

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-BW/c/sq/l/11/a</td>
<td>DM =+</td>
<td>experimental control</td>
</tr>
<tr>
<td></td>
<td>p &lt; .03</td>
<td>T1 M=5.3 SD=1.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2 M=5.9 SD=1.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Difference +0.6</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Effect of treatment on happiness**

Subject code: M6.4
Findings on Happiness and MEDICAL TREATMENT

**Study**

**DEHAE 1987**

*Reported in:* DeHaes, J.C.; Pennink, B.J.; Welvaart, K.  
The Distinction between Affect and Cognition.  
Social Indicators Research, 1987, Vol 19, 367 - 378. ISSN 0303 8300  
Page in Report: 6/7


*Sample:*

*Non-Response:* 17% (6 refusals and one death in the meantime)

*N:* 34

---

**Correlate**

*Authors label:* Time since treatment (1)

*Our classification:* Effect of treatment on happiness, code M6.4

*Measurement:* Happiness assessed 11 months (T1) and 18 months (T2) after surgical treatment

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/se/sq/?/7/a</td>
<td>DMt=</td>
<td>T1: Mt= 7.7, T2: Mt= 7.8</td>
</tr>
<tr>
<td></td>
<td>+0.1 ns</td>
<td></td>
</tr>
<tr>
<td>A-AOL/se/sq/v/7/a</td>
<td>DMt=</td>
<td>Hedonic level (AFF 2.1) rose.</td>
</tr>
<tr>
<td></td>
<td>+0.5</td>
<td>T1: Mt'= 6.7, T2: Mt'= 7.2</td>
</tr>
<tr>
<td></td>
<td>p&lt;.025</td>
<td></td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Effect of treatment on happiness**

**Subject code:** M6.4

---

**Study**

**EVANS 1990**
**Reported in:** Evans, R.W.; Rader, B.; Manninen, L.
The Quality of Life of Hemodialysis Recipients Treated with Recombinant Human Erythropoietin.
Journal American Medical Association, 1990, Vol. 263, 825 - 830 ISSN 0098 74 84
Page in Report: 829

**Population:** Patients with end-stage renal disease (ESRD), nine dialysis centers, USA, 1986

**Sample:** Non-probability purposive-expert sample

**Non-Response:**

\[N: 329\]

---

**Correlate**

**Authors label:** therapy with rHuEPO (recombinant human erythropoietin)

**Our classification:** Effect of treatment on happiness, code M6.4

**Measurement:**
- T2= first follow-up after 4,4 months
- T3= second follow-up after 10,3 months

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>DM=+</td>
<td>Happiness following treatment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T1: M= 5,63 SD= 1,77</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2: M= 5,92 SD= 1,61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T3: M= 6,02 SD= 1,59</td>
</tr>
</tbody>
</table>

| O-SLW/c/sq/n/7/a   | AoV=       | p<.017 |
|                   |            |       |

| O-HL/c/sq/v/3/aa   | DM=+       | Happiness following treatment |
|                   |            | T1: M= 11,24 SD= 3,13 |
|                   |            | T2: M= 11,81 SD= 2,66 |
|                   |            | T3: M= 11,87 SD= 2,70 |

| O-HL/c/sq/v/3/aa   | AoV=       | p<.004 |
|                   |            |       |
Correlational finding on Happiness and Effect of treatment on happiness
Subject code: M6.4

Study: HINTO 1979

Reported in: Hinton J.
Comparison of places and policies for terminal care
The Lancet, 1979, 6 January, 29 - 32. ISSN 0023 7507
Page in Report: 31

Population: End stage cancer patients, UK, 1978

Sample: Probability stratified sample

Non-Response: 2%

N: 80

Correlate

Authors label: Place of terminal care

Our classification: Effect of treatment on happiness, code M6.4

Measurement: Inpatients:
a: Acute hospital
b: Foundation home
c: Hospice

Outpatients:
d: Hospice

Measured Values: N = 20 in each category

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/cm/*n/9/a</td>
<td>AoV = p&lt;.05</td>
<td>Depression Inpatients</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a: Acute hospital   M = 1,0 ± 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: Foundation home  M = 1,2 ± 1,0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: Hospice          M = 2,0 ± 0,9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: Hospice          M = 1,3 ± 1,2</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Effect of treatment on happiness
Subject code: M6.4

Study

KANTO 1978

Reported in: Kantor, H.I.; Milton, L.J.; Ernst, B.S.; Ernst, L.
Comparative Psychologic Effects of Estrogen Administration on Institutional and Noninstituional Eldery Women.
Page in Report: 15

Population: Eldery women in oestrogen therapy, followed 1 year, USA,1976

Sample: Non-probability purposive sample

Non-Response: 18

N: 21

Correlate

Authors label: Estrogen therapy

Our classification: Effect of treatment on happiness, code M6.4

Measurement: Ss were given conjugated estregens (Premarin, 0,3 mg daily) in an interruped course of administration which omitted estrogen for the five first days of each month

Remarks: Happiness assessed at:
T1: 3 month
T2: 6 month
T3: 9 month
T4: 12 month

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>

Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>O-HP/c/sq/v/3/a</th>
<th>DM=+</th>
<th>Institutional</th>
<th>Noninstitutional</th>
</tr>
</thead>
<tbody>
<tr>
<td>p&lt;.044</td>
<td>T1</td>
<td>M = 0.8</td>
<td>M = 1.4</td>
</tr>
<tr>
<td></td>
<td>T2</td>
<td>M = 0.9</td>
<td>M = 1.3</td>
</tr>
<tr>
<td></td>
<td>T3</td>
<td>M = 1.1</td>
<td>M = 1.6</td>
</tr>
<tr>
<td></td>
<td>T4</td>
<td>M = 1.2</td>
<td>M = 1.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-HP/c/sq/v/3/a</th>
<th>F=1.73</th>
<th>Within subject CHANGE over time</th>
</tr>
</thead>
<tbody>
<tr>
<td>p&lt;.172</td>
<td></td>
<td>- Only among institutionalized subjects</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- No effect among non-institutionalized</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Effect of treatment on happiness
Subject code: M6.4

Study

KORFA 2005


Population: Prostate cancer patient, The Netherlands, followed five years after treatment

Sample: Non-probability purposive sample

Non-Response: 101

N: 314

Correlate

Authors label: Primary treatment of localized prostate cancer

Our classification: Effect of treatment on happiness, code M6.4

Measurement: Random treatment with:
- a: radical prostectomy (surgery)
- b: external radiotherapy

Measured Values: N = a: 127, b: 187
Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-TH/cm/sq/v/5/a</td>
<td>DM=</td>
<td>surgery</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M</td>
</tr>
<tr>
<td>T1: before treatment</td>
<td>2,25</td>
<td>1,36</td>
</tr>
<tr>
<td>T2: 6 month later</td>
<td>2,20</td>
<td>1,13</td>
</tr>
<tr>
<td>T3: 12 month later</td>
<td>2,17</td>
<td>1,20</td>
</tr>
<tr>
<td>T4: 4 to 5 years later</td>
<td>2,16</td>
<td>1,10</td>
</tr>
</tbody>
</table>

M-TH/cm/sq/v/5/a   BMCT= ns

CHANGES in happiness insignificant in both groups

Correlational finding on Happiness and Effect of treatment on happiness

Subject code: M6.4

Study: MELLO 2003

Reported in: Mellor, D. J.; Cummins, R. A.; Karlinski, E.; Storer, S. P.
The Management of Subjective Quality of Life by Short-stay Hospital Patients: An Exploratory Study.
Health and Quality of Life Outcomes. 2003, Vol. 1, 1 - 17. ISSN 1477 7525
DOI:10.1186/1477-7525-1-39

Population: Short-stay in-ward surgery patients, shortly before and after treatment, Australia 2003

Sample: Non-probability chunk sample

Non-Response: N: 148

Correlate

Authors label: Change in happiness before and after surgery

Our classification: Effect of treatment on happiness, code M6.4
Findings on Happiness and MEDICAL TREATMENT

**Measurement:** Happiness assessed at
- T1: 10 days prior to admission
- T2: 2 days after surgery
- T3: 1 week after discharge

**Measured Values:**
- T1 10 days prior to admission $M=2.31$
- T2 2 days after surgery $M=0.82$
- T3 1 week after discharge $M=2.40$

**Remarks:** Affect Balance computed by us, substracting NA from PA

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>
| A-BH/g/mq/v/5/a    | DM=+       | T1 10 days prior to admission $M=2.31$
|                   |            | T2 2 days after surgery $M=0.82$
|                   |            | T3 1 week after discharge $M=2.40$

---

### Correlational finding on Happiness and Effect of treatment on happiness

**Subject code:** M6.4

**Study**

**Reported in:** Middleton R.A., Keith Byrd E. Psychosocial Factors and Hospital Readmission status of Older Persons with Cardiovascular Disease Journal of Applied Rehabilitation Counseling 1996; number 4; volume 27.pp. 3-10 Page in Report: 7-8

**Population:** Heart patients, USA, followed 90 days, 1995

**Sample:** Non-probability chunk sample

**Non-Response:** 9.3%

**N:** 130

---

**Correlate**

**Authors label:** Hospital
Findings on Happiness and MEDICAL TREATMENT

Our classification: Effect of treatment on happiness, code M6.4

Measurement:
- Hospital 1 (East Alabama Medical Center)
- Hospital 2 HCA (Parkway Medical Center)

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AB/cw/mg/v/2/a</td>
<td>DM=</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mean</td>
</tr>
<tr>
<td>Hospital 1</td>
<td>2.11</td>
<td>2.53</td>
</tr>
<tr>
<td>Hospital 2</td>
<td>1.52</td>
<td>2.36</td>
</tr>
<tr>
<td>Difference</td>
<td>1.41</td>
<td>0.17</td>
</tr>
</tbody>
</table>

A-AB/cw/mg/v/2/a  
\( t = 1.30 \)  
\( p < 0.195 \)

Correlational finding on Happiness and Effect of treatment on happiness  
Subject code: M6.4

Study  SIMMO 1977/1

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.

Page in Report:

Population: Adult renal patients, followed before and after transplant, USA, 1970-73

Sample:

Non-Response: 15%

N: 178

Correlate

Authors label: Renal transplantation (3)

Our classification: Effect of treatment on happiness, code M6.4
Findings on Happiness and MEDICAL TREATMENT

**Measurement:**
- T1: pretransplant
- T2: one year posttransplant

Happiness of renal patients assessed at:
- T1: 5 days prior to the scheduled transplant or after their names were added to the waiting list
- T2: a year after the transplant

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G = +.65</td>
<td>Happiness at:</td>
</tr>
<tr>
<td></td>
<td>p &lt; .01</td>
<td>T1</td>
</tr>
<tr>
<td></td>
<td>tc = +.44</td>
<td>not too happy</td>
</tr>
<tr>
<td></td>
<td>p &lt; .01</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pretty happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>58%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>very happy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>57%</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Effect of treatment on happiness**

**Subject code: M6.4**

**Study**

*SIMMO 1977/2*


*Page in Report:* 99

*Population:* 8-20 aged renal (ex-)patients and controls, USA, 1972-1973

*Sample:*

*Non-Response:*

*N:* 144
Findings on Happiness and MEDICAL TREATMENT

Authors label: Renal transplantation (1)
Our classification: Effect of treatment on happiness, code M6.4
Measurement: 0 chronically ill children
1 transplanted children

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-AO/g/mq/v/5/a</td>
<td>r=-.22</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>G=+.10</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.10</td>
<td>ns</td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Effect of treatment on happiness

Subject code: M6.4

Study SIMMO 1977/3

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
Page in Report: 182

Population: Kidney donors followed before and after donation, USA, 1970-1973

Sample:

Non-Response:

N: 133

Correlate

Authors label: Kidney donation (2)
Our classification: Effect of treatment on happiness, code M6.4
**Measurement:**  Change in happiness before and after transplantation.  
T1: pretransplant during selection check.  
T3: 1 yr after transplant

Difference at T3 with controls:  
- non-donor recipients  
- national population USA 1965  
  (reported in BRADB 1969)

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G = +0.03</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLW/c/sq/v/3/c</td>
<td>G = +0.13</td>
<td>p &lt; .001</td>
</tr>
<tr>
<td>O-SLW/c/sq/v/3/c</td>
<td>D(_{Mt}) = +0.9</td>
<td>CHANGE in lifesatisfaction</td>
</tr>
</tbody>
</table>
<pre><code>                  |            | complete    pretty    not    Mt' |
                  | donors T1   | 26%         64%       10%    5.8 |
                  | donors T3   | 37%         59%        4%    6.7 |
</code></pre>
<p>| O-HL/c/sq/v/3/aa  | D(_{Mt}) = +1.5 | CHANGE in happiness  |
|            | very    pretty    not too    Mt' |
| - donors T1 | 34%    58%         8%    6.3 |
| - donors T3 | 60%    35%        5%    7.8 |</p>

Difference with:

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G = +0.48</td>
<td>p &lt; .001</td>
</tr>
<tr>
<td>O-SLW/c/sq/v/3/c</td>
<td>G = +0.42</td>
<td>p &lt; .001</td>
</tr>
</tbody>
</table>
Findings on Happiness and MEDICAL TREATMENT

<table>
<thead>
<tr>
<th>O-SLW/c/sq/v/3/c</th>
<th>DMT=+1.2</th>
<th>Difference with recipients T3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19%</td>
<td>71%</td>
</tr>
</tbody>
</table>

Donor were already more satisfied than controls at T3 and became even more satisfied.

<table>
<thead>
<tr>
<th>O-HL/c/sq/v/3/aa</th>
<th>DMT=+1.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>- recipients T3</td>
<td>26%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O-HL/c/sq/v/3/aa</th>
<th>DMT=+2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>- population US</td>
<td>30%</td>
</tr>
</tbody>
</table>

Donors were already somewhat happier than controls at T1, but became much happier at T3

Correlational finding on Happiness and Effect of treatment on happiness

Subject code: M6.4

Study

SNEKK 2003


Page in Report: 106

Population: Rehabilitation patients, followed 2 years after trauma, Sweden 1993-1999

Sample: Non-probability chunk sample

Non-Response:

N: 28

Correlate

Authors label: injury sequale

Our classification: Effect of treatment on happiness, code M6.4
### Measurement:
Happiness assessed at:
- **T1:** Within one week after admission (median 35 days, range 6-80 days after injury)
- **T2:** Shortly before discharge (median 161 days, range 73-290 days after injury)
- **T3:** at follow up (median 24 months, range 12-41 months after injury)

### Measured Values:
% satisfied (score 5 or 6) Before
- T1: 85%
- T2: 58%
- T3: 31%

### Remarks:
Report at T1 concerns retrospective happiness before injury.

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
</table>
| O-SLW/u/sq/v/6/c   | D%=p<.05   | T1: 85% satisfied before injury (retrospect)  
                        T2: 58% satisfied shortly before discharge  
                        T3: 31% satisfied at follow-up! |
| O-SLW/u/sq/v/6/c   | BMCT=      | T1 < T2 < T3 |

---

### Correlational finding on Happiness and Effect of treatment on happiness

Subject code: M6.4

### Study
WAMST 2003


*Population:* Obese persons, treated with meal substitutes, The Netherlands, 2000

*Sample:* Non-probability chunk sample

*Non-Response:* ?
Findings on Happiness and MEDICAL TREATMENT

Correlate

Authors label: Happiness following diet

Our classification: Effect of treatment on happiness, code M6.4

Measurement: Low Caloroy Diet (LCD) using meal supplements. 800-1000 kilocalories a day.
Ss visited a dietist every week
T1: week before diet
T2: week 9

Remarks: Ss lost on average 10% weight between T1 and T2

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-TH/cm/sq/v/5/a</td>
<td>DM=+</td>
<td>M          SD</td>
</tr>
<tr>
<td></td>
<td>p&lt;.007</td>
<td>T1: 75,9   18,2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2: 80,8   12,9</td>
</tr>
</tbody>
</table>

D%=
T1-T2 CHANGE of happiness
worse no change better
33% 6% 62%

Correlational finding on Happiness and Attitudes to medical treatment
Subject code: M6.5

Study FROMM 1996

Reported in: Fromm, K.; Andrykowski, A.; Hunt, J.
Positive and Negative Psychosocial Sequelae of Bone Marrow Transplantations for Quality of Life Assessment.
Journal of Behavioral Medicine, 1996, Vol. 19, 221 - 240. ISSN p 0160 7715; ISSN e 1573 3521. DOI:10.1007/BF01857767
Page in Report: 233

Findings on Happiness and Medical Treatment

Population: Adult bone marrow transplantation survivors, USA. 1991
Sample: Non-probability chunk sample
Non-Response: 36%
N: 172

Correlate

Authors label: positive and negative sequelae
Our classification: Attitudes to medical treatment, code M6.5
Measurement: Self-report on open questions about changes following treatment:
a: Self-sequelae:
   Changes specifically related to the BMT survivor
b: Family-sequelae:
   Changes related to the respondent's family
c: Other sequelae:
   Changes related to outsiders

Responses within each of this three categories were categorized as positive or negative
Examples:
- positive self: more spirituality
- negative self: isolation
- positive family: more support
- negative family: financial constraint
- positive other: increased contacts
- negative other: lack of empathy

Measured Values: % statements: - positive 90%, negative 86% about self - positive 89%, negative 74% about family - positive 49%, negative 43% about others

Remarks: Greater appreciation of life mentioned by 47% (coded as positive self)

Observed Relation with Happiness

Happiness Measure | Statistics | Elaboration/Remarks
---|---|---
C-BW/c/sq/l/11/a | r=+.04 ns | Number of positive changes
Findings on Happiness and Medical Treatment

C-BW/c/sq/l/11/a  \( r = -.41 \)  \( p < .01 \)  Number of negative changes

Correlational finding on Happiness and Trust in medical professionals

**Subject code: M6.5.1**

**Study**

ORMEL 1980

*Reported in:* Ormel, J.  
Moeite met Leven of een Moeilijk Leven. (Difficulties with Living or a Difficult Life).  
Konstapel, 1980, Groningen, Netherlands  
Page in Report: 350

**Population:** 15-60 aged, general public, followed 12 month, The Netherlands, 1967-77

**Sample:**

*Non-Response:* 18%

\( N: 296 \)

**Correlate**

*Authors label:* Readiness to consult a doctor (1)

*Our classification:* Trust in medical professionals, code M6.5.1

*Measurement:* Ss were confronted with a list of 16 symptoms and asked whether they in that case they would consult a doctor (no/yes). Additive index.  
Assessed at T2(1976).

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cw/mq/v/4/c</td>
<td>( r = +.00 ) ns</td>
<td>T2 happiness by T2 readiness to consult a doctor.</td>
</tr>
<tr>
<td>A-BB/cw/mq/v/4/c</td>
<td>( r = +.01 ) ns</td>
<td>T3 happiness by T2 readiness to consult a doctor.</td>
</tr>
</tbody>
</table>
Correlational finding on Happiness and Trust in medical professionals
Subject code: M6.5.1

Study TESSL 1975

Reported in: Tessler, R.; Mechanic, D.
Consumer Satisfaction with Prepaid Group Practice: A Comparative Study.
Journal of Health and Social Behavior, 1975, Vol. 16, 95 -113. ISSN 0022 1465
Page in Report: 103

Population: Employees' families, two firms, USA, 1973

Sample:

Non-Response: -

N: 712

Correlate

Authors label: Faith in doctors (1)

Our classification: Trust in medical professionals, code M6.5.1

Measurement: Choice between the following alternatives:
- I have a great faith in doctors
- In general I think doctors do a good job
- In general I think doctors are overrated
- I distrust doctors

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks
A-AOL/g/sq/v/3/c r=+.03 ns

Correlational finding on Happiness and Trust in medical professionals
Subject code: M6.5.1

**Correlate**

*Authors label:* Scepticism towards medical care (1)  
*Our classification:* Trust in medical professionals, code M6.5.1  
*Measurement:* 6-item index (see Bice & Kalimos, 1971)  
A typical item is: "Do you often doubt some of the things doctors say they can do?"

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r = .07</td>
<td>p &lt; .05</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Trust in medical professionals**  
**Subject code:** M6.5.1  
**Study**  
*Reported in:* Tessler, R.; Mechanic, D.  
Consumer Satisfaction with Prepaid Group Practice: A Comparative Study.  
Journal of Health and Social Behavior, 1975, Vol. 16, 95-113. ISSN 0022-1465  
Page in Report: 103  
*Population:* Employees' families, two firms, USA, 1973  
*Sample:*  
*Non-Response:* -  
*N:* 712
**Population:** Employees' families, two firms, USA, 1973

**Sample:**

**Non-Response:** -

**N:** 712

### Correlate

**Authors label:** Readiness to seek care (1)

**Our classification:** Trust in medical professionals, code M6.5.1

**Measurement:** Likelihood of seeking medical care in eight hypothetical situations involving pain and symptomatology.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r=+.01</td>
<td>ns</td>
</tr>
</tbody>
</table>

**Correlational finding on Happiness and Trust in medical professionals**

**Subject code:** M6.5.1

**Study**

**TESSL 1975**


**Page in Report:** 102

**Population:** Employees' families, two firms, USA, 1973

**Sample:**

**Non-Response:** -

**N:** 712
Findings on Happiness and MEDICAL TREATMENT

Correlate

Authors label: Satisfaction with medical care (2)

Our classification: Trust in medical professionals, code M6.5.1

Measurement: 11-item satisfaction with medical care index containing satisfaction with doctor's concern about health, warmth and personal interest, friendliness, training and technical competence, willingness to listen, amount of time spent with you, amount of privacy in doctor's office, amount of health information given, quality of medical care, adequacy of office facilities and equipment, and friendliness of nurses, receptionists, etc.

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r=+.12</td>
<td>Investigated among those who received some medical services in the past year.</td>
</tr>
<tr>
<td></td>
<td>p&lt;.001</td>
<td></td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Trust in medical professionals
Subject code: M6.5.1

Study TESSL 1975

Page in Report: 105

Population: Employees' families, two firms, USA, 1973

Sample: Non-Response: -

N: 712
Findings on Happiness and MEDICAL TREATMENT

Authors label: Satisfaction with medical care for children (1)
Our classification: Trust in medical professionals, code M6.5.1
Measurement: 11-item satisfaction with medical care index rephrased so as to be appropriate to measure satisfaction with care received by children.

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
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<th>Elaboration/Remarks</th>
</tr>
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<tbody>
<tr>
<td>A-AOL/g/sq/v3/c</td>
<td>Beta=ns</td>
<td>Computed for Ss with children under 12 only (N = 386)</td>
</tr>
</tbody>
</table>

β controlled for socio-demographic and various attitudional variables.

Correlational finding on Happiness and Satisfaction with health-services
Subject code: M6.5.2

Study

Reported in: Hulin, C.L.
Source of Variation in Job and Life Satisfaction: The Role of Community and Job-Related Variables.
Page in Report: 285

Population: White collar workers, living in company towns, Columbia Canada, 196?

Sample:
Non-Response: 24%
N: 470

Correlate

Authors label: Satisfaction with community's medical facilities. (1)
Our classification: Satisfaction with health-services, code M6.5.2
Findings on Happiness and Medical Treatment

**Measurement:** Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/g/sq/fi7/a</td>
<td>r = + ns</td>
<td>Males: r = +.09 (ns) &lt;br&gt; Females: r = +.05 (ns)</td>
</tr>
</tbody>
</table>

---

**Correlational finding on Happiness and Satisfaction with Health-services**

**Subject code:** M6.5.2

**Study**

HULIN 1969


**Population:** White collar workers, living in company towns, Columbia Canada, 196?

**Sample:**

Non-Response: 24%<br>
N: 470

**Correlate**

**Authors label:** Satisfaction with availability of doctors in the comm. (1) <br>**Our classification:** Satisfaction with health-services, code M6.5.2 <br>**Measurement:** Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.
Observed Relation with Happiness

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<td>O-SLu/g/sq/f/7/a</td>
<td>r=+.13</td>
<td>Males only.</td>
</tr>
<tr>
<td></td>
<td>p&lt;.05</td>
<td></td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Satisfaction with health-services

Subject code: M6.5.2

Study

HULIN 1969

Reported in: Hulin, C.L.
Source of Variation in Job and Life Satisfaction: The Role of Community and Job-Related Variables.
Page in Report: 285

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Sample:
Non-Response: 24%
N: 470

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Authors label: Satisfaction with availability of den-tists in the commun. (1)
Our classification: Satisfaction with health-services, code M6.5.2
Measurement: Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.

Observed Relation with Happiness

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</tbody>
</table>
Correlational finding on Happiness and Satisfaction with health-services
Subject code: M6.5.2

Study
LEVY 1975/2

Reported in: Levy, S.; Guttman, L.
On the Multivariate Structure of Well-Being.
Social Indicators Research, 1975, Vol. 2, 361 - 388. ISSN 0303 8300. DOI:10.1007/BF00293253
Page in Report: 373

Population: 18+ aged, general public, urban areas, Israel, 1973

Sample:
Non-Response: -
N: 1830

Correlate

Authors label: Satisfaction with medical services (2)
Our classification: Satisfaction with health-services, code M6.5.2
Measurement: Direct closed question

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
<th>Elaboration/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.15</td>
<td></td>
</tr>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.20</td>
<td></td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Satisfaction with health-services
Subject code: M6.5.2

Study
MOLLE 2006
Findings on Happiness and Medical Treatment

Reported in: Moller, V.
Satisfied and Dissatisfied South Africans: Results From The General Household Survey in the International Comparison.
Page in Report: 403

Population: Adults, South Africa, 2002
Sample: Probability multistage stratified area sample
Non-Response:
N: 2200

Correlate

Authors label: Social worker services in the past
Our classification: Satisfaction with health-services, code M6.5.2
Measurement: Used social worker services in the past (vs not)

Measured Values: 2%

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Measure</th>
<th>Statistics</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/g/sq/n/11/c</td>
<td>D%=&gt;</td>
<td>% happy 47 (sample mean 52%)% unhappy 41 (sample mean 36%)</td>
</tr>
</tbody>
</table>

Happiness of Ss with no social worker services in the past not reported

Correlational finding on Happiness and Satisfaction with health-services
Subject code: M6.5.2

Study TESSL 1975
Findings on Happiness and MEDICAL TREATMENT


Population: Employees' families, two firms, USA, 1973

Sample:

Non-Response: -

N: 712

Correlate

Authors label: Satisfaction with medical care (1)

Our classification: Satisfaction with health-services, code M6.5.2

Measurement: 11-item satisfaction with medical care index containing satisfaction with doctor's concern about health, warmth and personal interest, friendliness, training and technical competence, willingness to listen, amount of time spent with you, amount of privacy in doctor's office, amount of health information given, quality of medical care, adequacy of office facilities and equipment, and friendliness of nurses, receptionists, etc.

Observed Relation with Happiness

<table>
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</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r=+.12</td>
<td>Investigated among those who received some medical services in the past year.</td>
</tr>
<tr>
<td></td>
<td>p&lt;.001</td>
<td></td>
</tr>
</tbody>
</table>

Correlational finding on Happiness and Satisfaction with health-services

Subject code: M6.5.2

Study TESSL 1975
Findings on Happiness and MEDICAL TREATMENT

Reported in: Tessler, R.; Mechanic, D.
Page in Report: 105

Population: Employees' families, two firms, USA, 1973

Sample:
Non-Response: -
N: 712

Correlate

Authors label: Satisfaction with medical care for children (2)
Our classification: Satisfaction with health-services, code M6.5.2
Measurement: 11-item satisfaction with medical care index rephrased so as to be appropriate to measure satisfaction with care received by children.

Observed Relation with Happiness

Happiness Measure Statistics Elaboration/Remarks

A-AOL/g/sq/v/3/c Beta=ns Computed for Ss with children under 12 years only (N = 386)

β controlled for socio-demographic and various attitudinal variables.

Appendix 1: Happiness Items used

Happiness Item Code Full Text
Findings on Happiness and MEDICAL TREATMENT

Self rating on 16 questions:

In the recent weeks, did you feel
A Joyfull
B In good spirits
C Contented
E Enthusiastic
F Relaxed
G Happy
H Confident
J Cheerfull
K Short-tempered
L Jealous
M Anxious
N Sad
O Angry
P Worried
Q Gloomy
R Aggressive

Rated:
0 never
1 sometimes
2 often

Summation: \( (A+B+C+D+E+F+G+H+J) - (K+L+M+N+O+P+Q+R) \)

Name: TACQOL Positive and Negative emotional functioning scales

Self report on 20 questions on experienced feelings in the past two weeks

A Negative feelings rated yes/no
Aa I felt that I could not shake of the blues, not even with the help of my family and friends
Ab I felt depressed
Ac I thought that my life was a failure
Ad I felt fearfull
Ae I felt lonely
Af I had crying spells
Ag I felt sad
Ah I was bothered by things that usually do nor bother me
Ai I did not feel like eating, my appetite was poor
Aj I had trouble on keeping my mind on what I was doing
Ak I felt everything I did was an effort
Al My sleep was restless
Am It seemed that I talked less than usual
An People were unfriendly
Ao I felt that people disliked me
Ap I could not get going

B Positive feelings rated 0-4
Ba I felt that I was just as good as other people
Findings on Happiness and MEDICAL TREATMENT

Bb I felt hopeful about the future
Bc I felt happy
Bd I enjoyed life

Computation: A - B

Name: Adjusted CES-D

A-AOL/c/sq/v/4/b Selfreport on single closed question:

"How is your mood these days....?"
4 very good all the time
3
2
1 not good almost all the time

A-AOL/g/sq/v/3/c Selfreport on single question:

"Would you say that your spirits most of the time are...?"
3 very good
2 fair
1 low

A-AOL/m/sq/v/5/a Single direct question:

How are you feeling now....?
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

A-AOL/se/sq/v/7/a Selfreport on single question

"Taken things together: how did you feel since you got ill....?"
7 very good
6
5
4
3
2
1 very bad
Findings on Happiness and MEDICAL TREATMENT

Index of ratings by:
A: interviewer, based on open interview
B: spouce
C: nurse

1 depressed
2
3
4
5
6
7
8
9 elated

Selfreport on 10 questions:

During the past few weeks, did you ever feel ....? (yes/no)
A Particularly exited or interested in something?
B So restless that you couldn't sit long in a chair?
C Proud because someone complimented you on something you had done?
D Very lonely or remote from other people?
E Pleased about having accomplished something?
F Bored?
G On top of the world?
H Depressed or very unhappy?
I That things were going your way?
J Upset because someone criticized you?

Answer options and scoring:
yes = 1
no = 0

Summation:
-Positive Affect Score (PAS): A+C+E+G+I
-Negative Affect Score (NAS): B+D+F+H+J
-Affect Balance Score (ABS): PAS minus NAS
Possible range: -5 to +5

Name: Bradburn's 'Affect Balance Scale' (standard version)
Findings on Happiness and MEDICAL TREATMENT

A-BB/cw/mq/v/4/c Selfreport on 8 questions:

"In the past few weeks did you ever feel.....?"
A Pleased about having accomplished something
B Upset because someone critized you
C Proud because someone complimented you one something you had done
D That things are going your way
E So restless you couldn't sit long in a chair
F Unhappy or depressed
G Particularly interested in something
H Lonely and remote from other people

Response options:
0 not at all
1 sometimes
2 often
3 very often

Scoring: a = 0.........d = 3

Summation:
Positive Affect Score (PAS): summed scores on A, C, D, G
Negative Affect Score (NAS): summed scores on B, E, F, H
Affect Balance Score (ABS): PAS minus NAS

Name: Bradburn's Affect Balance Scale (variant)

A-BH/g/mq/v/5/a Selfreport on 20 questions

How do you feel on the average?
A Active
B Energetic
C Lively
D Vigorous
E Exhausted
F Fatigued
G Tired
H Weary
I Worn out
J Aggravated
K Agitated
L Hostile
M Irritable
N Upset
O Uptight
P Calm
Q Peaceful
R Relaxed
S Serene
T Tranquil
Rating scale
1 very slightly to not at all
2
3
4
5 extremely

Computation: PA-NA: PA = A-D, P-T, NA = E-O

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"
[ 10 ] best possible life
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ]
[ 0 ] worst possible life

Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.

Name: Cantril's self anchoring ladder rating of life (original)

Selfreport on 6 questions:

A On the whole, how happy would you say you are?
B On the whole, I think I am a quite happy person.
C In general, how would you say you feel most of the time - in good or in low spirits?
D I get a lot of fun out of life.
E I wish I could be as happy as others seem to be.
F How often do you feel downcast and rejected?

Response options: not reported

The items of this scale were randomly distributed in the questionnaire.

Name: Rosen 'Depressive Affect Scale'
Findings on Happiness and MEDICAL TREATMENT

M-AO/u/mq/v/5/a Selfreport on 2 questions:

A "Taking all aspects of yourself and your life into account, which of the following best describes your own feelings of satisfaction with life....?"
5 I am extremely satisfied with my life
4 I am satisfied with my life
3 I am somewhat satisfied with my life
2 I am slightly satisfied with my life
1 I am not at all satisfied with my life

B "In general terms, about what proportion of the time do you feel satisfied.....?"
5 all of the time
4 most of the time
3 some of the time
2 rarely
1 never

Summation: not reported

M-TH/cm/sq/v/5/a Selfreport on single question:

During the past 4 weeks.... Have you been a happy person?
5 all of the time
4 most of the time
3 some of the time
2 a little of the time
1 none of the time

Item MH5 in SF-36 (Medical Outcome Study 36 item Short Form) version 2 (5-step rating scale)

M-TH/cm/sq/v/6/a Selfreport on single question:

During the past 4 weeks.... Have you been a happy person?
6 all of the time
5 most of the time
4 a good bit of the time
3 some of the time
2 a little of the time
1 none of the time

Item MH5 in SF-36 (Medical Outcome Study 36 item Short Form)
Findings on Happiness and Medical Treatment

O-DT/u/sq/f/7/a Selfreport on single question:

Which face comes closest to expressing feeling about life as a whole?
7 delighted
6 very satisfying
5 satisfying
4 mixed
3 dissatisfying
2 very dissatisfying
1 terrible
- No opinion

Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version)

O-DT/u/sqt/v/7/a Selfreport on single question, asked twice in interview:

How do you feel about your life as a whole......?
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

Summation: arithmetic mean

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)
Also known as Lehman's 'Global lifesatisfaction'

O-HL/c/sq/?/6/a Selfreport on single question:

"Generally speaking, are you happy these days......?"
6 very happy
5
4
3
2
1 very unhappy
(Response options not fully reported)

O-HL/c/sq/v/3/aa Selfreport on single question:

Taken all together, how would you say things are these days? Would you say that you are....? 
3 very happy
2 pretty happy
1 not too happy
Findings on Happiness and MEDICAL TREATMENT

O-HL/c/sq/v/3/cb Selfreport on single question:
In general, how happy are you these days .....?
3 very happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/5/c Selfreport on single question:
"Taking all things together, how would you say you are these days.....?"
5 extremely happy
4 very happy
3 happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/5/h Selfreport on single question
'How happy are you now?'
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

Original text in Danish:
'Hvor lykkelig er du for tiden?'
5 meget lykkelig
4 lykkelig
3 hverken eller
2 ullykkelig
1 meget ullykkelig

O-HP/c/sq/v/3/a Selfreport on single question:
All things considered, how would you describe yourself these days? Would you say you are...?
3 very happy
2 fairly happy
1 not too happy
Findings on Happiness and MEDICAL TREATMENT

O-HP/g/sq/ol/7/a Selfreport on single question:

"Generally speaking are you a happy person.......?"

Responses were made on an open line scale, and were later coded in 7 categories:
1 very unhappy
2
3
4
5
6
7 very happy.

O-SLu/c/sq/v/5/e Selfreport on single question:

'How satisfied are you with your life now?'
5 very satisfied
4 satisfied
3 neither satisfied nor dissatisfied
2 dissatisfied
1 very dissatisfied

Original text in Danish:
' Hvorn tilfreds er du med dit liv for tiden?'
5 meget tilfreds
4 tilfreds
3 hverken tilfreds eller utilfreds
2 utilfreds
1 meget utilfreds

O-SLu/g/sq/f/7/a Selfreport on single question:

''...... satisfaction with life in general.......''
(Full question not reported.)

Responses scored on pictorial scale consisting of seven smilies, expressing variations from very unhappy to very happy.
1 unhappy face
2
3
4 neutral face
5
6
7 unhappy face
(Pictures not reproduced here.)

Name: Kunin's 'Faces Scale'.
O-SLu/g/sq/n/10/a  Selfreport on single question:

How satisfied are you with your life in general?
1 very dissatisfied
2
3
4
5
6
7
8
9
10 very satisfied

O-SLu/g/sq/n/11/c  Selfreport on single question:

How satisfied are you with your life in general?
10 completely satisfied
9
8
7
6
5
4
3
2
1
0 completely dissatisfied

O-SLW/c/sq/n/7/a  Selfreport on single question:

We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?
7 completely satisfied
6
5
4 neutral
3
2
1 completely dissatisfied

O-SLW/c/sq/v/3/c  Selfreport on single question:

"In general: how satisfying do you find the way of life these days......?"
3 completely satisfying
2 pretty satisfying
1 not satisfying
Findings on Happiness and MEDICAL TREATMENT

O-SLW/cw/sq/ol/11/ a
Selfreport on single question;
How satisfied or unsatisfied were you last week with your life in general?
Please answer this question below by drawing a cross on the line

_________________________________________
completely completely
Scoring: mm on this 100 mm line

O-SLW/se/sq/?/7/a
Selfreport on single question:
"How satisfied are you about your life as a whole since that time?" (onset of disease)
7 very satisfied
6
5
4
3
2
1 very dissatisfied

O-SLW/u/sq/n/11/ ca
Selfreport on single question:
Thinking about your own life and personal circumstances, how satisfied are you with your life as a whole?
1 very dissatisfied
2
3
4
5 neutral
6
7
8
9
10 very satisfied

First item in Cummins' 'Personal Well-being Scale' (labels used until 2005)

O-SLW/u/sq/v/6/c
Self report on single question:
My life as a whole is ..
6 very satisfying
5 satisfying
4 rather satisfying
3 rather dissatisfying
2 dissatisfying
1 very dissatisfying
Appendix 2: Statistics used

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| AoV    | ANALYSIS of VARIANCE (ANOVA)  
Type: statistical procedure  
Measurement level: Correlate(s): nominal, Happiness: metric.  
In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.  
NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN’s MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS) |
| B      | REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS)  
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Theoretical range: unlimited  
Meaning:  
B > 0 A higher correlate level corresponds with, on an average, higher happiness rating.  
B < 0 A higher correlate level corresponds with, on an average, lower happiness rating.  
B = 0 Not any correlation with the relevant correlate. |
Beta

Standardized Regression Coefficient by Least Squares (OLS)
Type: test statistic.
Measurement level: Correlates: all metric, Happiness: metric.
Range: [-1 ; +1]

Meaning:
beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.
beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.
beta = 0 « no correlation.
beta = +1 or -1 « perfect correlation.

Remark:
Mean of observations is subtracted from all observations if standardized.

BMCT

Bonferroni's Multiple Comparison Test
Type: statistical procedure
Measurement level: Correlate: nominal, Happiness: metric

Meaning: if the correlate is measured at c levels, the c mean happiness values can be ranked from low to high. A multiple comparison procedure judges for each of the \( \frac{1}{2}c(c-1) \) pairs whether or not they differ significantly. A convenient way to represent the results is by ranking the c means and by underlining them in such a way that means which have a common underlining do NOT differ significantly.

When added by us, this test is performed at the 95% confidence level for all the differences together.

D%
Difference in Percentages
Type: descriptive statistic only.
Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous
Range: [-100; +100]

Meaning: the difference of the percentages happy people at two correlate levels.

DM
Difference of Means
Type: descriptive statistic only.
Measurement level: Correlate: dichotomous, Happiness: metric
Range: depending on the happiness rating scale of the author; range symmetric about zero.

Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.

DMa
Difference in Adjusted Means, See also Ma
Computed in Analysis of Covariance (ANCOVA) or in multiple classification analysis (MCA)
Seldom used in happiness research. See excerpted report for further reference.
Findings on Happiness and MEDICAL TREATMENT

DMs  STANDARDIZED DIFFERENCE of MEANS (CRITICAL RATIO)
Type: test statistic.
Measurement level: Correlate: dichotomous, Happiness: metric
Theoretical range: unlimited

Meaning: DMs is the ratio of the difference of the, either untransformed or transformed, means and its standard error.

DMt  DIFFERENCE of MEANS AFTER TRANSFORMATION
Type: descriptive statistic only.
Measurement level: Correlate: dichotomous, Happiness: metric
Theoretical range: [-10; +10]

Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.

ES  EFFECT SIZE
Type; descriptive statistic
Range: [-1;+1]

Meaning:
Computation: T1-T2 mean devided by pooled SD
Interpretation: ES<.20 trivial, .20>ES>.50 small, .50>ES>.80 medium, >.80 large effect

Reference: Cohen

F  F-STATISTIC
Type: asymmetric standard test statistic.
Range: nonnegative unlimited

Meaning : the test statistic is also called the "Variance Ratio" and is the ratio of two independent estimators of the same variance with n1 and n2 degrees of freedom respectively. The critical values of its probability distribution are tabulated extensively in almost any textbook on Statistics

G  GOODMAN & Kruskal's GAMMA
Type: test statistic
Measurement level: Correlate: ordinal, Happinessl: ordinal
Range: [-1; +1]

Meaning:
G = 0 « no rank correlation
G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.
G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.
Findings on Happiness and MEDICAL TREATMENT

mc  Guttman's monotonicy coefficient.
Range: [-1, +1].
Measurement level: Both correlate and happiness ordinal or interval
Based on the multiplication of signed differences within one variable with the
 corresponding difference in the second variable and summation over all possible
differences.
Seldom used in happiness research. See excerpted report.

r  PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation
coefficient' or simply 'correlation coefficient')
Type: test statistic.
Measurement level: Correlate: metric, Happiness: metric
Range: [-1; +1]

Meaning:
r = 0 « no correlation ,
r = 1 « perfect correlation, where high correlate values correspond with high
happiness values, and
r = -1 « perfect correlation, where high correlate values correspond with low
happiness values.

rs  SPEARMAN'S RANK CORRELATION COEFFICIENT
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal.
Range: [-1; +1]

Meaning:
rs = 0 « no rank correlation
rs = 1 « perfect rank correlation, where high correlate values are associated with high
happiness ratings
rs = -1 « perfect rank correlation, where high correlate values are associated with low
happiness ratings

T  t-STATISTIC (Student's t-statistic)
Type: symmetric standard test statistic.
One parameter: n (= number of degrees of freedom (df) ; range df: [1; + infinite)
Range for t: unlimited

Meaning: the test statistic is the ratio of a difference between a statistic and its
expected value under the null hypothesis and its (estimated) standard error with n
degrees of freedom.
The critical values of its probability distribution are tabulated extensively in almost any
textbook on Statistics.
KENDALL'S TAU-C (Also referred to as Stuart's tau-c)
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
tc = 0 « no rank correlation
tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

Appendix 3: About the World Database of Happiness

Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

World literature on Happiness
Selection on subject

Bibliography and Directory

Selection of empirical studies
Selection on valid measurement: Item Bank

Abstracting and classification of findings

How happy people are, distributional findings
Happiness in Nations, Happiness in Publics

What goes together with happiness
Correlational Findings

Listing of comparable findings in Nations
States of Nations, Trends in Nations
Size of the collections
1226 Happiness measures (Item Bank)
4258 Nations surveys in 206 Nations
149 Distinguished publics in 1199 studies
12032 Correlational findings in 1196 studies

Appendix 4 Further Findings in the World Database of Happiness

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### Appendix 5: Related Subjects

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### Findings on Happiness and MEDICAL TREATMENT

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**T2** THERAPY

**T2.2.6** Effect of health training (rehabilitation)

**B2.2.1.2** - medical treatment of mother during pregnancy

**B2.5.2.2** - medical treatment in 1st year of life

**M7.4** Current positive mental health

**H9.3** Current medical consumption

**O2** ORGAN TRANSPLANTATION

**P6.1.2** Change in physical health

**H9.2** Current healthy life-style

**P6.5.3** Conceptions of illness and healing

**L10.4.2.2** satisfaction with medical services

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**A report of the World Database of Happiness, Correlational Findings**