

NECK DISABILITY INDEX

Instructions: this questionnaire has been designed to give us information as to how your neck pain has affected your ability to manage everyday life. Please answer every section and mark in each section only the ONE box which applies to you at this time. We realize you may consider two of the statements in any section may relate to you, but please mark the box which most closely describes your problem TODAY.

1. PAIN INTENSITY

- I have no pain at the moment
- The pain is very mild at the moment
- The pain is moderate at the moment
- The pain is fairly severe at the moment
- The pain is very severe at the moment
- The pain is the worst imaginable at the moment

2. PERSONAL CARE

- I can look after myself normally without causing extra pain
- I can look after myself normally but it causes extra pain
- It is painful to look after myself and I am slow and careful
- I need some help but manage most of my personal care
- I need help every day in most of my personal care
- I don't get dressed, I was with difficulty and stay in bed

3. LIFTING

- I can lift heavy weights without extra pain
- I can lift heavy weights but it causes extra pain
- Pain prevents me from lifting heavy weights off the floor, but I can manage if they are conveniently positioned, for example on a table
- Pain prevents me from lifting heavy weights, but I can manage light to medium weights if they are conveniently positioned
- I can lift very light weights
- I cannot lift or carry anything at all

4. READING

- I can read as much as I want to with no pain in my neck
- I can read as much as I want to with slight pain in my neck
- I can read as much as I want with moderate pain in my neck
- I can't read as much as I want because of moderate pain in my neck
- I can hardly read at all because of severe pain in my neck
- I cannot read at all

5. HEADACHES

- I have no headaches at all
- I have slight headaches which come infrequently
- I have moderate headaches which come infrequently
- I have moderate headaches which come frequently
- I have severe headaches which come frequently
- I have headaches almost all the time

6. CONCENTRATION

- I can concentrate fully when I want to with no difficulty
- I can concentrate fully when I want to with slight difficulty
- I have a fair degree of difficulty in concentrating when I want
- I have a lot of difficulty in concentrating when I want to
- I have a great deal of difficulty in concentrating when I want
- I cannot concentrate at all

7. WORK

- I can do as much work as I want to
- I can only do my usual work, but no more
- I can do most of my usual work, but no more
- I cannot do my usual work
- I can hardly do any work at all
- I can't do any work at all

8. DRIVING

- I can drive without any neck pain
- I can drive my car as long as I want with only slight pain in my neck
- I can drive my car as long as I want with moderate pain in my neck
- I can't drive my car as long as I want because of moderate pain in my neck
- I can hardly drive at all because of severe pain in my neck
- I can't drive my car at all because of severe pain in my neck

9. SLEEPING

- I have no trouble sleeping
- My sleep is slightly disturbed (less than 1 hour sleepless)
- My sleep is mildly disturbed (1-2 hours sleepless)
- My sleep is moderately disturbed (2-3 hours sleepless)
- My sleep is greatly disturbed (3-5 hours sleepless)
- My sleep is completely disturbed (5-7 hours sleepless)

10. RECREATION

- I am able to engage in all my recreation activities with no neck pain at all
- I am able to engage in all my recreation activities with some pain in my neck
- I am able to engage in most, but not all of my usual recreation activities because of my neck pain
- I am able to engage in only a few of my usual recreation activities because of pain in my neck
- I can hardly do any recreation activities because of pain in my neck
- I can't do any recreation activities at all because of pain in my neck



Scoring the Neck Disability Index

Simply count up the points and plug the total in below: For each question there is a possible of 5 points: 0 for the first question, 1 for the second question, 2 for the third question etc.

<u>Score</u>	<u>Disability Level</u>
0 - 4	No disability
5 - 14	Mild disability
15 - 24	Moderate disability
25 - 34	Severe disability
35 - 50	Completely disabled

REFERENCES:

Vernon H, Mior S. "The Neck Disability Index: a study of reliability and validity." J Manipulative Physiol Ther. 1991 Sep;14(7):409-15.



Any new research on the NDI related to reliability/validity?

Kose G, Hepguler S, Atamaz F, oder G. J Rehabil Med 2007 Jun;39(5):358-62. A comparison of four disability scales for Turkish patients with neck pain.

- All scales were reliable, valid and sensitive instruments, with similar psychometric properties.

Gay RE, Madson TJ, Cieslak KR. J Manipulative Physiol Ther. 2007 May;30(4):259-62. Comparison of the Neck Disability Index and the Neck Bournemouth Questionnaire in a sample of patients with chronic uncomplicated neck pain.

- The NDI and the NBQ performed comparably in this group of patients with chronic uncomplicated neck pain. Both are sensitive to change and would be efficient outcome tools in studies of chronic neck pain. Both had acceptable internal consistency and are appropriate for use as single-outcome scales.