

## NECK DISABILITY INDEX

This questionnaire has been designed to give the doctor information as to how your neck pain has affected your ability to manage in everyday life. **Please answer every section and mark in each section only ONE box** which applies to you. We realize you may consider that two of the statements in any one section relate to you, but **please just mark the box which MOST CLOSELY describes your problem.**

### Section 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.

### Section 2 -- Personal Care (Washing, Dressing, etc.)

- 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 aspects of self care.
- I do not get dressed, I wash with difficulty and stay in bed.

### Section 3 – Lifting

- I can lift heavy weights without extra pain.
- I can lift heavy weights but it gives 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.

### Section 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.
- 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.

### Section 5-Headaches

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

### Section 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 to.
- I have a lot of difficulty in concentrating when I want to.
- I have a great deal of difficulty in concentrating when I want to.
- I cannot concentrate at all.

### Section 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.

### Section 8 – Driving

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

### Section 9 – Sleeping

- I have no trouble sleeping.
- My sleep is slightly disturbed (less than 1 hr. sleepless).
- My sleep is moderately disturbed (1-2 hrs. sleepless).
- My sleep is moderately disturbed (2-3 hrs. sleepless).
- My sleep is greatly disturbed (3-4 hrs. sleepless).
- My sleep is completely disturbed (5-7 hrs. sleepless).

### Section 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 pain in my neck.
- I am able to engage in 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.

Scoring: Questions are scored on a vertical scale of 0-5. Total scores and multiply by 2. Divide by number of sections answered multiplied by 10. A score of 22% or more is considered a significant activities of daily living disability.  
 (Score \_\_\_ x 2) / ( \_\_\_ Sections x 10) = \_\_\_\_\_ %ADL

Comments \_\_\_\_\_ %ADL

Patient Name: \_\_\_\_\_ Date \_\_\_\_\_

## Modified Oswestry Low Back Pain Disability Questionnaire<sup>a</sup>

This questionnaire has been designed to give your doctor information as to how your back pain has affected your ability to manage in everyday life. Please answer every section and mark in each section only ONE box that best describes your condition today. We realize you may feel that two of the statements may describe your condition, but **please mark only the box that MOST CLOSELY describes your current condition.**

### Pain Intensity

- I can tolerate the pain I have without having to use pain medication.
- The pain is bad, but I can manage without having to take pain medication.
- Pain medication provides me with complete relief from pain.
- Pain medication provides me with moderate relief from pain.
- Pain medication provides me with little relief from pain.
- Pain medication has no effect on my pain.

### Personal Care (e.g., Washing, Dressing)

- I can take care of myself normally without causing increased pain.
- I can take care of myself normally, but it increases my pain.
- It is painful to take care of myself, and I am slow and careful.
- I need help, but I am able to manage most of my personal care.
- I need help every day in most aspects of my care.
- I do not get dressed, I wash with difficulty, and I stay in bed.

### Lifting

- I can lift heavy weights without increased pain.
- I can lift heavy weights, but it causes increased pain.
- Pain prevents me from lifting heavy weights off the floor, but I can manage if the weights are conveniently positioned (e.g., 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 only very light weights.
- I cannot lift or carry anything at all.

### Walking

- Pain does not prevent me from walking any distance.
- Pain prevents me from walking more than 1 mile. (1 mile = 1.6 km).
- Pain prevents me from walking more than 1/2 mile.
- Pain prevents me from walking more than 1/4 mile.
- I can walk only with crutches or a cane.
- I am in bed most of the time and have to crawl to the toilet.

### Sitting

- I can sit in any chair as long as I like.
- I can only sit in my favorite chair as long as I like.
- Pain prevents me from sitting for more than 1 hour.
- Pain prevents me from sitting for more than 1/2 hour.
- Pain prevents me from sitting for more than 10 minutes.
- Pain prevents me from sitting at all.

### Standing

- I can stand as long as I want without increased pain.
- I can stand as long as I want, but it increases my pain.
- Pain prevents me from standing for more than 1 hour.
- Pain prevents me from standing for more than 1/2 hour.
- Pain prevents me from standing for more than 10 minutes.
- Pain prevents me from standing at all.

### Sleeping

- Pain does not prevent me from sleeping well.
- I can sleep well only by using pain medication.
- Even when I take medication, I sleep less than 6 hours.
- Even when I take medication, I sleep less than 4 hours.
- Even when I take medication, I sleep less than 2 hours.
- Pain prevents me from sleeping at all.

### Social Life

- My social life is normal and does not increase my pain.
- My social life is normal, but it increases my level of pain.
- Pain prevents me from participating in more energetic activities (e.g., sports, dancing).
- Pain prevents me from going out very often.
- Pain has restricted my social life to my home.
- I have hardly any social life because of my pain.

### Traveling

- I can travel anywhere without increased pain.
- I can travel anywhere, but it increases my pain.
- My pain restricts my travel over 2 hours.
- My pain restricts my travel over 1 hour.
- My pain restricts my travel to short necessary journeys under 1/2 hour.
- My pain prevents all travel except for visits to the physician / therapist or hospital.

### Employment / Homemaking

- My normal homemaking / job activities do not cause pain.
- My normal homemaking / job activities increase my pain, but I can still perform all that is required of me.
- I can perform most of my homemaking / job duties, but pain prevents me from performing more physically stressful activities (e.g., lifting, vacuuming).
- Pain prevents me from doing anything but light duties.
- Pain prevents me from doing even light duties.
- Pain prevents me from performing any job or homemaking chores.

### FOR OFFICE USE ONLY

Score: /50 x 100 = \_\_\_\_\_% points

Scoring: For each section the total possible score is 5; if the first statement is marked the section score = 0, if the last statement is marked it = 5. If all ten sections are completed the score is calculated as follows: Example:  $\frac{16}{50}$  (total scored)

$$\frac{16}{50} \text{ (total possible score)} \times 100 = 32\%$$

If one section is missed or not applicable the score is calculated:  $\frac{16}{45}$  (total scored)

$$\frac{16}{45} \text{ (total possible score)} \times 100 = 35.5\%$$

Minimum Detectable Change (90% confidence): 10% points (Change of less than this amount may be attributed to error in the measurement.)

Source: Fritz JM, Irgang JJ. A comparison of a modified Oswestry Low Back Pain Disability Questionnaire and the Quebec Back Pain Disability Scale. Physical Therapy. 2001;81:776-788.

<sup>a</sup>Modified by Fritz & Irgang with permission of The Chartered Society of Physiotherapy, from Fairbanks JCT, Couper J, Davies JB, et al. The Oswestry Low Back Pain Disability Questionnaire. Physiotherapy. 1980;66:271-273.