

Lower Extremity Functional Index

We are interested in knowing whether you are having any difficulty at all with the activities listed below because of your lower limb problem for which you are currently seeking attention. Please provide an answer for each activity.

Today, do you or would you have any difficulty at all with:

(Circle one number on each line)

Activities	Extreme Difficulty or unable to perform activity	Quite a bit of difficulty	Moderate difficulty	A little bit of difficulty	No difficulty
a. Any of your usual work, housework or school activities.	0	1	2	3	4
b. Your usual hobbies, recreational or sporting activities	0	1	2	3	4
c. Getting into or out of the bath.	0	1	2	3	4
d. Walking between rooms.	0	1	2	3	4
e. Putting on your shoes or socks.	0	1	2	3	4
f. Squatting.	0	1	2	3	4
g. Lifting an object, like a bag of groceries from the floor.	0	1	2	3	4
h. Performing light activities around your home.	0	1	2	3	4
i. Performing heavy activities around your home.	0	1	2	3	4
j. Getting into or out of a car.	0	1	2	3	4
k. Walking 2 blocks.	0	1	2	3	4
l. Walking a mile.	0	1	2	3	4
m. Going up or down 10 stairs (about 1 flight of stairs).	0	1	2	3	4
n. Standing for 1 hour.	0	1	2	3	4
o. Sitting for 1 hour.	0	1	2	3	4
p. Running on even ground.	0	1	2	3	4
q. Running on uneven ground.	0	1	2	3	4
r. Making sharp turns while running fast.	0	1	2	3	4
s. Hopping.	0	1	2	3	4
t. Rolling over in bed.	0	1	2	3	4
COLUMN TOTALS					

Score variation ± 6 LEFTS points
MDC & MCID = 9 LEFS points

Score ____/80

The Revised Oswestry Disability Index (for low back pain/dysfunction)

Patient name: _____ File # _____ Date: _____

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

SECTION 1-PAIN INTENSITY

- ☐ The pain comes and goes and is very mild.
- ☐ The pain is mild and does not vary much.
- ☐ The pain comes and goes and is moderate.
- ☐ The pain is moderate and does not vary much.
- ☐ The pain comes and goes and is very severe.
- ☐ The pain is severe and does not vary much.

SECTION 2-PERSONAL CARE

- ☐ I would not have to change my way of washing or dressing in order to avoid pain.
- ☐ I do not normally change my way of washing or dressing even though it causes some pain.
- ☐ Washing and dressing increases the pain, but I manage not to change my way of doing it.
- ☐ Washing and dressing increases the pain and I find it necessary to change my way of doing it.
- ☐ Because of the pain, I am unable to do some washing and dressing without help.
- ☐ Because of the pain, I am unable to do any washing and dressing without help.

SECTION 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 manage if they are conveniently positioned (e.g., on a table).
- ☐ Pain prevents me from lifting heavy weights off the floor.
- ☐ Pain prevents me from lifting heavy weights, but I can manage light to medium weights if they are conveniently positioned.
- ☐ I can only lift very light weights at the most.

SECTION 4-WALKING

- ☐ I have no pain on walking.
- ☐ I have some pain on walking, but it does not increase with distance.
- ☐ I cannot walk more than one mile without increasing pain.
- ☐ I cannot walk more than 1/2 mile without increasing pain.
- ☐ I cannot walk more than 1/4 mile without increasing pain.
- ☐ I cannot walk at all without increasing pain.

SECTION 5-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 more than one hour.
- ☐ Pain prevents me from sitting more than 1/2 hour.
- ☐ Pain prevents me from sitting more 10 minutes.
- ☐ I avoid sitting because it increases pain right away.

SECTION 6-STANDING

- ☐ I can stand as long as I want without pain.
- ☐ I have some pain on standing, but it does not increase with time.
- ☐ I cannot stand for longer than one hour without increasing pain.
- ☐ I cannot stand for longer than 1/2 hour without increasing pain.
- ☐ I cannot stand for longer than 10 minutes without increasing pain.
- ☐ I avoid standing because it increases the pain right away.

SECTION 7-SLEEPING

- ☐ I get no pain in bed.
- ☐ I get pain in bed, but it does not prevent me from sleeping well.
- ☐ Because of pain, my normal night's sleep is reduced by less than 1/4.
- ☐ Because of pain, my normal night's sleep is reduced by less than 1/2.
- ☐ Because of pain, my normal night's sleep is reduced by less than 3/4.
- ☐ Pain prevents me from sleeping at all.

SECTION 8-SOCIAL LIFE

- ☐ My social life is normal and gives me no pain.
- ☐ My social life is normal, but increases the degree of pain.
- ☐ Pain has no significant effect on my social life apart from limiting my more energetic interests, e.g., dancing, etc.
- ☐ Pain has restricted my social life and I do not go out very often.
- ☐ Pain has restricted my social life to my home.
- ☐ I have hardly any social life because of the pain.

SECTION 9-TRAVELLING

- ☐ I get no pain while travelling.
- ☐ I get some pain while travelling, but none of my usual forms of travel makes it any worse.
- ☐ I get extra pain while travelling, but it does not compel me to seek alternative forms of travel.
- ☐ I get extra pain while travelling, which compels me to seek alternative forms of travel.
- ☐ Pain restricts all forms of travel.
- ☐ Pain prevents all forms of travel except that done lying down.

SECTION 10-CHANGING DEGREE OF PAIN

- ☐ My pain is rapidly getting better.
- ☐ My pain fluctuates, but is definitively getting better.
- ☐ My pain seems to be getting better, but improvement is slow at present.
- ☐ My pain is neither getting better nor worse.
- ☐ My pain is gradually worsening.
- ☐ My pain is rapidly worsening.

Instructions:

1. This is a self-report questionnaire: the patient is instructed to fill it out.
2. The patient follows the general instructions given at the top of the questionnaire.
3. Each section must be completed. If the patient leaves one blank, instruct them to complete the form. It must be completed in one sitting.
4. Each section has 6 possible answers. Statement 1 is graded as 0 points; statement 6 is graded as 5 points. A total score of 50 is thus possible and would indicate 100% disability. So, for example, a total score of 10 of a possible 50 would constitute a 20% disability.
5. The following interpretation of disability scores is excerpted from the developers of the Oswestry system (457):

0%-20%: Minimal disability

This group can cope with most living activities. Usually no treatment is indicated, apart from advice on lifting, sitting posture, physical fitness, and diet. In this group some patients have particular difficulty with sitting, and this may be important if their occupation is sedentary, e.g., a typist or lorry [truck] driver.

20%-40% Moderate disability

This group experiences more pain and problems with sitting, lifting, and standing. Travel and social life are more difficult and they may well be off work. Personal care, sexual activity*, and sleeping are not grossly affected, and the back condition can usually be managed by conservative means.

40%-60%: Severe disability

Pain remains the main problem in this group of patients, but travel, personal care, social life, sexual activity*, and sleep are also affected. These patients require detailed investigation.

60%-80%: Crippled

Back pain impinges on all aspects of these patients' lives—both at home and at work—and positive intervention is required.

80%-100%

These patients are either bed-bound or exaggerating their symptoms. This can be evaluated by careful observation of the patient during medical examination.

6. It is recommended that clinicians focus their discussions of the results with patients in positive terms, rather than reporting disability scores. For example, point out the 10% improvement on a subsequent test.

* Note: in the revised Oswestry, sex life questions were replaced with recreation questions.

NECK PAIN DISABILITY INDEX QUESTIONNAIRE

PLEASE READ: This questionnaire is designed to enable us to understand how much your neck pain has affected your ability to manage your everyday activities. Please answer each section by circling the **ONE CHOICE** that most applies to you. We realize that you may feel that more than one statement may relate to you, but **PLEASE JUST CIRCLE THE ONE. CHOICE WHICH MOST CLOSELY DESCRIBES YOUR PROBLEM RIGHT NOW.**

<p>SECTION 1 - Pain Intensity</p> <p>A I have no pain at the moment. B The pain is very mild at the moment. C The pain is moderate at the moment. D The pain is fairly severe at the moment. E The pain is very severe at the moment. F The pain is the worst imaginable at the moment.</p>	<p>SECTION 6 - Concentration</p> <p>A I can concentrate fully when I want to with no difficulty. B I can concentrate fully when I want to with slight difficulty. C I have a fair degree of difficulty in concentrating when I want to. D I have a lot of difficulty in concentrating when I want to. E I have a great deal of difficulty in concentrating when I want to. F I cannot concentrate at all.</p>
<p>SECTION 2 - Personal Care (Washing, Dressing, etc.)</p> <p>A I can look after myself normally without causing extra pain. B I can look after myself normally, but it causes extra pain. C It is painful to look after myself and I am slow and careful. D I need some help, but manage most of my personal care. E I need help every day in most aspects of self care. F I do not get dressed, I wash with difficulty and stay in bed.</p>	<p>SECTION 7 - Work</p> <p>A I can do as much work as I want to. B I can only do my usual work, but no more. C I can do most of my usual work, but no more. D I cannot do my usual work. E I can hardly do any work at all. F I cannot do any work at all.</p>
<p>SECTION 3 - Lifting</p> <p>A I can lift heavy weights without extra pain. B I can lift heavy weights, but it gives extra pain. C Pain prevents me from lifting heavy weights off the floor, but I can manage if they are conveniently positioned, for example, on a table. D Pain prevents me from lifting heavy weights, but I can manage light to medium weights if they are conveniently positioned. E I can lift very light weights. F I cannot lift or carry anything at all.</p>	<p>SECTION 8 - Driving</p> <p>A I can drive my car without any neck pain. B I can drive my car as long as I want with slight pain in my neck. C I can drive my car as long as I want with moderate pain in my neck. D I cannot drive my car as long as I want because of moderate pain in my neck. E I can hardly drive at all because of severe pain in my neck. F I cannot drive my car at all.</p>
<p>SECTION 4 - Reading</p> <p>A I can read as much as I want to with no pain in my neck. B I can read as much as I want to with slight pain in my neck. C I can read as much as I want to with moderate pain in my neck. D I cannot read as much as I want because of moderate pain in my neck. E I cannot read as much as I want because of severe pain in my neck. F I cannot read at all.</p>	<p>SECTION 9 - Sleeping</p> <p>A I have no trouble sleeping. B My sleep is slightly disturbed (less than 1 hour sleepless). C My sleep is mildly disturbed (1-2 hours sleepless). D My sleep is moderately disturbed (2-3 hours sleepless). E My sleep is greatly disturbed (3-5 hours sleepless). F My sleep is completely disturbed (5-7 hours)</p>
<p>SECTION 5 - Headaches</p> <p>A I have no headaches at all. B I have slight headaches which come infrequently. C I have moderate headaches which come infrequently. D I have moderate headaches which come frequently. E I have severe headaches which come frequently. F I have headaches almost all the time.</p>	<p>SECTION 10 - Recreation</p> <p>A I am able to engage in all of my recreational activities with no neck pain at all. B I am able to engage in all of my recreational activities with some pain in my neck. C I am able to engage in most, but not all of my recreational activities because of pain in my neck. D I am able to engage in a few of my recreational activities because of pain in my neck. E I can hardly do any recreational activities because of pain in my neck. F I cannot do any recreational activities at all.</p>

COMMENTS: _____

NAME: _____ **DATE:** _____ **SCORE:** _____

SCORING TECHNIQUE FOR THE OSWESTRY LOW BACK DISABILITY QUESTIONNAIRE AND NECK DISABILITY INDEX

1. Each of the 10 sections is scored separately (0 to 5 points each) and then added up (max. total = 50).

EXAMPLE:

Section 1. Pain Intensity	Point Value
A. _____ I have no pain at the moment	0
B. _____ The pain is very mild at the moment	1
C. _____ The pain is moderate at the moment	2
D. _____ The pain is fairly severe at the moment	3
E. _____ The pain is very severe at the moment	4
F. _____ The pain is the worst imaginable	5

2. If all 10 sections are completed, simply double the patients score.

3. If a section is omitted, divide the patient's total score by the number of sections completed times 5.

FORMULA: $\frac{\text{PATIENT'S SCORE}}{\# \text{ OF SECTIONS COMPLETED X } 5} \times 100 = \text{ \% DISABILITY}$

EXAMPLE:

If 9 of 10 sections are completed, divide the patient's score by $9 \times 5 = 45$; if.....

Patient's Score: 22

Number of sections completed: 9 ($9 \times 5 = 45$)

$22/45 \times 100 = 48 \text{ \% disability}$

4. Interpretation of disability scores (from original article):

SCORE	INTERPRETATION OF THE OSWESTRY LBP DISABILITY QUESTIONNAIRE
0-20% Minimal Disability	Can cope w/ most ADL's. Usually no treatment needed, apart from advice on lifting, sitting, posture, physical fitness and diet. In this group, some patients have particular difficulty with sitting and this may be important if their occupation is sedentary (typist, driver, etc.)
20-40% Moderate Disability	This group experiences more pain and problems with sitting, lifting and standing. Travel and social life are more difficult and they may well be off work. Personal care, sexual activity and sleeping are not grossly affected, and the back condition can usually be managed by conservative means.
40-60% Severe Disability	Pain remains the main problem in this group of patients by travel, personal care, social life, sexual activity and sleep are also affected. These patients require detailed investigation.
60-80% Crippled	Back pain impinges on all aspects of these patients' lives both at home and at work. <i>Positive intervention is required.</i>
80-100%	These patients are either bed-bound or exaggerating their symptoms. This can be evaluated by careful observation of the patient during the medical examination.

Reference: Fairbanks CT, Couper C, Davies JB, O'Brien JP. The Oswestry low back pain disability questionnaire. *Physio Ther* 1980;66:271-273.

QUICK DASH

Patient Name: _____ Date of Birth: _____ Today's Date: _____

Please rate your ability to do the following activities in the last week by circling the number below the appropriate response.

	NO DIFFICULTY	MILD DIFFICULTY	MODERATE DIFFICULTY	SEVERELY DIFFICULTY	UNABLE TO DO
1. Open a tight or new jar.	1	2	3	4	5
2. Do heavy household chores (i.e., wash walls, floors).	1	2	3	4	5
3. Carry a shopping bag or briefcase.	1	2	3	4	5
4. Wash your back.	1	2	3	4	5
5. Use a knife to cut food.	1	2	3	4	5
6. Recreational activities in which you take some force or impact through your arm, shoulder or hand (i.e., golf, hammering, tennis etc.).	1	2	3	4	5

	NOT AT ALL	SLIGHTLY	MODERATELY	QUITE A BIT	EXTREMELY
7. During the past week, to what extent has your arm, shoulder or hand problem interfered with your normal social activities with family, friends, neighbors or groups?	1	2	3	4	5

	NOT LIMITED AT ALL	SLIGHTLY LIMITED	MODERATELY LIMITED	VERY LIMITED	UNABLE TO DO
8. During the past week, were you limited in your work or other regular daily activities as a result of your arm, shoulder or hand problem?	1	2	3	4	5

Please rate the severity of the following symptoms in the last week (circle number).

	NONE	MILD	MODERATE	SEVERE	EXTREME
9. Arm, shoulder or hand pain.	1	2	3	4	5
10. Tingling (pins and needles) in your arm, shoulder or hand.	1	2	3	4	5

	NO DIFFICULTY	MILD DIFFICULTY	MODERATE DIFFICULTY	SEVERE DIFFICULTY	SO MUCH IT PREVENTS SLEEP
11. During the past week, how much difficulty have you had sleeping because of the pain in your arm, shoulder or hand (circle one)?	1	2	3	4	5

Since the beginning of therapy my condition has improved:

During the past 24 hours, my maximum pain rating was:

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% 0 1 2 3 4 5 6 7 8 9 10

This section to be completed by your Physical Therapist/Provider
A Quick DASH score may not be calculated if there is greater than 1 missing item.

QUICK DASH DISABILITY SYMPTOM SCORE
(sum of n response) – 1 X 25
n

Name: _____

Date: _____ / _____ / _____
mm dd yy

Here are some of the things other patients have told us about their pain. For each statement please circle the number from 0 to 6 to indicate how much physical activities such as bending, lifting, walking or driving affect or would affect your back pain.

	Completely Disagree			Unsure			Completely Agree
1. My pain was caused by physical activity.	0	1	2	3	4	5	6
2. Physical activity makes my pain worse.	0	1	2	3	4	5	6
3. Physical activity might harm my back.	0	1	2	3	4	5	6
4. I should not do physical activities which (might) make my pain worse.	0	1	2	3	4	5	6
5. I cannot do physical activities which (might) make my pain worse.	0	1	2	3	4	5	6

The following statements are about how your normal work affects or would affect your back pain.

	Completely Disagree			Unsure			Completely Agree
6. My pain was caused by my work or by an accident at work.	0	1	2	3	4	5	6
7. My work aggravated my pain.	0	1	2	3	4	5	6
8. I have a claim for compensation for my pain.	0	1	2	3	4	5	6
9. My work is too heavy for me.	0	1	2	3	4	5	6
10. My work makes or would make my pain worse.	0	1	2	3	4	5	6
11. My work might harm by back.	0	1	2	3	4	5	6
12. I should not do my regular work with my present pain.	0	1	2	3	4	5	6
13. I cannot do my normal work with my present pain.	0	1	2	3	4	5	6
14. I cannot do my normal work until my pain is treated.	0	1	2	3	4	5	6
15. I do not think that I will be back to my normal work within 3 months.	0	1	2	3	4	5	6
16. I do not think that I will ever be able to go back to that work.	0	1	2	3	4	5	6