

Supplementary article data

Persistent pain is common 1–2 years after shoulder replacement

A nationwide registry-based questionnaire study of 538 patients

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Questionnaire

It is very important that you answer all of the questions that are relevant to you as best you can. Use a blue or black pen. If you are unable to answer, please write the reason in the box with the question.

All questions are related to the shoulder where you have your prosthesis, unless otherwise noted. Check the box next to the most accurate answer, as shown in this example:

Did you experience pain after the surgery?

Yes..... 1

No..... 2

Don't know..... 3

(Do not worry about the numbers by the boxes; they will be used later when the data is registered)

First, some questions about pain before and immediately after the surgery

<p>1. Date of completing this form: _____ / _____ / 2013</p>
<p>2. Did you experience any pain in your shoulder <u>before</u> the shoulder replacement surgery?</p> <p>Yes, for more than 6 months..... 1 <input type="checkbox"/></p> <p>Yes, for 1-6 months 2 <input type="checkbox"/></p> <p>Yes, for less than a month..... 3 <input type="checkbox"/></p> <p>No, no pain before the surgery..... 4 <input type="checkbox"/> <i>If your answer is no, please go to question 4</i></p>
<p>3. <u>On average</u>, how much pain did you experience <u>in the week before</u> the surgery?</p> <p>No pain 1 <input type="checkbox"/></p> <p>Mild pain 2 <input type="checkbox"/></p> <p>Moderate pain..... 3 <input type="checkbox"/></p> <p>Severe pain 4 <input type="checkbox"/></p>
<p>4. <u>On average</u>, how much pain did you experience <u>in the first week after</u> the surgery?</p> <p>No pain 1 <input type="checkbox"/></p> <p>Mild pain 2 <input type="checkbox"/></p> <p>Moderate pain 3 <input type="checkbox"/></p> <p>Severe pain 4 <input type="checkbox"/></p>
<p>5. For how long <u>after</u> the surgery did you experience pain?</p> <p>Less than 3 months 1 <input type="checkbox"/></p> <p>For 3-6 months 2 <input type="checkbox"/></p> <p>More than 6 months 3 <input type="checkbox"/></p> <p>I still experience pain 4 <input type="checkbox"/></p>

6. After the surgery, have you experienced problems with one or more of the following symptoms?

	Yes	No
Healing of the wound.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
Infection in the wound.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
Broken arm/shoulder.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
Phlebitis/embolism in the arm	1 <input type="checkbox"/>	2 <input type="checkbox"/>
Frozen shoulder.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
Other symptoms: _____		

7. Have you had additional surgery in your shoulder after you got your shoulder prosthesis?

Yes..... 1 What kind of surgery? _____
 Date: _____

No..... 2

All of the following questions concern how you feel now:

8. During the last month, have you experienced pain in the shoulder with the prosthesis?

Yes, constantly..... 1
 Yes, every day but not all the time..... 2
 Yes, but not every day 3
 No, no pain during the last month..... 4 *If no, please go to question 15*

9. On average, how much pain have you experienced in your shoulder in the last month? (*mark your answer by checking one of the boxes below*)

No pain	0	1	2	3	4	5	6	7	8	9	10	Worst pain imaginable
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

10. During the last month, how severe has the worst pain in your shoulder been? (*mark your answer by checking one of the boxes below*)

No pain	0	1	2	3	4	5	6	7	8	9	10	Worst pain imaginable
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

11. Overall, how much does the pain bother you in your everyday life?

Not at all..... 1
 A little..... 2
 Somewhat..... 3
 Much..... 4
 Very much..... 5

12. Compared to before the operation, how is your shoulder now regarding pain?

- Much better..... 1
- Better..... 2
- The same..... 3
- Worse..... 4
- A lot worse..... 5

13. Does the pain have one or more of the following characteristics?

- | | Yes | No |
|----------------------|----------------------------|----------------------------|
| Burning..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Painful cold..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Electric shocks..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

14. Is the pain associated with one or more of the following symptoms in the same area?

- | | Yes | No |
|-----------------------|----------------------------|----------------------------|
| Tingling..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Pins and needles..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Numbness..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Itching..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

15. Have you experienced reduced sensation when you touch the area with something soft (e.g. a piece of cotton)?

- Yes..... 1
- No..... 2

16. Have you experienced reduced sensation when you touch the area with something sharp/pointy? (e.g. a toothpick)?

- Yes..... 1
- No..... 2

17. In the painful area, can the pain be caused or increased by brushing with something soft?

- Yes..... 1
- No..... 2

18. Do you experience pain other places in your body besides your shoulder?

- No..... 1
 - Yes, mild pain 2
 - Yes, moderate pain 3
 - Yes, severe pain 4
- } If yes, where: _____

19. Do you take any pain medication on a daily basis? (mark your answer by checking one of the boxes below)

No..... 1

Yes, for pain in the shoulder..... 2

Yes, for pain elsewhere..... 3

Yes, for pain in the shoulder as well as elsewhere 4

} Name(s) of daily medication: _____

20. Do you take any pain medication, which you do not take on a daily basis? (mark your answer by checking one of the boxes below)

No 1

Yes, for pain in the shoulder..... 2

Yes, for pain elsewhere..... 3

Yes, for pain in the shoulder as well as elsewhere 4

} Name(s) of medication: _____

21. Do you use other forms of pain relieving treatments?

	No	Acupuncture	Physiotherapy	Chiropractor	Hot water pool
For pain in the shoulder?.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
For pain elsewhere?.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
For pain in both the shoulder and elsewhere?...	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

Other pain relieving treatments: _____

22. Please note your height and your weight

Height: _____ cm

Weight: _____ kg

23. Other comments?

24. May we contact you again by phone or e-mail if we need to follow up on your answers?

Yes..... 1

No..... 2

Phone: _____ E-mail: _____

Thank you very much!