



Universitätsmedizin Essen

Universitätsklinikum
Klinik für Neurochirurgie
und Wirbelsäulen Chirurgie

NB: Markings in red were added afterwards and indicate for which scales a mean score has been calculated.

Q1 -

General questions about the person and life situation

Dear patient,

below you will find some questions about yourself and your life situation. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation!

1. personal data

ID code (will be filled in by us)

Date

Age

Gender

- male diverse
 female

2. education

Highest school graduation:

- none
 Lower secondary school diploma
 Higher secondary school diploma
 Specialized high school diploma
 High school diploma

Do you have a completed apprenticeship?

- yes
 no

Do you have a university graduation?

- yes
 no

3. CURRENT living situation

I live:

- alone
 alone with children
 with my life partner
 with my life partner and children
 in a shared flat
 with my parents
 assisted

Marital status:

- single
 living in partnership
 married
 divorced
 widowed

4. physical data

Size (m)

Weight (kg)

Do you smoke? If yes, how much?

- Yes, _____ cigarettes/day
 No

5. health insurance

How are you covered by health insurance?

- statutory health insurance
 private health insurance
 without civil servant allowance
 with civil servant allowance

6. CURRENT professional situation

Occupation

Professional situation

- Full-time
 Part-time
 unemployed
 Housewife / Househusband
 Occupational disability pension
 Early retirement
 Pension

In shift work?

- yes
 no

6.1 If you are employed, are you currently on sick leave?

- Yes, since ____/____/____ (day/month/year)
 No

6.2 If you have not yet retired, have you applied for a pension?

- Yes
 No

6.3 Do you have a recognised degree of disability (e.g. by the pension office)?

- Yes If yes, what is the degree? _____%
Has an upgrade been applied for? Yes No
 No If no, have you submitted a request? Yes No

7. treatment of acromegaly

7.1 When were you diagnosed with acromegaly?

_____/_____ (year/month if known)

7.2 Have you had surgery on your GH-producing pituitary adenoma due to acromegaly?

- Yes No

7.3 If yes, how often and when?

1st OP When?: ____/____ (year/month if known)

2nd OP When?: ____/____ (year/month if known)

3rd OP When?: ____/____ (year/month if known)

7.4 Have you ever received radiotherapy to the head?

- Yes No If yes, when? **from:** ____/____ (year/month if known)
until: ____/____ (year/month if known)

8. costs of medication

If you are currently taking medication, how high are the costs that you have to pay yourself through co-payments?

about _____ Euro/year.

I don't know.

9. general conditions of the treatment centre

How far is the centre treating your acromegaly from your home?

about _____ km

What are the approximate costs you incur for transport to the treating centre?

about _____ € per appointment

10. household income

How many people in total live in your household?

_____ people

What is your monthly net household income?

under 1000 € 1000 € to under 2000 € 2000 € to under 3000 €

3000 € to under 5000 € more than under 5000 € I don't know.



Universitätsmedizin Essen

Universitätsklinikum

Klinik für Neurochirurgie
und Wirbelsäulenchirurgie

Q2 - Questionnaire on current disease status

Dear patient,

the following questions relate to your current acromegaly symptoms and your IGF-1 levels. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation!

1. current symptoms

1.1 How much do you CURRENTLY suffer from the following symptoms?

	not at all	slightly	moderate	severe	very severe
Nausea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diabetes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High blood pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carpal tunnel syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited concentration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Memory difficulties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daytime sleepiness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased sweating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Language change (sluggish language)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enlargement of hands/feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coarsening of the facial features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Widening of the interdental spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased organ size (heart)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual disturbances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Joint pain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Headache	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swellings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For women:

	not at all	slightly	moderate	severe	very severe
Menstrual disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Libido loss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For men

Libido loss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potency disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Subjective symptomload

1.2 Do you currently have pain that you assume to be caused by acromegaly?

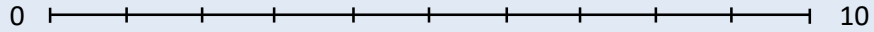
Yes No

1.3 On how many days per month do you have pain on average?

about _____ days / month

1.4 How severe is your pain on average?

Please mark the perceived pain intensity between 0 and 10 on the following scale:



2. IGF-1 values

2.1 How often is your IGF-1 level determined via a blood draw?

about every _____ months

2.2 When was the last time your IGF-1 level was determined via a blood sample?

_____ / _____ (year/month if known)

2.3 What was your IGF-1 value at the last measurement? (if known)

too high

normal

too low

Exact value (if known): _____



Universitätsmedizin Essen

Universitätsklinikum

Klinik für Neurochirurgie
und Wirbelsäulenchirurgie

Q3 - Questionnaire on treatment adherence in acromegaly

Dear patient,

the following questions relate to the aftercare or drug therapy of your acromegaly disease. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation!

1. Aftercare

1.1 How often do you go for endocrinological or neurosurgical follow-up?

- At least once a year, namely about _____ times/year.
- Less than once a year, namely about every _____ years.
- Not at all.

1.2 If you attend follow-up less than once a year, please give a reason (multiple answers possible):

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I don't feel that it would be necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have too little time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't feel like it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't like going to the doctor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am afraid that I could be told that my illness has worsened.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The effort of time and / or cost is too high for me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other:

2. Medication

2.1 Have you EVER taken any of the following medication to treat acromegaly?

	Yes	No
Somatostatin analogues (e.g. lanreotide, octreotide, pasireotide)	<input type="checkbox"/>	<input type="checkbox"/>
Dopamine agonists (e.g. cabergoline, bromocriptine)	<input type="checkbox"/>	<input type="checkbox"/>
GH receptor antagonists (pegvisomant)	<input type="checkbox"/>	<input type="checkbox"/>

Other:

2.2 Have you been prescribed any medication to treat acromegaly that you should ACTUALLY take?

	Yes	No
Somatostatin analogues (e.g. lanreotide, octreotide, pasireotide)	<input type="checkbox"/>	<input type="checkbox"/>
Dopamine agonists (e.g. cabergoline, bromocriptine)	<input type="checkbox"/>	<input type="checkbox"/>
GH receptor antagonists (pegvisomant)	<input type="checkbox"/>	<input type="checkbox"/>

Other:

**2.3 Do you take the medication prescribed for you?
Please only give details here for the medication that have CURRENTLY been prescribed for you (see question 2.2)!**

	Yes	No
Somatostatin analogues (e.g. lanreotide, octreotide, pasireotide)	<input type="checkbox"/>	<input type="checkbox"/>
Dopamine agonists (e.g. cabergoline, bromocriptine)	<input type="checkbox"/>	<input type="checkbox"/>
GH receptor antagonists (pegvisomant)	<input type="checkbox"/>	<input type="checkbox"/>

Other:

**2.4 What is your motivation for taking the medication prescribed to you?
(multiple answers possible)**

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I take them because my doctor advises me to.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I take them because my physical performance has improved as a result.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I take them because my cognitive performance has improved as a result.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I take them because as a result I have less pain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other:

2.5 Do you know the reason for the intake of your medication?

- Yes
- No

2.6 Do you know in what dosage you need to take of your medication?

Yes

No

2.7 Do you know how often you need to take your medication?

Yes

No

2.8 Do you always take your medication at the same time?

(Please tick only one answer)

never rarely often always

2.9 Have you forgotten to take your medication in the last 4 weeks?

(Please tick only one answer)

never rarely often always

2.10 Do you sometimes forget your medication at home when you are out?

(Please tick only one answer)

never rarely often always

2.11 How important is it for you to take your medication regularly?

(Please tick only one answer)

very important rather important rather unimportant unimportant

2.12 Do you sometimes intentionally skip taking a medication?

(Please tick only one answer)

never rarely often always

2.13 Do you sometimes reduce the dosage of your medication?

(Please tick only one answer)

never rarely often always

Adherence score

2.14 If you occasionally skip taking your medication or reduce the dosage, please state the reasons.



Universitätsmedizin Essen

Universitätsklinikum

Klinik für Neurochirurgie
und Wirbelsäulenchirurgie

Q4 - Questionnaire on other diseases and complaints

Dear patient,

the following questions are about diseases that may coexist with your acromegaly disease. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation!

1. Are there any other diseases or physical complaints in addition to acromegaly?

Yes No (*continue with the next questionnaire*)

If yes, what secondary disease(s) and their effects do you have?

2. Is there a change in the sugar metabolism? Yes No (*continue with question 3*)

2.1 If yes, is there an insulin requirement? Yes No

2.2 If **not** insulin dependent, are you taking any other antidiabetic medication? Yes No

3. Do you have any of the following vascular or cardiac diseases? (*Multiple answers possible*)

High blood pressure Heart failure Heart valve defect

Cardiac arrhythmia

Other:

4. Do you have a lung or respiratory disease?

Yes No (*continue with question 5*)

4.1 If yes, have you been diagnosed with sleep apnoea syndrome? Yes No

4.2 If yes, do you use a CPAP machine regularly? Yes No

4.3 What other disease(s) of the lungs or respiratory tract do you have?

5. Do you have any musculoskeletal disorders (muscles, bones, tendons, ligaments, joints)?

Yes No (*continue with question 6*)

5.1 If yes, which disease(s) / complaints do you have?

6. Do you currently have or have you had a malignant disease (cancer) in the past?

Yes No (*continue with question 7*)

6.1 Is the disease current or was it in the past?

current The disease is no longer current, I am in remission.

6.2 When was the diagnosis made?

_____ / _____ (year/month if known)

6.3 Which malignant disease do you have?

7. Do you have a limitation of the field of vision?

Yes No

8. Do you regularly suffer from headaches?

Yes No (*continue with question 9*)

8.1 If yes, how many headache days do you have on average per month?

about _____ days / month

9. What medication do you take for your present symptoms (excluding medication you are taking as part of the acromegaly treatment)?

Medication	Dosage	Since when (month/ year)



Q5 - Questionnaire about the therapy of acromegaly

Dear Patient,

the following questions deal with the therapy of acromegaly and the perceived effects of the therapy on your physical and mental condition. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation.

1. How long have you been under medical treatment for your acromegaly disease?

_____ / _____ (year/month if known)

2. Did you interrupt the therapy at any time?

Yes No (*continue with question 3*)

2.1 If yes, how long did you interrupt the therapy?

1 year or shorter 1-5 years longer than 5 years

2.2 If yes, what was the reason for the therapy interruption?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
Lack of motivation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dissatisfaction with the physician	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organisational problem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improvement of health condition, so that the therapy was not felt to be necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deterioration of health so that it was not possible to attend appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dissatisfaction with the success of the therapy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other:

3. Overall, how successful do you experience your therapy?

very successful	successful	moderate	of little success	not successful at all
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Has your physical or mental (psychological) condition changed since you started therapy?

	much better	better	unchanged	worsened	strongly worsened
My physical condition since I started therapy has been ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My mental (psychological) condition since I started therapy has been ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. What specific changes have you noticed since you started therapy?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I can accept the physical changes caused by acromegaly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am more open about my disease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I can manage my everyday life better again.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I understand the disease and the changes it brings or has brought.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Perceived beneficial effects

I feel stressed by the doctor's appointments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Therapy takes up a lot of space in my everyday life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am burdened by taking the medication every day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I suffer from the side effects of the medication.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Perceived adverse effects

Other:



Universitätsmedizin Essen

Universitätsklinikum

Klinik für Neurochirurgie
und Wirbelsäulenchirurgie

Q6 - Questionnaire on doctor-patient communication

Dear patient,

the following questions are about the communication between you and your doctor in the context of treating your acromegaly. When answering the questions, please refer to the doctor you talk to most about your acromegaly. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation.

1. How well were you informed by your doctor about the following aspects related to your acromegaly disease?

	very good	good	moderate	bad	very bad
Development of the disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Course of the disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Necessity of regular follow-up examinations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Possible effects on everyday life	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reasons for taking medication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Possibilities to obtain further reliable information (literature, information brochures etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Opportunities to participate in self-help groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Side effects of the medication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Therapy options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Education on acromegaly

2. How would you assess the information and how it is communicated to you by your doctor?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I have the feeling that my doctor takes enough time for me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I always feel I can ask questions if I don't understand something.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The amount of information is just right to understand everything.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
After the diagnosis, I was emotionally stable enough to understand the information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Quality of information provision

	fully agree	rather agree	neither nor	rather not agree	not agree at all
The information is explained in simple, easy-to-understand terms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My doctor asks if I am getting enough information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have the feeling that my doctor assumes that I already have enough information and therefore explains too little.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have understood the information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I feel sufficiently informed by the information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My doctor uses specialist terminology to an appropriate and understandable extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Quality of information provision

3. How did you obtain further information outside the conversation with your doctor?

Internet Networking with other affected people No further information obtained at all

Information brochure (Text)books

Other:

4. How long does it usually take to talk to your doctor at a routine appointment?

less than 5 minutes between 5 and 10 minutes

between 10 and 20 minutes more than 20 minutes

4.1 Do you feel that this duration is appropriate?

far too long a little too long just right a little too short far too short

5. How well did your doctor discuss the following aspects of a potentially expected therapy success with you before starting the therapy?

	very good	good	moderate	bad	very bad
Improvement of hormone levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improvement of physical complaints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduction of psychological complaints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduction of restrictions in everyday life	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6) How well does your doctor discuss the actual course of therapy with you during the therapy?

very good	good	moderate	bad	very bad
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. How well did your doctor explain to you that you will need permanent follow-up care (follow-up appointments and, if necessary, medication) after the therapy has taken place?

very good	good	moderate	bad	very bad
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. How well did your doctor explain to you the reasons why it is so important that you follow the recommendations for treatment that have been agreed upon (attend follow-up appointments, take medication according to plan)?

very good	good	moderate	bad	very bad
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. How well does your doctor deal with possible difficulties in implementing the treatment recommendations (follow-up appointments and taking medication)?

very good	good	moderate	bad	very bad
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Universitätsmedizin Essen

Universitätsklinikum

Klinik für Neurochirurgie
und Wirbelsäulenchirurgie

Q7 - Questionnaire on the perceived therapy needs

Dear patient,

the following questions deal with the personal assessment of your need for therapy as well as your expectations and wishes with regard to therapy. Please answer all questions completely and do not omit any questions.

Thank you very much for your participation.

1. What is your own estimation of the need for medical therapy in regard to your acromegaly disease?

- no need
 low demand
 average demand
 high demand
 very high demand

1.1 Please give reasons for your assessment.

	fully agree	rather agree	neither nor	rather not agree	not agree at all
My physical condition is good at the moment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My mental state is good at the moment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Others are worse off than me and need treatment more urgently.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The therapy doesn't bring any change anyway, so I might as well not do it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other:

2a. What are your expectations of the medical treatment of your acromegaly disease?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I expect the treatment to improve my performance in everyday life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I expect the treatment to alleviate my physical discomfort.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I expect the treatment to improve my psychological well-being.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I expect a quick success of the therapy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I expect that the medication will prevent the need for pituitary surgery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I expect to have to take less medication in the future as a result of the treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Positive treatment expectations

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I expect to have fewer doctor's appointments in the future as a result of the treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Positive treatment expectations

Other expectations:

2b. What wishes do you have for the medical treatment of your acromegaly disease?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I want to be treated by an expert.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I want to have a constant doctor to refer to and not be treated by constantly changing doctors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like to be fully informed about the treatment and treatment options.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I want to be involved in the decision about the therapy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like the doctor to have enough time and patience to answer my questions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other wishes:

2c. What concerns do you have about the medical treatment of your acromegaly disease?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I am worried that the treatment will not work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am worried that the treatment will not bring the improvement I hope for.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am worried that the treatment will make my symptoms and limitations worse.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am worried that I will get unpleasant side effects from the medication.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am worried that the treatment will take up a lot of time and determine my everyday life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Negative treatment expectations

Other concerns:

3. How do you currently rate the extent of your acromegaly disease?

	fully agree	rather agree	neither nor	rather not agree	not agree at all
I have a serious illness.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I attribute my physical impairments to my acromegaly disease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I attribute my mental impairments to my acromegaly disease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My acromegaly disease causes clearly noticeable symptoms for me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My acromegaly disease is a big burden for me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>