**Additional file 7. Comparison achievement of goals stated in open question and P-BAS-P scores**

**Adaptation of the Patient Benefit Assessment Scale for Hospitalised Older Patients: development, reliability and validity of the P-BAS Picture version**

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**Additional file 7. Comparison achievement of goals stated in open question and P-BAS-P scores**

Table 1. Achievement of goals and P-BAS-P answers congruent

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Goal formulated by participant in open question | Achievement | Corresponding  item P-BAS-P | | Baseline status | Follow-up status | Score |
| That I’ll be a bit fitter again and be able to do my daily activities, like housekeeping and going to the store.\* | somewhat | better | improvement | mediocre | satisfactory | 0 |
| That I will have more energy due to the new wires in my ICD. | not at all | energy | improvement | bad | bad | -1 |
| That I will have less shortness of breath and fatigue when I am going home soon.\* | somewhat | energy | improvement | very bad | mediocre | 1 |
| That my shortness of breath and fatigue will be better.\* | somewhat | energy | improvement | bad | satisfactory | 1 |
| That I will have my energy back. | quite | energy | improvement | bad | satisfactory | 1 |
| That the chest pain will resolve.\* | completely | pain | improvement | bad | good | 2 |
| That I’ll get rid of the pain (heart attack). | somewhat | pain | improvement | bad | mediocre | 0 |
| That I’ll get rid of the chest pain. | completely | pain | improvement | bad | very good | 3 |
| That I will have less shortness of breath and fatigue when I am going home soon.\* | somewhat | shortness of breath | improvement | bad | satisfactory | 1 |
| Curing of a pulmonary embolism so that I have more breath.\* | quite | shortness of breath | improvement | bad | good | 2 |
| To be able to take a walk. | completely | walking | preservation | satisfactory | satisfactory | 0 |
| To be able to walk 5 to 6 kilometres. | not at all | walking | improvement | mediocre | mediocre | -1 |
| To be able to walk adequately again, a bit more distances. | quite | walking | improvement | very bad | good | 3 |
| Clearness about the situation. | completely | knowing what is wrong | | mediocre | satisfactory | 0 |
| That I will get rid of retained fluids again. | completely | disease | controlling | mediocre | good | 2 |
| That I will get rid of the tumour in the colon. | completely | disease | curing | mediocre | very good | 2 |
| That the leakage of my aortic valve will be resolved. | completely | disease | curing | mediocre | good | 1 |
| That my heart functions normally again. | completely | disease | curing | mediocre | good | 1 |
| That the liver disease will be restored. | completely | disease | curing | bad | very good | 3 |
| Curing of a pulmonary embolism so that I have more breath.\* | quite | disease | curing | mediocre | good | 1 |
| That the cancer will be removed at once and that I don’t need chemotherapy or radiation. | quite | disease | curing | mediocre | good | 1 |
| To solve the problem in the lungs. | completely | disease | controlling | very bad | satisfactory | 3 |

Table 1 (continued). Achievement of goals and P-BAS-P answers congruent

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Goal formulated by participant in open question | Achievement | Corresponding  item P-BAS-P | | Baseline status | Follow-up status | Score |
| To resolve the fungus in the mouth. | completely | disease | controlling | very bad | satisfactory | 3 |
| Recover from the complaints/injuries caused by the fall with the bicycle. | quite | disease | curing | mediocre | satisfactory | 0 |
| Staying alive for a couple of years. | completely | alive | | | | 0 |
| That my husband and I will be together for a very long time. | quite | alive | | | | 0 |
| To prolong my life for a couple of years. | completely | alive | | | | 0 |
| Growing old together with Pete, live to be 88. | completely | alive | | | | 0 |
| Remaining alive. | completely | alive | | | | 0 |
| Enjoying nature. | not at all | enjoy | improvement | mediocre | mediocre | -1 |
| That I’ll be a bit fitter again and be able to do my daily activities, like housekeeping and going to the store.\* | somewhat | groceries | improvement | bad | mediocre | 0 |
| I would like to do the groceries myself. | completely | groceries | preservation | good | good | 0 |
| Keep on gardening, cycling, walking. | completely | gardening | improvement | mediocre | good | 1 |
| To be able to play table tennis. | completely | sports | preservation | good | very good | 1 |
| To be able to fish. | completely | hobbies | preservation | good | very good | 1 |
| Doing repairs in the house. | quite | hobbies | improvement | satisfactory | good | 0 |
| That I will be able to do my daily activities after the surgery. Such as handicrafts, joining diverse activities in the senior home. | completely | hobbies | preservation | satisfactory | very good | 2 |
| Going to the model car club | not at all | hobbies | improvement | mediocre | mediocre | -1 |
| To be able to exercise my hobby completely, old music/ sit down at my computer | completely | hobbies | improvement | mediocre | good | 1 |
| Set the table, cooking, reading a book (daily activities).\* | completely | hobbies | improvement | very bad | good | 3 |
| I want to be able to walk in the forest again. | completely | outings | preservation | good | good | 0 |
| Visiting the grandchildren. | completely | visit | preservation | good | good | 0 |
| Going back to the senior home | completely | home | preservation | good | good | 0 |
| Set the table, cooking, reading a book (daily activities).\* | completely | Independence | improvement | very bad | good | 3 |

\* Some goals correspond with two P-BAS-P items

Table 2. Achievement of goals and P-BAS-P answers contrary

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Goal formulated by participant in open question | Achievement | Corresponding  item P-BAS -P | | Baseline status | Follow-up status | Score | Explanation |
| Better condition to be able to walk and to climb the stairs.\* | somewhat | energy | improvement | satisfactory | mediocre | -2 | According to answer on open question, the goal was ‘somewhat’ reached, but according to the P-BAS-P the energy level deteriorated. |
| To be able to have a short walk through the village again. | quite | walking | improvement | mediocre | mediocre | -1 | According to answer on open question, the goal was ‘quite’ reached, but then the answer ‘mediocre’ on the P-BAS-P is a bit too negative. |
| Having clarity about my health situation. | quite | knowing what is wrong | | good | good | -1 | The clarity was already 'good' on baseline, so there was hardly room for improvement. Was the P-BAS-P baseline answer correct? |
| I would like that my new valve will function well. | completely | disease | curing | bad | bad | -1 | When a new valve functions ‘completely’, ‘bad' is not a logical answer on the P-BAS-P. |
| Getting better, that the surgery causes that it will be alright again. | quite | disease | curing | very good | good | -2 | The disease/condition was already 'very good' on baseline, so there was no room for improvement and it was questionable why the participant needed surgery. Was the P-BAS-P baseline answer correct? |
| That there will be no gallstones anymore that can cause pancreatitis. | completely | disease | curing | very good | very good | -1 | The disease/condition was already 'very good' on baseline, so there was no room for improvement and it was questionable why the participant needed surgery. Was the P-BAS-P baseline answer correct? |
| That I will get rid of my rhythm disturbance. | quite | disease | curing | good | good | -1 | The disease/condition was already ‘good' on baseline, so there was hardly room for improvement and it was questionable why the participant needed a cure. Was the P-BAS-P baseline answer correct? |
| That I’m able to sport a bit more. | not at all | sports | improvement | bad | good | 2 | According to answer on open question, the goal was ‘not at all’ reached, but according to the P-BAS-P sports is ‘good’. |

Table 2 (continued). Achievement of goals and P-BAS-P answers contrary

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Reading, watching television. | quite | hobbies | improvement | bad | bad | -1 | According to answer on open question, the goal was ‘quite’ reached, but according to the P-BAS-P, it still goes ‘bad’ with the hobbies. Is the participant meaning the same hobbies? |
| To be able to go back to my senior home. | completely | home | preservation | good | very bad | -4 | Answers seem to be completely contrary. The participant was at the follow-up moment in a temporary nursing home and not in her own senior home, so the P-BAS-P answer ‘very bad’ appears to be logical. The participant explained when giving the answer ‘completely’ to the open question: 'I reached the goal, however, due to a second pneumonia, I am elsewhere now.’ |

\* Some goals correspond with two P-BAS-P items

Table 3. Achievement of goals and P-BAS-P answers half congruent, or dubious cases.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Goal formulated by participant in open question | Achievement | Corresponding  item P-BAS P | | Baseline status | Follow-up status | Score | Explanation |
| That I will have more energy | somewhat | energy | improvement | bad | good | 2 | Improvement on P-BAS-P is larger than expected with ‘somewhat’ on the open question. |
| That my shortness of breath and fatigue will be better.\* | somewhat | Shortness of breath | improvement | bad | good | 2 | Improvement on P-BAS-P is larger than expected with ‘somewhat’ on the open question. |
| Better condition to be able to walk and to climb the stairs.\* | somewhat | walking | improvement | satisfactory | good | 0 | The answer 'good' given on P-BAS-P FU, does not correspond with ‘somewhat’ on the open question. |
| To be able to walk for half an hour. | somewhat | walking | improvement | mediocre | good | 1 | Improvement on P-BAS-P is larger than expected with ‘somewhat’ on the open question. Could there be recalibration, and is walking shorter than half an hour good? |

Table 3 (continued). Achievement of goals and P-BAS-P answers half congruent, or dubious cases.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Having clarity about the cause of the pain and the shortness of breath. | somewhat | knowing what is wrong | | mediocre | good | 1 | The answer ‘somewhat' is a bit too negative for a person stating the clearness is 'good' on follow-up. |
| That the chest pain will resolve.\* | completely | disease | curing | mediocre | satisfactory | 0 | If the chest pain is ‘completely’ resolved, one would expect the answer 'good' instead of ‘satisfactory’ on the P-BAS. |
| Removing spot on the liver. | completely | disease | controlling | satisfactory | satisfactory | 0 | ‘Satisfactory’ might be too optimistic on baseline, however, it is a subjective scale, so it could be possible. |

\* Some goals correspond with two P-BAS-P items