Table S1. CIRS score.

| Organ system | Severity |
| :---: | :--- |
| 1. Cardiac | $0-1-2-3-4$ |
| 2. Vascular | $0-1-2-3-4$ |
| 3. Haematological | $0-1-2-3-4$ |
| 4. Respiratory | $0-1-2-3-4$ |
| 5. Ophthalmological and ORL | $0-1-2-3-4$ |
| 6. Upper gastrointestinal | $0-1-2-3-4$ |
| 7. Lower gastrointestinal | $0-1-2-3-4$ |
| 8. Hepatic and pancreatic | $0-1-2-3-4$ |
| 9. Renal | $0-1-2-3-4$ |
| 10. Genito-urinary | $0-1-2-3-4$ |
| 11. Musculoskeletal and cutaneous | $0-1-2-3-4$ |
| 12. Neurological | $0-1-2-3-4$ |
| 13. Endocrine, metabolic, mammary |  |
| 14. Psychiatric | $0-1-2-3-4$ |
| 2. |  |

Score depending on the severity of the organ/system affected: 0 - Absence of disease, 1 - mild, 2 - moderate, 3 severe, 4 - very severe

Table S2. QLQ-C30 scores.

| Variable | Parameter | Basal (T0) | Intermediate (T1) | Final (T2) | Change from T0 to T1 | Change from T0 to T2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| QLQ-C30 functional scales |  |  |  |  |  |  |
| Physical | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | $\begin{array}{r} 93.33(80.00- \\ 100.00) \end{array}$ | 86.67 (73.33-93.33) | 80.00 (66.67-86.67) | 0.00 (-6.67 to 6.67) | -6.67(-20.00 to 0.00) |
|  | $p$ value |  |  |  | 0.3625 | 0.0723 |
| Role | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | $\begin{array}{r} 83.33 \text { (66.67- } \\ 100.00) \end{array}$ | 83.33 (66.67-100.00) | $\begin{array}{r} 83.33 \text { (66.67- } \\ 100.00) \end{array}$ | 0.00 (-8.33 to 0.00) | 0.00 (-29.16 to 0.00) |
|  | $p$ value |  |  |  | 0.9786 | 0.4612 |
| Emotional | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 83.33 (75.00-91.67) | 83.33 (75.00-91.67) | 79.17 (66.67-91.67) | 0.00 (-8.33 to 12.50) | 0.00 (-8.34 to 16.67) |
|  | $p$ value |  |  |  | 0.3041 | 0.8751 |
| Cognitive | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | $\begin{array}{r} 100.00(83.33- \\ 100.00) \end{array}$ | $\begin{array}{r} 100.00(83.33- \\ 100.00) \end{array}$ | $\begin{array}{r} 100.00(79.17- \\ 100.00) \end{array}$ | 0.00 (-8.33 to 0.00) | 0.00 (-29.16 to 0.00) |
|  | $p$ value |  |  |  | 0.1556 | 0.0885 |
| Social | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | $\begin{array}{r} 100.00(66.67- \\ 100.00) \end{array}$ | $\begin{array}{r} 100.00(66.67- \\ 100.00) \end{array}$ | $\begin{array}{r} 83.33 \text { (66.67- } \\ 100.00) \end{array}$ | 0.00 (0.00-0.00) | 0.00 (-29.16 to 0.00) |
|  | $p$ value |  |  |  | 0.8190 | 0.4220 |
| QLQ-C30 symptoms |  |  |  |  |  |  |
| Fatigue | N | 53 | 53 | 20 |  |  |
|  | Median (IQR) | 33.33 (22.22-44.44) | 33.33 (11.11-33.33) | 33.33 (33.33-36.11) |  |  |


|  | $p$ value |  |  |  | $\begin{array}{r} -11.11(-16.67 \text { to } \\ 11.11) \end{array}$ | $\begin{array}{r} 11.11(-16.66 \text { to } \\ 30.55) \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 0.2920 | 0.1920 |
| Nausea and vomiting | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-16.67) | 0.00 (0.00-0.00) | 0.00 (0.00-16.67) |
|  | $p$ value |  |  |  | 0.5084 | 0.0193 |
| Pain | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-16.67) | 0.00 (0.00-16.67) | 16.67 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-29.16) |
|  | $p$ value |  |  |  | 0.9684 | 0.1696 |
| Dyspnoea | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) | 0.00 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) |
|  | $p$ value |  |  |  | 0.8387 | 0.1013 |
| Insomnia | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-33.33) | 0.00 (0.00-33.33) | 33.33 (0.00-33.33) | 0.00 (-33.33 to 0.00) | 0.00 (-33.33 to 24.99) |
|  | $p$ value |  |  |  | 0.1130 | 0.6256 |
| Appetite Loss | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) |
|  | $p$ value |  |  |  | 0.6250 | 0.0339 |
| Constipation | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 16.67 (0.00-66.67) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) |
|  | $p$ value |  |  |  | 1 | 0.0101 |
| Diarrhea | N | 53 | 53 | 20 | 53 | 20 |
|  |  | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |  |  |


|  | Median (IQR) |  |  |  | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $p$ value |  |  |  | 0.4004 | 0.6105 |
| Financial Difficulties | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |
|  | $p$ value |  |  |  | 0.4560 | 0.5247 |
| QLQ-C30 Global Health Status | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | $\begin{array}{r} 133.33(116.67- \\ 150.00) \end{array}$ | $\begin{array}{r} 133.33 \text { (133.33- } \\ 166.67) \end{array}$ | $\begin{array}{r} 133.33(100.00- \\ 166.67) \end{array}$ | 0.00 (0.00-16.67) | 0.00 (-16.67 to 12.50) |
|  | $p$ value |  |  |  | 0.1888 | 0.6085 |
| QLQ-C30 Final scoring | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 88.80 (81.24-94.87) | 89.74 (82.31-94.36) | 80.77 (73.33-86.64) | 1.28 (-3.03 to 4.42) | $\begin{array}{r} -11.28(-19.69 \text { to }- \\ 0.85) \end{array}$ |
|  | $p$ value |  |  |  | 0.8944 |  |
|  |  |  |  |  |  | 0.0089 |

The number of non missing observations and the median value (IQR) of each variable distribution are reported at each time point. Change distributions have been estimated using data from patients characterized by non missing observations for the two time points and are described by sample size, median value (IQR). p -values derive from the the Wilcoxon test for paired samples.

## Table S3. BR23 scores.

| Variable | Parameter | Basal (T0) | Intermediate (T1) | Final (T2) | Change from T0 to T1 | Change from T0 to T2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR23 Symptoms scales |  |  |  |  |  |  |
| Systemic therapy side effects | N | 51 | 53 | 20 | 51 | 20 |
|  | Median (IQR) | 4.76 (0.00-19.05) | 14.29 (9.52-19.05) | 16.67 (9.52-25.00) | 4.76 (0.00-9.52) | 7.14 (1.19-19.05) |
|  | $p$ value |  |  |  | 0.0138 | 0.0018 |
| Upset by hair loss | N | 53 | 52 | 20 | 52 | 20 |
|  | Median (IQR) | 0.00 (0.00-0.00) | 0.00 (0.00-33.33) | 0.00 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |
|  | $p$ value |  |  |  | 0.5166 | 0.2278 |
| Arm symptoms | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-11.11) | 0.00 (0.00-11.11) | 16.67 (0.00-22.22) | 0.00 (0.00-5.55) | 0.00 (0.00-19.44) |
|  | $p$ value |  |  |  | 0.1912 | 0.014 |
| Breast symptoms | N | 53 | 53 | 20 | 53 | 20 |
|  | Median (IQR) | 0.00 (0.00-8.33) | 0.00 (0.00-8.33) | 4.17 (0.00-8.33) | 0.00 (0.00-0.00) | 0.00 (0.00-8.33) |
|  | $p$ value |  |  |  | 0.8709 | 0.1648 |
| BR23 Functional scales |  |  |  |  |  |  |
| Body image | N | 52 | 53 | 20 | 52 | 20 |
|  | Median (IQR) | 100.00 (66.67-100.00) | 91.67 (75.00-100.00) | 79.17 (58.34-100.00) | 0.00 (0.00-8.33) | 0.00 (-22.91 to 14.58) |
|  | $p$ value |  |  |  | 1 | 0.1240 |
| Future perspective | N | 53 | 52 | 19 | 52 | 19 |
|  | Median (IQR) | 66.67 (33.33-66.67) | 66.67 (33.33-75.00) | 66.67 (33.33-66.67) | 0.00 (-33.33 to 33.33) | 0.00 (-33.33 to 33.33) |


|  | $p$ value |  |  |  | 0.9681 | 0.4813 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sexual functioning | N | 53 | 53 | 18 | 53 | 18 |
|  | Median (IQR) | 0.00 (0.00-33.33) | 0.00 (0.00-16.67) | 0.00 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |
|  | $p$ value |  |  |  | 0.2227 | 0.8986 |
| Sexual enjoyment | N | 53 | 53 | 18 | 53 | 18 |
|  | Median (IQR) | 0.00 (0.00-33.33) | 0.00 (0.00-0.00) | 0.00 (0.00-25.00) | 0.00 (0.00-0.00) | 0.00 (0.00-0.00) |
|  | $p$ value |  |  |  | 0.1445 | 0.7358 |

The number of non missing observations and the median value (IQR) of each variable distribution are reported at each time point. Change distributions have been estimated using data from patients characterized by non missing observations for the two time points and are described by sample size, median value (IQR). p -values derive from the the Wilcoxon test for paired samples.

Table S4. Frequency of important differences between basal (TO) and intermediate (T1) in QLQ-C30 scores by comorbidity and polypharmacy conditions.

|  |  |  | CIRS |  |  | DRUGS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Variable | Parameter | TOTAL | $\geq 5$ | < 5 | $p$ value | $\geq 2$ | $<2$ | $p$ value |
| QLQ-C30 functional scales |  |  |  |  |  |  |  |  |
| Physical functioning | Improved ( $x \geq+5$ ) | 16 (30.18\%) | 9 (33.33\%) | 7 (26.92\%) | 0.7664 | 10 (37.04\%) | 6 (23.07\%) | 0.3718 |
|  | Stable ( $-5<x<+5$ ) | 14 (26.42\%) | 4 (14.82\%) | 10 (38.46\%) | n.t. | 5 (18.52\%) | 9 (34.62\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 23 (43.40\%) | 14 (51.85\%) | 9 (34.62\%) | 0.2709 | 12 (44.44\%) | 11 (42.31\%) | 1 |
| Role functioning | Improved ( $x \geq+5$ ) | 12 (22.64\%) | 7 (25.93\%) | 5 (19.23\%) | 0.7445 | 6 (22.22\%) | 6 (23.07\%) | 1 |
|  | Stable ( $-5<x<+5$ ) | 28 (52.83\%) | 12 (44.44\%) | 16 (61.54\%) | n.t. | 12 (44.44\%) | 16 (61.54\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 13 (24.53\%) | 8 (29.63\%) | 5 (19.23\%) | 0.5256 | 9 (33.34\%) | 4 (15.39\%) | 0.1212 |
| Emotional functioning | Improved ( $x \geq+5$ ) | 26 (49.06\%) | 14 (51.85\%) | 12 (46.15\%) | 0.7857 | 14 (51.85\%) | 12 (46.15\%) | 0.7857 |
|  | Stable ( $-5<x<+5$ ) | 12 (22.64\%) | 6 (22.32\%) | 6 (23.08\%) | n.t. | 7 (25.93\%) | 5 (19.23\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 15 (28.30\%) | 7 (25.93\%) | 8 (30.77\%) | 0.7664 | 6 (22.22\%) | 9 (34.62\%) | 0.3718 |
| Cognitive functioning | Improved ( $x \geq+5$ ) | 3 (5.66\%) | 2 (7.41\%) | 1 (3.85\%) | 1 | 2 (7.41\%) | 1 (3.85\%) | 1 |
|  | Stable ( $-5<x<+5$ ) | 37 (69.81\%) | 18 (66.66\%) | 19 (73.07\%) | n.t. | 16 (59.26\%) | 21 (80.77\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 13 (24.53\%) | 7 (25.93\%) | 6 (23.08\%) | 1 | 9 (33.33\%) | 4 (15.38\%) | 0.2021 |
| Social functioning | Improved ( $x \geq+5$ ) | 12 (22.64\%) | 9 (33.33\%) | 3 (11.54\%) | 0.0993 | 7 (25.93\%) | 5 (19.23\%) | 0.7445 |
|  | Stable ( $-5<x<+5$ ) | 31 (58.49\%) | 12 (44.44\%) | 19 (73.07\%) | n.t. | 15 (55.55\%) | 16 (61.54\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 10 (18.87\%) | 6 (22.23\%) | 4 (15.39\%) | 0.7277 | 5 (18.52\%) | 5 (19.23\%) | 1 |
| QLQ-C30 symptoms |  |  |  |  |  |  |  |  |
| Fatigue | Worsened ( $x \geq+5$ ) | 16 (30.19\%) | 8 (29.63\%) | 8 (30.77\%) | 1 | 9 (33.33\%) | 7 (26.92\%) | 0.7664 |
|  | Stable ( $-5<x<+5$ ) | 10 (18.87\%) | 5 (18.52\%) | 5 (19.23\%) | n.t. | 5 (18.52\%) | 5 (19.23\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 27 (50.94\%) | 14 (51.85\%) | 13 (50\%) | 1 | 13 (48.15\%) | 14 (53.85\%) | 0.7857 |


| Nausea and vomiting | Worsened ( $x \geq+5$ ) | 6 (11.32\%) | 3 (11.11\%) | 3 (11.54\%) | 1 | 5 (18.52\%) | 1 (3.85\%) | 0.1917 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Stable (-5 $<x<+5$ ) | 44 (83.02\%) | 22 (81.48\%) | 22 (84.61\%) | n.t. | 20 (74.07\%) | 24 (92.30\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 3 (5.66\%) | 2 (7.41\%) | 1 (3.85\%) | 1 | 2 (7.41\%) | 1 (3.85\%) | 1 |
| Pain | Worsened ( $x \geq+5$ ) | 11 (20.75\%) | 8 (29.63\%) | 3 (11.54\%) | 0.1751 | 4 (14.81\%) | 7 (26.92\%) | 0.3265 |
|  | Stable (-5 <x $<+5$ ) | 32 (60.38\%) | 16 (59.26\%) | 16 (61.54\%) | n.t. | 16 (59.26\%) | 16 (61.54\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 10 (18.87\%) | 3 (11.11\%) | 7 (26.92\%) | 0.1751 | 7 (25.93\%) | 3 (11.54\%) | 0.2935 |
| Dyspnea | Worsened ( $x \geq+5$ ) | 6 (11.32\%) | 4 (14.82\%) | 2 (7.69\%) | 0.6687 | 4 (14.81\%) | 2 (7.69\%) | 0.6687 |
|  | Stable (-5 $<x<+5$ ) | 43 (81.13\%) | 21 (77.77\%) | 22 (84.62\%) | n.t. | 20 (74.08\%) | 23 (88.46\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 4 (7.55\%) | 2 (7.41\%) | 2 (7.69\%) | 1 | 3 (11.11\%) | 1 (3.85\%) | 0.6104 |
| Insomnia | Worsened ( $x \geq+5$ ) | 8 (15.09\%) | 6 (22.23\%) | 2 (7.69\%) | 0.2501 | 5 (18.52\%) | 3 (11.54\%) | 0.7040 |
|  | Stable (-5 <x $<+5$ ) | 28 (52.83\%) | 11 (40.73\%) | 17 (65.38\%) | n.t. | 10 (37.04\%) | 18 (69.23\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 17 (32.08\%) | 10 (37.04\%) | 7 (26.92\%) | 0.5587 | 12 (44.44\%) | 5 (19.23\%) | 0.0772 |
| Appetite Loss | Worsened ( $x \geq+5$ ) | 7 (13.21\%) | 3 (11.11\%) | 4 (15.38\%) | 0.7040 | 4 (14.81\%) | 3 (11.54\%) | 1 |
|  | Stable (-5 $<x<+5$ ) | 41 (77.36\%) | 19 (70.37\%) | 22 (84.62\%) | n.t. | 18 (66.67\%) | 23 (88.46\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 5 (9.43\%) | 5 (18.52\%) | 0 (0\%) | 0.0510 | 5 (18.52\%) | 0 (0\%) | 0.0510 |
| Constipation | Worsened ( $x \geq+5$ ) | 9 (16.98\%) | 4 (14.82\%) | 5 (19.23\%) | 0.7277 | 5 (18.52\%) | 4 (15.38\%) | 1 |
|  | Stable (-5 $<x<+5$ ) | 34 (64.15\%) | 15 (55.55\%) | 19 (73.08\%) | n.t. | 13 (48.15\%) | 21 (80.77\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 10 (18.87\%) | 8 (29.63\%) | 2 (7.69\%) | 0.0777 | 9 (33.33\%) | 1 (3.85\%) | 0.0113 |
| Diarrhea | Worsened ( $x \geq+5$ ) | 6 (11.32\%) | 3 (11.11\%) | 3 (11.54\%) | 1 | 4 (14.81\%) | 2 (7.69\%) | 0.6687 |
|  | Stable (-5 <x $<+5$ ) | 44 (83.02\%) | 23 (85.19\%) | 21 (80.77\%) | n.t. | 22 (81.49\%) | 22 (84.62\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 3 (5.66\%) | 1 (3.70\%) | 2 (7.69\%) | 0.6104 | 1 (3.70\%) | 2 (7.69\%) | 0.6104 |


| Financial Difficulties | Worsened ( $x \geq+5$ ) | 4 (7.55\%) | 1 (3.70\%) | 3 (11.54\%) | 0.3507 | 2 (7.41\%) | 2 (7.69\%) | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Stable ( $-5<x<+5$ ) | 47 (88.68\%) | 24 (88.89\%) | 23 (88.46\%) | n.t. | 23 (85.18\%) | 24 (92.31\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 2 (3.77\%) | 2 (7.41\%) | 0 (0\%) | 0.4906 | 2 (7.41\%) | 0 (0\%) | 0.4906 |
| QLQ-C30 Global Health Status | Improved ( $x \geq+5$ ) | 24 (45.29\%) | 13 (48.14\%) | 11 (42.31\%) | 0.7846 | 15 (55.55\%) | 9 (34.62\%) | 0.1704 |
|  | Stable ( $-5<x<+5$ ) | 21 (39.62\%) | 10 (37.04\%) | 11 (42.31\%) | n.t. | 7 (25.93\%) | 14 (53.84\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 8 (15.09\%) | 4 (14.82\%) | 4 (15.38\%) | 1 | 5 (18.52\%) | 3 (11.54\%) | 0.7040 |
| QLQ-C30 Final scoring | Improved ( $x \geq+5$ ) | 12 (22.64\%) | 9 (33.33\%) | 3 (11.54\%) | 0.0993 | 8 (29.63\%) | 4 (15.38\%) | 0.3265 |
|  | Stable ( $-5<x<+5$ ) | 32 (60.38\%) | 12 (44.44\%) | 20 (76.92\%) | n.t. | 14 (51.85\%) | 18 (69.22\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 9 (16.98\%) | 6 (22.23\%) | 3 (11.54\%) | 0.4672 | 5 (18.52\%) | 4 (15.38\%) | 1 |

Patients' conditions were labelled as "improved", "stable" or "worsened" based on their individual change ( x ) from baseline to intermediate times.

Table S5. Frequency of important differences between basal (TO) and intermediate (T1) in BR23 scores by comorbidity and polypharmacy conditions.

|  |  |  | CIRS |  |  | DRUGS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Variable | Variable change ID | TOTAL | $\geq 5$ | $<5$ | $p$ value | $\geq 2$ | $<2$ | $p$ value |
| BR23 Symptoms scales |  |  |  |  |  |  |  |  |
| Systemic therapy side effects | Worsened ( $x \geq+5$ ) | 21 (39.62\%) | 12 (44.44\%) | 9 (34.62\%) | 1 | 10 (37.04\%) | 11 (42.31\%) | 0.7822 |
|  | Stable (-5 < $x<+5$ ) | 25 (47.17\%) | 10 (37.04\%) | 15 (57.69\%) | n.t. | 13 (48.15\%) | 12 (46.15\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 7 (13.21\%) | 5 (18.52\%) | 2 (7.69\%) | 0.4203 | 4 (14.81\%) | 3 (11.54\%) | 1 |
| Upset by hair loss | Worsened ( $x \geq+5$ ) | 6 (11.32\%) | 4 (14.82\%) | 2 (7.69\%) | 0.6687 | 3 (11.11\%) | 3 (11.54\%) | 1 |
|  | Stable (-5 < $x<+5$ ) | 45 (84.91\%) | 21 (77.77\%) | 24 (92.31\%) | n.t. | 23 (85.19\%) | 22 (84.61\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 2 (3.77\%) | 2 (7.41\%) | 0 (0\%) | 0.4906 | 1 (3.70\%) | 1 (3.85\%) | 1 |
| Arm symptoms | Worsened ( $x \geq+5$ ) | 13 (24.53\%) | 7 (25.93\%) | 6 (23.08\%) | 1 | 7 (25.93\%) | 6 (23.08\%) | 1 |
|  | Stable (-5 $<x<+5$ ) | 33 (62.26\%) | 18 (66.66\%) | 15 (57.69\%) | n.t. | 16 (59.26\%) | 17 (65.38\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 7 (13.21\%) | 2 (7.41\%) | 5 (19.23\%) | 0.2501 | 4 (14.81\%) | 3 (11.54\%) | 1 |
| Breast symptoms | Worsened ( $x \geq+5$ ) | 6 (11.32\%) | 2 (7.41\%) | 4 (15.38\%) | 0.6695 | 3 (11.11\%) | 3 (11.54\%) | 1 |
|  | Stable (-5 < $x<+5$ ) | 39 (73.58\%) | 23 (85.18\%) | 16 (61.54\%) | n.t. | 21 (77.78\%) | 18 (69.23\%) | n.t. |
|  | Improved ( $x \leq-5$ ) | 8 (15.09\%) | 2 (7.41\%) | 6 (23.08\%) | 0.1415 | 3 (11.11\%) | 5 (19.23\%) | 0.4672 |
| BR23 Functional scales |  |  |  |  |  |  |  |  |
| Body image | Improved ( $x \geq+5$ ) | 14 (26.42\%) | 9 (33.33\%) | 5 (19.23\%) | 0.3520 | 8 (29.63\%) | 6 (23.08\%) | 0.7570 |
|  | Stable (-5 < $x<+5$ ) | 27 (50.94\%) | 13 (48.15\%) | 14 (53.85\%) | n.t. | 12 (44.44\%) | 15 (57.69\%) | n.t. |
|  | Worsened ( $x \leq-5$ ) | 12 (22.64\%) | 5 (18.52\%) | 7 (26.92\%) | 0.7432 | 7 (25.93\%) | 5 (19.23\%) | 0.7445 |
| Future perspective | Improved ( $x \geq+5$ ) | 17 (32.08\%) | 9 (33.33\%) | 8 (30.77\%) | 1 | 7 (25.93\%) | 10 (38.46\%) | 0.3869 |


|  | Stable (-5 $<x<+5)$ | $20(37.74 \%)$ | $10(37.04 \%)$ | $10(38.46 \%)$ | n.t. | $12(44.44 \%)$ | $8(30.77 \%)$ | n.t. |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Worsened $(x \leq-5)$ | $16(30.19 \%)$ | $8(29.63 \%)$ | $8(30.77 \%)$ | 1 | $8(29.63 \%)$ | $8(30.77 \%)$ | 1 |
| Sexual functioning | Improved $(x \geq+5)$ | $3(5.66 \%)$ | $1(3.70 \%)$ | $2(7.69 \%)$ | 0.6104 | $2(7.41 \%)$ | $1(3.85 \%)$ | 1 |
|  | Stable (-5<x<+5) | $39(73.58 \%)$ | $20(74.07 \%)$ | $19(73.08 \%)$ | n.t. | $19(70.37 \%)$ | $20(76.92 \%)$ | n.t. |
|  | Worsened $(x \leq-5)$ | $11(20.76 \%)$ | $6(22.23 \%)$ | $5(19.23 \%)$ | 1 | $6(22.22 \%)$ | $5(19.23 \%)$ | 1 |
| Sexual enjoyment | Improved $(x \geq+5)$ | $2(3.77 \%)$ | $0(0 \%)$ | $2(7.69 \%)$ | 0.2358 | $0(0 \%)$ | $2(7.69 \%)$ | 0.2358 |
|  |  |  |  |  |  |  |  |  |
|  | Stable ( $-5<x<+5)$ | $43(81.12 \%)$ | $22(81.48 \%)$ | $21(80.77 \%)$ | n.t. | $23(85.19 \%)$ | $20(76.92 \%)$ | n.t. |
|  | Worsened $(x \leq-5)$ | $8(15.09 \%)$ | $5(18.52 \%)$ | $3(11.54 \%)$ | 0.7040 | $4(14.81 \%)$ | $4(15.39 \%)$ | 1 |

Patients' conditions were labelled as 'improved', 'stable' or 'worsened' based on their individual change ( $x$ ) from baseline to intermediate times.
n.t. = not tested

