# Appendices

Supplementary Table 1. Definition for success and clinical improvement assessment 6 months after the last application of the patch

|  |  |  |  |
| --- | --- | --- | --- |
| **Definition** | **Change in pain intensity (NPRS score) b** | | |
| **PGIC** | Missing | < 30% | ≥ 30 % |
| Missing | NA | NA | NA |
| Improved a | NA | Moderate success | **Success** |
| Unchanged | NA | Moderate success | Moderate success |
| Worsened a | NA | **Failure** | Moderate success |
| **Results** | **Change in pain intensity (NPRS score) b** | | |
| **PGIC** | Missing | < 30% | ≥ 30 % |
| Missing | 202 | 73 | 34 |
| Improved a | 26 | 119 | **72** |
| Unchanged | 12 | 91 | 9 |
| Worsened a | 7 | **34** | 5 |

a Slightly, much or very much

b The weekly average pain intensity was assessed using a standard 0-10 Numerical Pain Rating Scale (NPRS). Relative change from baseline to week 2 to 24 after the last application of capsaicin patch (i.e., end of 6 months’ follow-up).

NA, Not applicable; PGIC, Patient Global Impression of Change.

Supplementary Table 2. Brief pain inventory (BPI) at first and last application (completers)

|  |  |  |
| --- | --- | --- |
|  | **Completers  (N = 389)** | |
|  | **First  application** | **Last  application** |
| Pain severity: Mean (SD) |  |  |
| Worst pain in the last 24 hours | 7.3 (2.0) | 6.0 (2.6) |
| Least pain in the last 24 hours | 3.5 (2.2) | 3.1 (2.2) |
| Average pain | 5.9 (2.0) | 4.8 (2.3) |
| Pain now | 5.2 (2.6) | 4.5 (2.7) |
| Pain interference: Mean (SD)  In the last 24 hours, pain has interfered: |  |  |
| With your general activity | 5.9 (2.5) | 4.6 (2.9) |
| With your mood | 5.0 (2.8) | 4.0 (3.1) |
| With your walking ability | 4.4 (3.5) | 3.7 (3.4) |
| With your normal work | 6.0 (2.8) | 4.6 (3.1) |
| With your relations with other people | 3.7 (3.1) | 3.0 (3.0) |
| With your sleep | 5.3 (3.2) | 4.1 (3.3) |
| With your enjoyment of life | 3.9 (3.1) | 3.1 (3.1) |

SD, standard deviation.