

Supplementary 2. Characteristics of Included Studies in a Systematic Review

(N=35)

| | Characteristics | Categories | n (%) |
|------------------------|--|---|---------------|
| General | Year | 1999~2005 | 5 (14.3) |
| | | 2006~2010 | 9 (25.7) |
| | | 2011~2016 | 21 (60.0) |
| | Country | Korea | 4 (11.4) |
| | | Other countries | 31 (88.6) |
| Participants | Number (Range=20~509, Mean=145.7, Median=71) | 20~50 | 11 (31.4) |
| | | 51~100 | 10 (28.6) |
| | | 101~509 | 14 (40.0) |
| | | Cancer type | Breast cancer |
| Intervention | Component* | Other cancer(s) | 12 (34.3) |
| | | Counseling | 12 (34.3) |
| | | Education | 24 (68.6) |
| | | Behavioral therapy | 21 (60.0) |
| | Target | Social support | 8 (22.9) |
| | | Group | 23 (65.7) |
| | Format | Individual | 12 (34.3) |
| | | Off-line | 30 (85.7) |
| | Duration (wks) | Online | 2 (5.7) |
| | | Telephone | 3 (8.6) |
| | | 1~4 | 5 (14.3) |
| | | 5~8 | 14 (40.0) |
| | | 9~12 | 10 (28.6) |
| Outcome & Measurement* | Quality of life | ≥13 | 4 (11.4) |
| | | Unclear | 2 (5.7) |
| | | EORTC-QLQ-C30 | 33 (94.3) |
| | | EORTC-QLQ-BR23 | 7 (21.2) |
| | | Functional assessment of cancer therapy | 4 (12.1) |
| | | Quality of life-breast cancer | 10 (30.3) |
| | | Short form health survey | 3 (9.1) |
| | Coping & self-efficacy | Visual analog scale | 3 (9.1) |
| | | Others | 1 (3.0) |
| | | Others | 5 (15.2) |
| | | Coping & self-efficacy | 9 (25.7) |
| | | Cancer coping questionnaire | 1 (11.1) |
| | Anxiety | Coping strategies questionnaire | 1 (11.1) |
| | | General self-efficacy scale | 1 (11.1) |
| | | Mental adjustment to cancer scale | 2 (22.2) |
| | | Others | 4 (44.5) |
| | | Hospital anxiety and depression scale | 14 (40.0) |
| Depression | Profile of mood states | 5 (35.6) | |
| | State-trait anxiety inventory | 3 (21.4) | |
| | Others | 3 (21.4) | |
| | Others | 3 (21.4) | |
| | Beck depression inventory | 15 (42.9) | |
| | Center for epidemiology studies depression scale | 1 (6.7) | |
| | Hospital anxiety and depression scale | 4 (26.7) | |
| Psychological distress | Profile of mood states | 5 (33.3) | |
| | Others | 3 (20.0) | |
| | Others | 2 (13.3) | |
| | Impact of event scale | 22 (62.9) | |
| | Profile of mood states | 7 (31.8) | |
| | Perceived stress scale | 7 (31.8) | |
| | Others | 5 (22.8) | |
| | Others | 3 (13.6) | |

*Multiple response.

EORTC-QLQ-BR23=European organization for research and treatment of cancer quality of life questionnaire breast cancer specific module; EORTC-QLQ-C30=European organization for research and treatment of cancer core quality of life questionnaire.