

Multimedia Appendix 1. Results of backward logistic mixed regression analyses on practice nurses' (PNs') step-based guideline adherence.

| Final model | | OR (95% CI) | P value |
|---------------|--|----------------------|---------|
| Step 1 | | | |
| | Group (control=0; intervention=1) | 1.164 (0.705-1.920) | .55 |
| | Baseline adherence step 1 | 1.199 (1.068-1.345) | .002 |
| Step 2 | | | |
| | Group (control=0; intervention=1) | 1.004 (0.652-1.545) | .99 |
| | Perceived advantages | 2.658 (1.593-4.437) | .000 |
| | Group ^{a*} perceived advantages | 0.298 (0.143-0.621) | .001 |
| Step 3 | | | |
| | Group (control =0; intervention=1) | 2.042 (1.065-3.918) | .03 |
| | Self-efficacy | 1.597 (0.813-3.139) | .17 |
| | Group * self-efficacy | 0.288 (0.097-0.851) | .02 |
| Step 4 | | | |
| | Group (control=0; intervention=1) | 1.347 (0.846-2.144) | .21 |
| | Counseling experience | 0.946 (0.863-1.037) | .24 |
| | Baseline adherence step 4 | 1.148 (1.032-1.277) | .01 |
| | Perceived advantages | 1.548 (1.038-2.308) | .03 |
| | Group * counseling experience | 1.135 (0.995-1.293) | .06 |
| Step 5 | | | |
| | Group (control=0; intervention=1) | 1.294 (0.717-2.336) | .39 |
| | Intention to use STIMEDIC | 1.289 (0.985-1.687) | .06 |
| | Social modeling | 2.058 (0.995-4.255) | .05 |
| | Social support | 0.571 (0.247-1.320) | .19 |
| | Group * social modeling | 0.259 (0.095-0.710) | .009 |
| | Group * social support | 3.094 (1.019-9.387) | .046 |
| Step 6 | | | |
| | Group (control=0; intervention=1) | 1.175 (0.710-1.947) | .53 |
| | Perceived advantages | 1.550 (1.010-2.377) | .045 |
| Step 7 | | | |
| | Group (control=0; intervention=1) | 0.854 (0.435-1.675) | .65 |
| | Counseling experience | 0.891 (0.891-1.001) | .05 |
| | Perceived disadvantages | 2.162 (0.792-5.900) | .13 |
| | Self-efficacy | 4.353 (1.628-11.638) | .003 |
| | Social modeling | 1.654 (1.118-2.446) | .01 |
| | Group * counseling | 1.184 (0.997-1.406) | .05 |