

## Multimedia Appendix 1

List of additional scales administered as part of the present study. German translations were used. Some scales were shortened. Reliabilities based on  $N = 150$ .

Scale name	# items	Alpha T1	Alpha T2
<b>Positive and Negative Affect Schedule (PANAS) <sup>1</sup></b>			
<b>Negative Affect</b>	6	.918	.851
<b>Positive Affect</b>	6	.625	.586
<b>Self-control <sup>2</sup></b>	5	.604	.560
<b>Regulatory focus <sup>3</sup></b>			
<b>Prevention</b>	5	.320	-
<b>Promotion</b>	5	.416	-
<b>Health-related Self-esteem <sup>4</sup></b>	7	.563	.555
<b>Hypochondria <sup>5</sup></b>	7	.892	.837
<b>Health-related Self-efficacy <sup>6</sup></b>	6	.328	.357
<b>Attitude to Alternative Medicine <sup>7</sup></b>	5	.590	.599
<b>Attitude to Conventional Medicine <sup>7</sup></b>	6	.773	.735
<b>Motivation relating to Bowel Cancer Screening <sup>8</sup></b>	11	.817	.741
<b>Epistemic beliefs relating to Bowel Cancer Screening <sup>9</sup></b>	17	.629	.635
<b>John Hopkins Symptom Checklist <sup>10</sup></b>	25	.972	.957
<b>Individual Health Concept <sup>11</sup></b>			
Evidence based medicine	4	.654	.746
Patient-centered medicine	4	.629	.745
<b>Patients' needs for Bowel Cancer Screening <sup>12</sup></b>			
<b>Need for clarity</b>	3	.731	-
Need for well-being	3	.638	-
Need for reliability	2	.504	-
<b>Patients' needs relating to medical consultation</b>	13	.923	-

<sup>1</sup> Watson, D., Clark, L. A., & Tellegen, A. (1988). Development and validation of brief measures of positive and negative affect: the PANAS scales. *Journal of Personality and Social Psychology*, 54(6), 1063.

<sup>2</sup> Rheinberg, F. & Wendland, M. (2003). Itemübersicht zum Fragebogen SSI-K-32. Potsdam: Universität Potsdam, Institut für Psychologie.

<sup>3</sup> Sassenberg, K., Ellemers, N., & Scheepers, D. (2012). The attraction of social power: The influence of construing power as opportunity versus responsibility. *Journal of Experimental Social Psychology*, 48(2), 550-555.

<sup>4</sup> Heatherton, T. F., & Polivy, J. (1991). Development and validation of a scale for measuring state self-esteem. *Journal of Personality and Social Psychology*, 60(6), 895.

<sup>5</sup> Pilowsky, I. (1993). Dimensions of illness behaviour as measured by the Illness Behaviour Questionnaire: A replication study. *Journal of Psychosomatic Research*, 37, 53-62.

<sup>6</sup> Sallis, J. F., Pinski, R. B., Grossman, R. M., Patterson, T. L., & Nader, P. R. (1988). The development of self-efficacy scales for health-related diet and exercise behaviors. *Health Education Research*, 3, 283-292.

- <sup>7</sup> Furnham, A., & Forey, J. (1994). The attitudes, behaviors and beliefs of patients of conventional vs. complementary (alternative) medicine. *Journal of Clinical Psychology*, *50*(3), 458-469.
- <sup>8</sup> Pelletier, L. G., Tuson, K. M., & Haddad, N. K. (1997). Client motivation for therapy scale: A measure of intrinsic motivation, extrinsic motivation, and amotivation for therapy. *Journal of Personality Assessment*, *68*(2), 414-435.
- <sup>9</sup> Stahl, E., & Bromme, R. (2007). The CAEB: An instrument for measuring connotative aspects of epistemological beliefs. *Learning and Instruction*, *17*(6), 773-785.
- <sup>10</sup> Derogatis, L. R., Lipman, R. S., Rickels, K., Uhlenhuth, E. H., & Covi, L. (1974). The Hopkins Symptom Checklist (HSCL): A self-report symptom inventory. *Systems Research and Behavioral Science*, *19*(1), 1-15.
- <sup>11</sup> Bientzle, M., Cress, U., & Kimmerle, J. (2015). The role of tentative decisions and health concepts in assessing information about mammography screening. *Psychology, Health & Medicine*, *20*, 670-679.
- <sup>12</sup> Bientzle, M., Fissler, T., Cress, U., & Kimmerle, J. (2017). The impact of physicians' communication styles on evaluation of physicians and information processing: A randomized study with simulated video consultations on contraception with an intrauterine device. *Health Expectations*, *20*, 845-851.