

Appendix table and figure

Table A1. The RIAS all categories (Noro et al., 2011)

Name of category groups (N of categories)	Categories
Affective categories (16)	1) Personal remarks and social conversation 2) Laugh, tells jokes 3) Approval 4) Gives compliment (general) 5) Disapproval (direct) 6) Criticism (general) 7) Agreement 8) Back-channel responses 9) Remediation 10) Empathy 11) Legitimizing 12) Concern and worry 13) Encourages or shows optimism 14) Asks for reassurance 15) Showing partnership (oncologist only) 16) Self-disclosure (oncologist only)
Instrumental (task) categories (25)	1) Orientations and instruction 2) Paraphrasing or checking 3) Asks for understanding 4) Bid for repetition 5) Asks for opinion (oncologist only) 6) Asks for permission (oncologist only) 7) Transition words 8) Request for services or medication (patient only) Information giving: 9) Medical condition 10) Therapeutic regimen 11) Lifestyle information 12) Psychosocial feelings 13) Other information Question asking (open-ended): 14) Medical condition 15) Therapeutic regimen 16) Lifestyle information 17) Psychosocial feelings 18) Other information Question asking (closed): 19) Medical condition 20) Therapeutic regimen 21) Lifestyle information 22) Psychosocial feelings 23) Other information Counseling (oncologist only): 24) Medical condition/therapeutic regimen 25) Lifestyle and psychosocial

Other (1)

1) Unintelligible utterances

RIAS, Roter interaction analysis system.

Noro, I., Abe, K., & Ishikawa, H. (2011). Medical Communication Analysis Methods -The Roter method of interaction process analysis system (RIAS)- [Iryo comyunikeishion bunseki no houho (in Japanese)] (2nd ed.). Sankeisha CO., LTD.

Figure A1. Images of app screen shot

