

Table 1. Participant Characteristics

Participant ID	Profession/ Job Title	Experience in years	Cancer specialty
P1	Pediatric Oncologist	>20	Lymphoma
P2	Consultant Oncologist	-	Brain tumors
P3	Specialist Physiotherapist	-	Sarcoma, leukemia, lymphoma and CNS
P4	Community liaison nurse leader	8	Range of cancers
P5	Clinical nurse specialist	3.5	Blood, bone and brain
P6	Clinical nurse specialist	26	Brain tumor
P7	Consultant Oncologist	>15	Sarcoma and germ cell tumors
P8	Clinical nurse specialist	-	Range of cancers
P9	Clinical nurse specialist	-	-
P10	Lead nurse	17	-
P11	Staff nurse	2	-
P12	Community Support Worker	-	Range of cancers
P13	Clinical nurse specialist	8	-
P14	Clinical nurse specialist	2.5	-
P15	Academic fellow	3	-
P16	Speciality doctor (Pediatric Oncology)	17	-
P17	Pediatric Oncologist	22	Leukemia and lymphoma
P18	Specialist dietician	7	Hematology
P19	Advanced nurse specialist	13	Range of cancers
P20	Physiotherapist	-	Range of cancers
P21	Physiotherapist	9.5	Broad range of cancers
P22	Nurse	6	Range of cancers
P23	Nurse Consultant	>10	Range of cancers
P24	Consultant Oncologist	>19	Range of cancers (Radiotherapy)
P25	Physiotherapist	0.5	Range of cancers
P26	Social Worker	7.5	Range of cancers

Abbreviation: CNS, Clinical Nurse Specialist _____.

Table 2. Themes, Sub-themes and Corresponding COM-B Model Constructs

COM-B Model Construct	Theme	Sub-theme
Reflective motivation, self-conscious decision making and reasoning that influence TYA-HPs' decision to provide health behavior advice	Theme 1: Discussing Health Behavior To Support Self-Management	<ul style="list-style-type: none"> ▪ <i>Benefit to long-term health</i>
Automatic motivation, biases that affect TYA-HPs' decision to provide health behavior advice	Theme 1 continued	<ul style="list-style-type: none"> ▪ <i>Personal interest</i> ▪ <i>Fear of disengaging the patient</i> ▪ <i>Family present</i>
Capability, TYA-HPs' knowledge, skills, and ability to address health behavior in clinical practice	Theme 2. Health Promotion Within TYA Cancer Care	<ul style="list-style-type: none"> ▪ <i>Low confidence to provide specific advice</i> ▪ <i>Multidisciplinary team support</i>
Physical and social opportunity, social and environmental factors influencing TYA-HPs' choice and ability to address health behavior with young people in their care	Theme 3. Lack of Evidence and Resources To Support Health Behavior Promotion In Practice	<ul style="list-style-type: none"> ▪ <i>Lack of evidence linking health behavior to TYA cancer outcomes</i> ▪ <i>Limited information resources</i>
Continued Professional Development Opportunities & Resources	Theme 4. Requirements for implementation and change in practice	<ul style="list-style-type: none"> ▪ <i>Multi-format evidence-based training on health behavior promotion</i> ▪ <i>Professional standard/ competency</i> ▪ <i>Financial support to attend CPD</i> ▪ <i>Input from young people with cancer</i>

Abbreviations: _____; CPD, continuous professional development _____; TYA, teenage and young adult _____; TYA-HP, teenage and young adult health professional _____.