Topic	Questions and prompts
BREATH exercise program questions	You did the BREATH program at (interest location). You were joined by (insert siblings, friends).  • Tell me what you thought about the games and activities?  • What did you like about the games/activities? Why?  • What parts did you think were fun?  • What didn't you like about the program? Why?  • What parts did you think were boring?  • What would you change?  • What did you think about how long each session went for?  • What did you think about the having the sessions at (insert location)?  • What was it like having your (friend/sibling there)?  • Have you noticed any changes to the way your body feels or moves since doing the exercise program?  • What are those changes?  • Have you noticed that it is easier or harder to keep up with your friends when you are playing?  • Do you get tired when you are playing or running around?  • Did this tiredness change after you did the games/exercise program?
Home activity program	<ul> <li>What did you think about the home programs?</li> <li>What was fun?</li> <li>What didn't you like about the home programs?</li> <li>What was boring?</li> <li>What did you think about the types of activities?</li> <li>What did you think about how long your home activities went for?</li> <li>What would you change about the home programs?</li> <li>Who did the home programs with you?</li> <li>What was that like?</li> <li>How many times a week did you do the home activities?</li> <li>Would it be helpful to have an app or other online support?</li> <li>What would that look like?</li> </ul>
Future programs	<ul> <li>Would you do the games and exercise program again?</li> <li>Would you recommend that other children do the games/ activity sessions?</li> <li>Can you tell my why/why not?</li> <li>&gt;10yo: How do you feel an ideal program would be delivered?</li> <li>Group sessions, one one home based combination.</li> </ul>

o Group sessions, one-on-one, home-based, combination,

remote, online coaching, apps

- o Would you recommend that friends/siblings be included
- o Timing. Before or after school, on the weekends, or in the holidays?
- o Frequency. More/less than once a week
- Types of activities
- o Setting. At home, in the community, at a health centre.
- <10yo: Would you do the BREATH program again? Would you want to try anything different?
- >10yo: Do you have any thoughts how this would work if we delivered this online via a smart phone or iPad?

Sweeping question

Is there anything else you would like to add before we finish?

## **Topic Questions and prompts BREATH** Your child participated in the bronchiectasis research project that included games/exercise sessions at (interest location). They were joined by (insert exercise program siblings, friends). questions Tell me what you thought about the BREATH program? • What did you like about the program? o What could we have done better? What did you think about the types of activities? What did you think about the length of each session? (approx. What did you think about the length of the whole program? (8) weeks) What did you think about the location? How did your child feel about participating in the exercise program? o What did they like? o What did they dislike? • What parts of the sessions did you child find easy? O What parts of the sessions did your child find hard or Have you noticed any changes in your child's movement skills or coordination level? o What type of changes in movement skills or coordination did you observe? o Did they improve? Did they stay the same? Did they decline? Have you noticed any changes in their fitness since participating in the games/exercise sessions? o Did their fitness improve? Did it stay the same? Did their fitness decline? Is there any change to their tiredness or fatigue? o Do they become more fatigued with physical activity? No change? Less fatigued with physical activity? The BREATH program is designed to include siblings, friends or other children with bronchiectasis. Describe how the inclusion of other children influenced your child? What did your home program sessions look like? Home Who was usually involved in the home games and activities? activity

## program

- o Did you use any particular strategies to manage the home program (e.g. sibling and parent involvement, supervision, competition, rewards, music)?
- What did you think about the home programs?
  - What did you like about the home program?
  - What did you dislike about the home program?

- What did you think about the length of each home program?
- What did you think about how often you were asked to do the home program?
- What did you think about the types of activities?
- Was it difficult to motivate you child to do the home program? If so, in what way?
- What did you think about the paper handouts you were provided for the home program?
- How often did you do the home program?

## Future programs

- Describe what you think would be an ideal program.
  - o Group sessions, one-on-one, home-based, combination, remote, online coaching, apps
  - o Timing. Would BREATH be suited closer to the diagnosis of bronchiectasis.
  - o Frequency. More/less than once a week
  - Length of program, is 8 weeks, too long, too short or the right about of time?
  - Types of activities
  - o Setting. At home, in the community, at a health centre.
  - Timing. Before or after school, on the weekends, or in the holidays?
- Do you have any thoughts how this would work if we delivered over the internet or smart phone app?
- Would a program like BREATH be valuable for other children with bronchiectasis?

## Sweeping question

Do you have any other comments you would like to add before we finish?

Topic	Topic Sub Grouping	Initial Code		
BREATH Program	Location	Community		
DKEATH FIOGRAM	Location	Home		
		Hospital		
		Inside		
		Other location		
		Outside		
		Proximity (to home/school)		
		Research Centre		
	Earling about many	School		
		Travel time		
	Feelings about program	Adaptable		
		Bad		
		Boring		
		Challenging		
		Difficult		
		Dislike		
		Easier		
		Fun / enjoyment		
		Games-based		
		Good		
		Happy		
		Hard or harder		
		Helpful		
		Improve		
		Individualised		
		Interesting		
		Like		
		Play- based		
		Rapport (therapist, or others at		
		sessions)		
		Social / socialise		
		Structured		
		Variety		
	Logistics	Communication therapist		
		Communication written		
		Equipment support		
		Organisation		
	Support People	Child		
		Friend		
		Parent		
		Sibling		
		Therapist		
		Other people (not listed above)		
	Timing of diagnosis	Appropriate as was		
	-	Prefer closer to diagnosis		
		Prefer further from diagnosis		

Changes in

participant Symptoms Breathless

Coughing

Tired / fatigue / exhausted

Other changes Ability

Confidence Co-ordination

Fitness Motivation No change Participation Reducing Medicine Skills- balance

Skills- exercise (and activities)

Skills- jumping Skills- Play Skills- running Skills- throwing Tried (or trying)

Skills-ball

Duration and Frequency

BREATH Frequency F2F Sessions Appropriate as was

Prefer more frequent Prefer less frequent

Duration of F2F sessions Appropriate as was

Prefer longer Prefer shorter

Duration of BREATH program Appropriate as was

Prefer longer Prefer shorter

Home program Frequency of home sessions App

Appropriate as was Prefer more frequent

Prefer less frequent

Duration of home sessions Appropriate as was

Prefer longer Prefer shorter

Management of home program Competition

Equipment

Parent involvement

Reminders Rewards

Sibling involvement

Supervision

Sentiment towards home

program Bad

Boring Challenging Child autonomy

Difficult

		Dislike Easier Fun Games-based Good Happy Hard or harder Helpful Improve Interesting	
Future Programs	Mode	Like Face to face Group based Individual with therapist	
		Using tech (like an APP) for games sessions Using tech (like an APP) for home program	
	Time /timing	Afternoon Day Evening Holidays Morning School Term Weekend	
	Recommend to others	Comment	