

Appendix

Appendix Table 1: Training topics

Topic	Content
Welcome and introduction	<ul style="list-style-type: none"> • Introductions and roles • Overview of intervention and trial <ul style="list-style-type: none"> ○ Rationale ○ Aims and outcomes ○ Intervention design ○ Role of nurses in intervention ○ Study timeline
CF Fundamentals	<ul style="list-style-type: none"> • CF 101 <ul style="list-style-type: none"> ○ Life course and daily life ○ Late-stage illness and death ○ Palliative needs and goals of care • CF primary treatments <ul style="list-style-type: none"> ○ Daily treatments ○ Transplant ○ Modulators • CF care delivery <ul style="list-style-type: none"> ○ Structure of the multidisciplinary care team ○ Transitions from pediatric to adult care • Daily life with CF • Discussion: Similarities and differences between CF and other serious illness
Symptoms in CF	<ul style="list-style-type: none"> • Overview of physical symptoms • Epidemiology of emotional, spiritual and existential symptoms • Issues specific to adulthood with CF • Treatment options/considerations specific to CF
Social context	<ul style="list-style-type: none"> • Caregivers and their roles: parents, spouses, other • Adults with CF relationships with caregivers, family, social support • Reproduction, parenting and CF • Caregivers' needs • Adult with CF social roles (employment, education, disability)
Establishing therapeutic alliance	<ul style="list-style-type: none"> • Asking about history and symptoms • Eliciting patient understanding of and interest in prognosis • Communicating with CF care team
Skills presentation	Short (15 minute) mock encounter with standardized patient (SP)
Skills demo	Interventionists will rotate through conversations about prognostic understanding with three SPs representing different patient scenarios (e.g., reluctant to discuss, interested in knowing more).
Introducing goals of care in CF	<ul style="list-style-type: none"> • Identifying surrogate • Previewing future conversations • Identifying patient worries

Skills presentation	Short mock encounter with SP
Skills demo	Interventionists will rotate through conversations introducing GOC/ACP with three SPs representing different patient scenarios (e.g., reluctant to discuss, interested in knowing more)
Recap: role in study	<ul style="list-style-type: none">• Responsibilities for each intervention encounter• Plans for intervention team discussions• Study support staff and resources
Technology and support	<ul style="list-style-type: none">• Responsibilities for data collection• Introduction to REDCap• Fidelity monitoring and feedback: how to record encounters