

Supplementary File S2
Data Charting Framework

Domain	Data Item	Description
Study Identification	Author(s)	First author and publication year
Study Identification	Country	Country or region where the study was conducted
Study Characteristics	Study design	Qualitative, quantitative, mixed methods, systematic review, etc.
Population	Participant characteristics	CKD stage, HD status, sample size, age, sex
Context	Care setting	Hospital dialysis unit, outpatient dialysis center, community setting, etc.
Concept	Supportive care needs	Physical, psychological, social, spiritual, informational, practical, and financial needs
Concept	Patient preferences	Communication preferences, shared decision-making, treatment preferences, family involvement, end-of-life preferences
Methods	Data collection methods	Interviews, surveys, questionnaires, medical records, etc.
Outcomes	Key findings	Main findings relevant to supportive care needs and patient preferences
Quality Appraisal	JBI assessment outcome	Summary of methodological appraisal findings
Synthesis	Emerging themes	Theme/category used in the final synthesis