

Table S1. Number of deaths by primary cause and by category of dialysate bicarbonate

Primary cause of death	All patients	Dialysate Bicarbonate (mEq/L)		
		DB ≤ 32	DB 33-37	DB ≥ 38
Cardiovascular (CV)-related	1319	174	838	307
CV: Sudden death	584	70	367	147
CV: Non-Sudden death	735	104	471	160
Infection-related	502	65	319	118
Other (non-CV, non-infection)	917	115	613	189
Cause unknown	332	32	216	84
Missing data	843	145	501	197
Total deaths	3913	531	2487	895
Total patients	17031	2351	10851	3829