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Supplemental material

Supplementary Table 1. Nomogram for calcium carbonate dosing in the intensive arm

Serum P (mmol/L)	CaCO₃ 1250 mg tablets (500 mg elemental calcium/tablet)	CaCO₃ 750 mg chewable tablets (300 mg elemental calcium/tablet)
< 0.75	Take 1 less tablet with each meal (i.e., reduce by up to 3 tablets per day)	Take 1 less tablet with each meal (i.e., reduce by up to 3 tablets per day)
0.75-1.50	At target, no change	At target, no change
1.51-2.00	Take 3 additional tablets daily, 1 with each meal to a maximum of 6 tablets/day	Take 3 additional tablets daily, 1 with each meal to a maximum of 10 tablets/day
> 2.00	Take 6 additional tablets daily, 2 with each meal to a maximum of 6 tablets/day	Take 6 additional tablets daily, 2 with each meal to a maximum of 10 tablets/day

Supplementary Table 2. Nomogram for calcium carbonate dosing in the liberalized arm

Serum P (mmol/L)	CaCO₃ 1250 mg tablets (500 mg elemental calcium/tablet)	CaCO₃ 750 mg chewable tablets (300 mg elemental calcium/tablet)
≤2.00	Take 3 fewer tablets daily (ie, 1 less tablet with each meal)	Take 3 fewer tablets daily (ie, 1 less tablet with each meal)
2.01-2.50	At target, no change	At target, no change
2.51-3.00	Add 1 tablet to largest meal of the day to a maximum of 6 tablets/day	Add 1 tablet to largest meal of the day, to a maximum of 10 tablets/day
> 3.00	Take 3 additional tablets daily, 1 with each meal, to a maximum of 6 tablets/day	Take 3 additional tablets daily, 1 with each meal, to a maximum of 10 tablets/day

* Patients in arm who are receiving sevelamer or lanthanum will continue to receive these drugs with no dose adjustment during the follow-up period.