

Supplemental Table 1: Detailed facility-level and patient-level inclusion and exclusion criteria for the TAKE HOLD study

<p><u>Inclusion Criteria – Facility Level</u></p> <ol style="list-style-type: none"> 1) Agreement by dialysis unit medical director to adopt trial intervention 2) Agreement by referring nephrologists to adopt trial intervention 3) At least 30 patients in the dialysis unit who meet inclusion / exclusion criteria
<p><u>Exclusion Criteria – Facility Level</u></p> <ol style="list-style-type: none"> 1) Planned unit-level intervention study in the next 90 days
<p><u>Inclusion Criteria – Patient Level</u></p> <ol style="list-style-type: none"> 1) Age \geq 18 years 2) On in-center thrice weekly hemodialysis 3) Dialysis start time in the morning or afternoon (<i>i.e.</i>, first, second, or third shift) 4) Taking at least one antihypertensive medication that is dosed >1 time per day.
<p><u>Exclusion Criteria – Patient Level</u></p> <ol style="list-style-type: none"> 1) Initiation of hemodialysis within previous 90 days 2) Inability to provide informed consent 3) Currently participating in another clinical trial (intervention study) 4) >2 unexcused missed dialysis sessions in the previous 30 days 5) Documented heart failure with reduced ejection fraction (left ventricular ejection fraction $< 40\%$) 6) Cardiovascular event (<i>e.g.</i> myocardial infarction, stroke, heart failure) or procedure (<i>e.g.</i>, coronary artery bypass, peripheral arterial bypass grafting, carotid artery procedures, aortic procedures) or hospitalization for unstable angina within the previous 90 days 7) End-stage liver disease 8) Planned kidney transplant within the next 90 days 9) Planned dialysis modality switch (to home hemodialysis, peritoneal dialysis, nocturnal hemodialysis) within the next 90 days 10) Pregnancy, currently trying to become pregnant 11) Active infection requiring antibiotic, antifungal or antiviral therapies 12) Any factors judged by the treatment team to be likely to limit adherence to the interventions <ol style="list-style-type: none"> a) Active alcohol or substance abuse within the last 12 months b) Plans to move outside of the treatment area within in the next 90 days c) Other medical, psychiatric, or behavioral factors that in the judgement of the study team may interfere with study participation or the ability to follow the intervention protocol

Supplemental Table 2: Effect of TAKE VS. HOLD on the specified outcomes, defined as the proportion of participants with $\geq 30\%$ of sessions with that outcome during the 4-week intervention period. Adjusted values include the baseline proportion of the specified outcomes in the models.

	Outcome: intradialytic hypotension	Outcome: uncontrolled hypertension
Unadjusted	7.9% (-3.0%, 18.7%)	-14.6% (-28.0, -1.2)
Models adjusted for:		
Sex	9.5% (-1.4%, 20.4%)	-14.2% (-28.1, -0.3)
Other cardiac conditions	9.2% (-0.9%, 19.2%)	-15.1% (-28.7%, -1.4%)
DM	7.5% (2.9%, 17.8%)	-13.5% (-27.3%, 0.2%)
Needs assistance with ambulation, transfer or ADLs	10.6% (-1.4%, 22.6%)	-14.4% (-27.8%, -0.9%)
Taking dialyzable BP meds	8.6% (-2.2%, 19.4%)	-15.0% (-27.8%, -2.3%)

Supplemental Table 3: Effect of TAKE VS. HOLD on the specified outcomes, defined as the proportion of participants with $\geq 30\%$ of sessions with that outcome during the 4-week intervention period. Adjusted values include the baseline proportion of the specified outcomes in the models.

	TAKE N(%)	HOLD N(%)	Unadjusted	Adjusted
Failure to achieve within 0.5 Kg of DW	30 (46.2)	34 (51.5)	-5.4% (-11.6% to 0.9%)	1.8% (-8.2% to 11.7%)
Shortened dialysis session by > 5 minutes	8 (12.3)	8 (12.1)	0.2% (-11.0% to 11.4%)	0.3% (-10.1% to 10.7%)