ADDITIONAL MATERIALS 1

Section 1.3. MOSES Timeline of Measurements

TIME LINE OF MEASUREMENTS (March 9, 2012)

Screening visit #1												
	0	15	30	45	0	15	30	45	0	15	30	45
Arrival check in												
Informed consent, HIPAA, repository, assign ID												
Home & Health Screening Questionnaire												
Height & weight												
Vital signs												
12-lead ECG												
Spirometry												
Physical exam												
Phlebotomy												
Discharge												

Training visit #2								
	0	15	30	45	0	15	30	45
Arrival check in								
Vital signs								
3-lead or 12-lead EGC								
Exercise, min. ventilation, BP, HR, rhythm printout, SpO_2								
Physician reviews all results								
Discharge with PES, activity diary, and instructions								

TIME LINE OF MEASUREMENTS (APR 4, 2013)

Day before exposure (UR and UCSF)

UNC would start 12 :00 noon

	11:00				12:00				13:00				14:00				15:00				16:00			
	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45
Arrival check in, collect personal monitor and activity diary.																								
Low-fat lunch																								
Pre-exposure day health questionnaire, review of TAD																								
Vital signs (and pregnacy test if indicated); physician signs off								VS																
Phlebotomy																								
BAU FMD																								
Discharge with box dinner (regular) and instructions (overnight stay at CRC/hotel)																								

Exposure day (UR, SF)

UNC would start at 7:30

	before exposure				during exposure												after exposure																											
	7:00				8:00 EXPO				9:00				10:00				11:00				12:00				13:00				14:00				15:00				16:00				17:00			
	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45	0	15	30	45
Arrival and regular breakfast																																												
Vital signs or BP, HR		VS		BP				BP				BP					VS																		VS									
Symptom que.																																												
12-lead ECG, Holter*																																												
HRV																																												
Spirometry																																												
Exercise; min vent, BP, HR, ECG printout					MV		MV				MV				MV																													
SpO2 (optional)																																												
Low-fat lunch																																												
Phlebotomy																																												
BAU FMD																																												
Discharge with instructions to home																																												

Day after exposure

	8:00				9:00				10:00			
	0	15	30	45	0	15	30	45	0	15	30	45
Arrival												
Vital signs	VS											
Symptom que.												
Holter/HRV			HRV									
Phlebotmy												
Spirometry												
Sputum collection												
Discharge subject with PES & activity diary												

tests/activity

oxygen saturation (optional)

Holter recording

BAU = brachial artery ultrasound

FMD=flow-mediated dilation

Holter* = 24 hr. recording with activity log

BP measured 5 minutes before exercise as indicated