PVDOMICS Study Broad Data Descriptions: the What, the When, the Who, the Where

Results	When and how collected	Who reported	Data collection form number(s)	Sample of variables available
RHC	At the time of enrollment in the study, following Clinical Core provided protocol	Adjudicated by Study Clinical Core	F280, F283	mPAP, PVR, PCWP, Cardiac output at rest or with O_2, iNO, or fluid challenges
CPET	At the time of enrollment in the study, following Clinical Core provided protocol	Adjudicated by Study Clinical Core	F290, F290A, F291, F291A, F292	VCO_2, VO_2, VE, Tidal volume, % predicted VO_2 max
ECG	At the time of enrollment	Adjudicated by Study Clinical Core	F245, F246	ECG rhythm, heart block, chamber enlargement
Sleep studies	At the time of enrollment in the study, following Clinical Core provided protocol If not available – clinically performed sleep study within 1 year prior to enrollment or 6 months after enrollment provided there were no changes in nighttime oxygen or sleep disorder therapy	Adjudicated by Study Clinical Core	F150, F151, F152, F153 F155, F156	Apnea hypopnea index, O_2 or PAP device use during the sleep study, experienced desaturation - O_2 < 90%
PFT	At the time of enrollment in the study, following Clinical Core provided protocol If not available – within 1 year prior to enrollment provided that there has been no change in clinical status, or if no lung disease is evident upon completion of careful history and physical and HRCT	Adjudicated by Study Clinical Core	F270, F271	% predicted: FEV/FVC, DLCO, TLC

Results	When and how collected	Who reported	Data collection form number(s)	Sample of variables available
ECHO	At time of enrollment, by Clinical Core certified technicians, following Clinical Core provided protocol	Adjudicated by Study Clinical Core	F250, F260	Left atrial volume (4 chamber) LV: end diastolic and systolic diameter, ejection fraction RV: volume index, end-diastolic basal dimension, size, function TAPSE
MRI	At time of enrollment, by Clinical Core certified technicians, following Clinical Core provided protocol	Adjudicated by Study Clinical Core	F251, F261	RV: end diastolic volume, ejection fraction, mass Mitral valve regurgitant fraction, tricuspid valve regurgitant volume and fraction
Chest CT	At the time of enrollment in the study If not available – within 1 year prior to enrollment	Adjudicated by Study Clinical Core	F252, F253, F262, F262A	Emphysema, ILD, ground glass, main PA diameter
V/Q	Performed within 4 years prior to enrollment	Center reported results	F254	Probability of pulmonary embolism
6MWT	At time of enrollment in the study	Center reported results	F133	6MWD, HR at the end of walk and recovery at 1 and 2 min., SPO_2 and the end of walk and recovery at 1 and 2 min., reasons walk was terminated (if applicable)

Results	When and how collected	Who reported	Data collection form number(s)	Sample of variables available
Local clinical labs	CBC, CMP – within 1 month prior to enrollment ANA – within 45 days prior to enrollment PTT – at time of enrollment	Center reported results	F200, F201, F202	Total WBC and differentials, RBC, RDW, SAlb, SCa, eGFR
Biorepository reported clinical labs	Blood collected at time of enrollment	Biorepository Core reported results	F220	NT-proBNP, rheumatoid factor, insulin, iron, cholesterol panel
QOL (SF36, MLHF, emphasis)	At time of enrollment	Patient reported	F170, F171, F172	QOL scores, administration (how and where) and language details
Medications	Snapshot at the time of enrollment	Center reported	F110	PH medications (ERAs, PDE5i, SCG, prostanoids), CCB, beta blockers