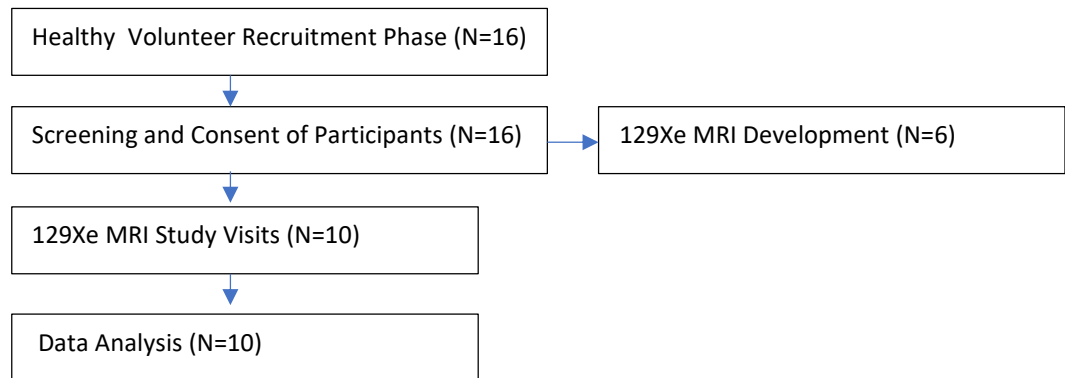


Participant Flow



Basic Characteristics

Characteristic	Participants (n=10)
Male – n(%)	8(80)
Age – year $\pm$ SD	27 $\pm$ 5.12
BMI $\pm$ SD	23.4 $\pm$ 1.7
FEV1% predicted $\pm$ SD	106 $\pm$ 9
FVC% predicted $\pm$ SD	111 $\pm$ 13
FEV1/FVC $\pm$ SD	84 $\pm$ 2

Table 1: Characteristics of healthy volunteer participants scanned

Abbreviations: SD = standard deviation, BMI = body mass index, FEV1 = forced expired volume in 1 second, FVC = forced vital capacity

Outcome Measures

Variable	Minutes post- ¹²⁹ Xe	Mean Difference	SD	CI	P-Value
SpO2	5	-0.01	1.05	-0.28 – 0.26	0.927
	10	0.26	1.08	-0.01 – 0.54	0.14
	15	0.21	1.07	-0.07 – 0.48	0.05
	30	0.18	1.26	-0.14 – 0.50	0.149
sBP (mmHg)	5	3.23	7.42	1.27 – 5.19	<0.001*
	10	1.41	7.15	-0.48 – 3.29	0.05
	15	0.35	6.68	-1.41 – 2.11	0.598
	30	1.31	7.39	-0.64 – 3.27	0.076
dBp (mmHg)	5	0.71	6.89	-1.11 – 2.53	0.301
	10	0.15	7.59	-1.85 – 2.16	0.837
	15	1.3	7.31	-0.90 – 2.96	0.158
	30	0.25	8.25	-1.93 – 2.43	0.758
HR (beats/min)	5	-1.92	6.29	-3.24 – -0.31	0.002*
	10	-2.46	7.18	-4.29 – -0.63	<0.001*
	15	-2.56	8.24	-4.25 – -0.87	<0.001*
	30	-2.85	6.91	-4.63 – -1.09	<0.001*

Table 2: Analysis of clinical measurements post ¹²⁹Xe inhalation

Abbreviations: CI = confidence interval, SpO2 = oxygen saturation, sBP = systolic blood pressure, dBp = diastolic blood pressure, HR = heart rate

Adverse Events

No adverse events occurred during this trial