

Supplementary material

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Table S1. Assessment of agreement between the three most commonly used EIH definitions using kappa coefficient (κ)^a

	EIH Definition 1 vs. Definition 2	EIH Definition 1 vs. Definition 3	EIH Definition 2 vs. Definition 3
Men (n = 44), κ (95% CI)	0.56 (0.34–0.78)	0.86 (0.71–1.0)	0.68 (0.47–0.89)
Women (n = 30), κ (95% CI)	0.76 (0.45–1.07)	0.73 (0.47–1.01)	0.53 (0.2–0.86)
Total (n = 74), κ (95% CI)	0.64 (0.47–0.81)	0.83 (0.7–0.96)	0.64 (0.47–0.81)

^aKappa coefficient interpretation: slight agreement (0.01–0.20), fair agreement (0.21–0.40), moderate agreement (0.41–0.60), substantial agreement (0.61–0.80), almost perfect agreement (0.81–1.0)

EIH Definition 1, SBP >200 mm Hg; EIH Definition 2, SBP \geq 220 mm Hg; EIH Definition 3, SBP \geq 210 mm Hg in men and SBP \geq 190 mm Hg in women

Table S2. Comparison between patients with and without EIH according to resting hypertension, age, and age at first repair

		EIH	No EIH	P-value
Resting hypertension	EIH Definition 1	20/30	23/44	0.04
	EIH Definition 2	12/18	31/56	<0.001
	EIH Definition 3	20/30	23/44	0.04
Age	EIH Definition 1	32.5 (20–57) years	42.5 (20–68) years	0.01
	EIH Definition 2	34.5 (22–57) years	40 (20–68) years	0.11
	EIH Definition 3	36.5 (20–57) years	41.5 (20–68) years	0.06
Age at 1 st repair	EIH Definition 1	5 (0–17) years	6.5 (0–17) years	0.58
	EIH Definition 2	4 (0–17) years	8 (0–47) years	0.57
	EIH Definition 3	6 (0–17) years	7 (0–47)	0.84

Continuous variables are presented as median (range)

EIH Definition 1, SBP >200 mm Hg; EIH Definition 2, SBP ≥220 mm Hg; EIH Definition 3, SBP ≥210 mm Hg in men and SBP ≥190 mm Hg in women

Abbreviations: EIH, exercise-induced hypertension