Table S1. Databases and search strategies used in present systematic review.

Database	Coverage	Search run	Records
MEDLINE	1946 to present	"(Arterial hypertension OR resistant hypertension OR uncontrolled hypertension OR high blood pressure) AND (renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	26
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	27
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity)"	65
		"Renal sympathetic denervation OR renal denervation) AND (arterial stiffness)"	55
			Total records = 173
Embase	1966 to present	"(Arterial hypertension OR resistant hypertension OR uncontrolled hypertension OR high blood pressure) AND (renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	51
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	0
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity)"	0
		"Renal sympathetic denervation OR renal denervation) AND (arterial stiffness)"	0
			Total records = 51
Cochrane library	1967 to present	"(Arterial hypertension OR resistant hypertension OR uncontrolled hypertension OR high blood pressure) AND (renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	0
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	0
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity)"	0
		"Renal sympathetic denervation OR renal denervation) AND (arterial stiffness)"	280
			Total records = 280
Scopus	From the inception till present	"(Arterial hypertension OR resistant hypertension OR uncontrolled hypertension OR high blood pressure) AND (renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	5
		"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity) AND (response OR responders OR prediction)"	0

	"(Renal sympathetic denervation OR renal denervation) AND (arterial stiffness OR pulse wave velocity)"	0
	"Renal sympathetic denervation OR renal denervation) AND (arterial stiffness)"	0
		Total records = 5
All databases: 509 records		