Figure S1 Flow diagram of participant screening and analysis method in the study. DUS, Doppler ultrasonography; CEUS, contrast-enhanced ultrasound; RAS, renal artery stenosis; DSA, digital subtraction angiography; CTA, computed tomography angiography; PSV, peak systolic velocity.

Table S1 Median values and IQRs corresponding to the basic Doppler parameters

Doppler parameters	The degree of RAS		P value
	≥70%	<70%	
PSV_{main} (cm/s)	301.1 (252.0–354.5)	174.5 (121.0–219.5)	<0.001
PSV_{seg} (cm/s)	33.5 (24.3-43.3)	45.0 (35.0–56.8)	<0.001
PSV_{inter} (cm/s)	25.0 (17.8–30.3)	29.0 (25.0–36.0)	0.002
RAR	4.2 (3.4–5.5)	2.2 (1.5–2.9)	<0.001
RSR	9.2 (6.0–13.4)	3.6 (2.7–4.7)	<0.001
RIR	12.0 (8.9–18.7)	5.2 (3.8–7.3)	<0.001
AO (cm/s)	75.0 (60.8–91.0)		–

IQR, interquartile range; RAS, renal artery stenosis; PSV, peak systolic velocity; PSV_{main}, PSV of the main renal artery; PSV_{seg}, PSV of the segmental renal artery; PSV_{inter}, PSV of the interlobar renal artery; RAR, ratio of the peak velocities in the renal artery and the aorta; RSR, ratio of the peak velocities in the renal artery and the segmental artery; RIR, ratio of the peak velocities in the renal artery and the interlobar artery; AO, aorta.