

Table 2. Effects of Renal Artery Revascularization versus Medical Treatment Alone on Clinical Outcomes

Outcomes	Strength of Evidence	Studies (Participants), <i>n</i>			Conclusions
		Randomized Trials	Other Comparative Studies	Cohort Studies	
Death	Weak	1 (55)	4 (381)	30 (4646)	No large difference in mortality up to about 5 years between revascularization and medical treatment
Kidney function	Acceptable	2 (103)	7 (428)	34 (4916)	No substantial difference in kidney function; improvements in kidney function were reported in cohort studies only among patients receiving revascularization
Blood pressure	Acceptable	2 (103)	8 (597)	34 (4275)	Some evidence that blood pressure may be lowered more after angioplasty than with medical treatment alone, particularly among patients with bilateral disease (range, no difference to 26/10 mm Hg lower after angioplasty); cure of hypertension was reported in cohort studies only among patients receiving revascularization
Cardiovascular events	Weak	1 (55)	1 (52)	3 (560)	No large differences found in comparative studies up to about 4 years
Adverse events	Weak	2 (103)	4 (323)	31 (4906)	Evidence does not support meaningful conclusions about relative adverse events or complications from angioplasty

compared to medical treatment