

**Table S5.** Results of studies of 24 hour ambulatory blood pressure monitoring (none with non-donor controls).

Study	N	Follow-up	Mean 24H	Mean Day	Mean Night	HTN	BP Meds.	Night/Day Systolic	Night/Day Diastolic	Night/Day MAP	Non-Dip
Eberhard (1997) <sup>48</sup>	29	11.1±3.8 years	NA	NA	NA	29%>130/80	17.2%	NA	NA	NA	6.9%
Siebels (2003) <sup>49</sup>	100 <sup>1</sup>	NA	NA	125/80	110/60	7%	NA	NA	NA	NA	NA
Textor (2004) <sup>50</sup>	124 (Normal)	Pre	NA	121/75	108/63	5%>135/85	NA	-13 mm Hg	-11 mm Hg	NA	NA
		6-12 months	NA	120/75	107/61	NA	NA	-14 mm Hg	-14 mm Hg	NA	NA
		24 (HTN)	Pre	NA	142/85	132/80	75%>135/85	70.8%	-19 mm Hg	-15 mm Hg	NA
		6-12 months	NA	125/72	116/68	NA	NA	-17 mm Hg	-12 mm Hg	NA	NA
Goto (2005) <sup>51</sup>	15 <sup>2</sup>	Pre	122/76	125/77	112/70	0%	0%	NA	NA	0.89±0.01	NA
		8 days	125/78	128/80	116/73	0%	0%	NA	NA	0.91±0.02	NA
Prasad (2009) <sup>52</sup>	58 (of 129) <sup>3</sup>	Pre	116/71	121/75	106/64	0%>135/85	0%	0.87±0.07	0.85±0.09	0.86±0.07	32.8%
		6 months	113/70	118/73	103/62	NA	NA	0.87±0.09	0.84±0.09	0.85±0.08	20.7%
Prasad (2010) <sup>53</sup>	35 dippers <sup>3</sup>	Pre	115/71	122/76	101/62	0%>135/85	NA	0.83±0.05	0.82±0.10	NA	0%
		12 months	111/69	119/74	99/61	0%>135/85	NA	0.85±0.09	0.83±0.09	NA	0%
	16 non-dip <sup>3</sup>	Pre	116/70	117/73	112/65	0%>135/85	NA	0.95±0.04	0.95±0.04	NA	100%
		12 months	114/70	116/72	109/65	0%>135/85	NA	0.94±0.07	0.94±0.07	NA	100%

<sup>1</sup>Out of 160 donors from October 1994 to October 200.

<sup>2</sup>Between July 2003 and January 2004, 24 there were kidney donors with 15 consecutive patients who gave consent were enrolled in this study.

<sup>3</sup>Between October 1, 2004 and April 30, 2007 there were 129 consecutive donors

Note: values are means  $\pm$ standard deviations, except for Goto, et al., that reported standard errors.

Abbreviations: HTN, hypertension; BP Meds., antihypertensive medication use; NA, not available.