

# THE LANCET

## Supplementary webappendix

This webappendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Baigent C, Landray MJ, Reith C, et al, on behalf of the SHARP Investigators. The effects of lowering LDL cholesterol with simvastatin plus ezetimibe in patients with chronic kidney disease (Study of Heart and Renal Protection): a randomised placebo-controlled trial. *Lancet* 2011; published online June 9. DOI:10.1016/S0140-6736(11)60739-3.

# **Webappendix for “The effects of lowering LDL cholesterol with simvastatin plus ezetimibe in patients with chronic kidney disease (Study of Heart and Renal Protection): a randomised placebo-controlled trial”**

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Average use of study ezetimibe/simvastatin or non-study statin, and average plasma LDL cholesterol concentrations, by baseline characteristics	1
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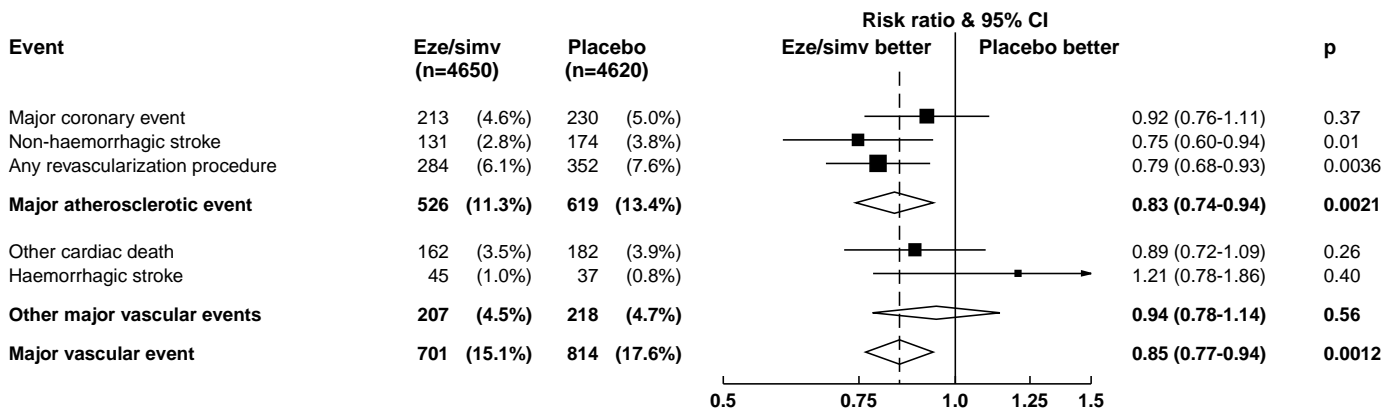
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**Webtable 1: Average use of study ezetimibe/simvastatin or non-study statin, and average change in plasma LDL cholesterol from baseline, by baseline characteristics**

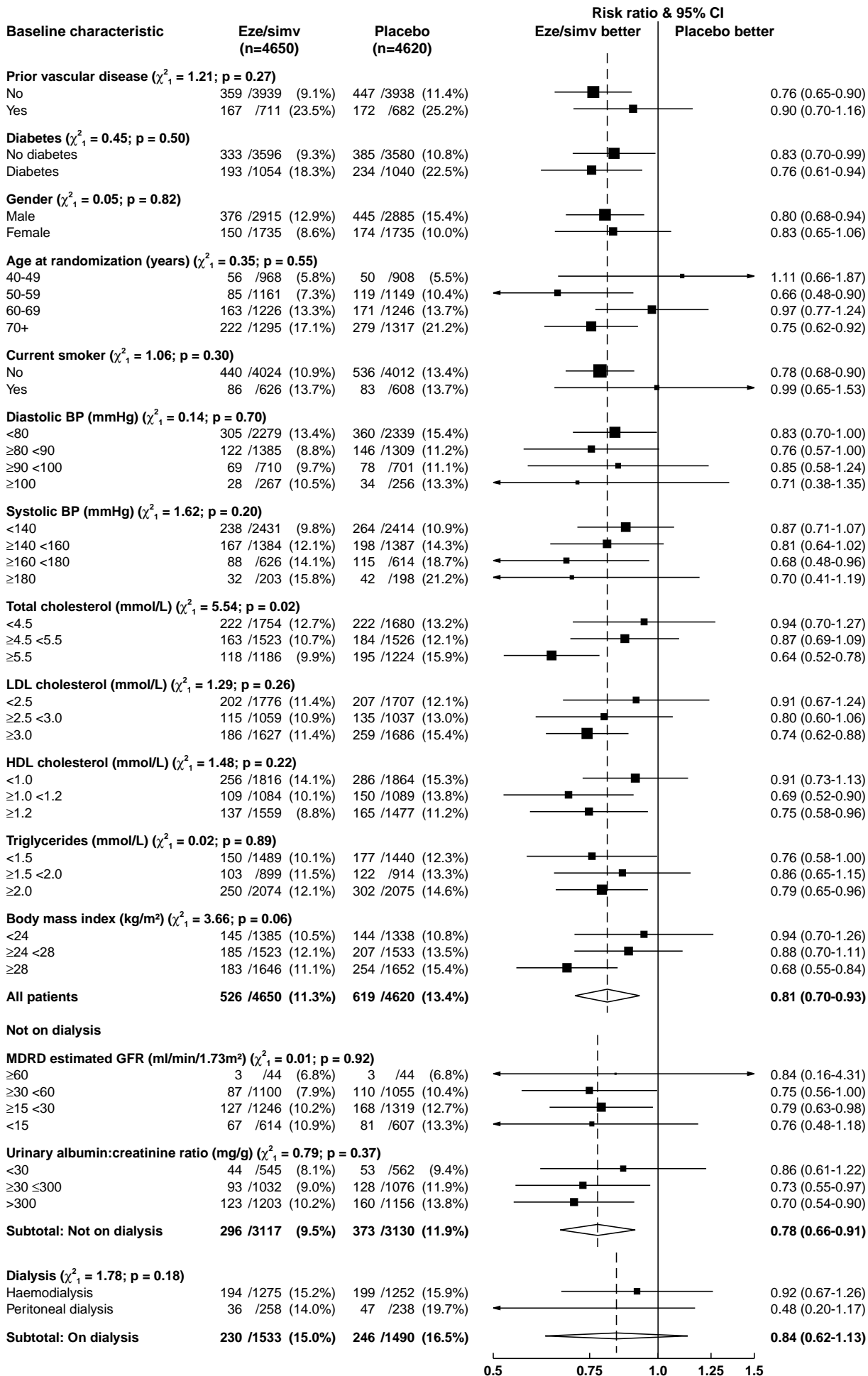
Baseline characteristic	LDL-lowering drug use			LDL difference (mmol/L)		
	Eze/simv	Placebo	Absolute difference	Eze/simv	Placebo	Absolute difference
<b>Prior vascular disease</b>						
Coronary disease	72%	14%	58%	-0.99	-0.13	0.85
Peripheral arterial disease	74%	14%	60%	-1.06	-0.19	0.88
Cerebrovascular disease	69%	7%	63%	-0.98	-0.23	0.75
At least one of the above 3 conditions	71%	11%	59%	-1.01	-0.16	0.85
None	71%	9%	62%	-1.00	-0.15	0.85
<b>Gender</b>						
Male	71%	9%	61%	-0.97	-0.14	0.83
Female	70%	9%	62%	-1.05	-0.17	0.89
<b>Age at randomization (years)</b>						
40-49	69%	7%	61%	-0.81	-0.08	0.73
50-59	67%	8%	59%	-0.99	-0.13	0.86
60-69	73%	11%	61%	-1.07	-0.16	0.90
70+	74%	9%	65%	-1.11	-0.22	0.89
<b>LDL cholesterol (mmol/L)</b>						
<2.5	67%	7%	60%	-0.52	0.12	0.63
≥2.5 <3.0	73%	7%	66%	-0.97	-0.11	0.86
≥3.0	73%	13%	61%	-1.51	-0.44	1.07
<b>HDL cholesterol (mmol/L)</b>						
<1.0	69%	9%	60%	-0.84	-0.08	0.76
≥1.0 <1.2	72%	9%	63%	-1.08	-0.19	0.89
≥1.2	72%	9%	63%	-1.13	-0.22	0.91
<b>Not on dialysis</b>						
<b>MDRD estimated GFR (ml/min/1.73m<sup>2</sup>)</b>						
≥60	76%	0%	76%	-0.89	0.10	0.98
≥30 <60	75%	9%	66%	-1.12	-0.14	0.98
≥15 <30	76%	7%	70%	-1.20	-0.14	1.05
<15	66%	10%	56%	-0.91	-0.19	0.72
<b>Subtotal: Not on dialysis</b>	<b>73%</b>	<b>8%</b>	<b>65%</b>	<b>-1.11</b>	<b>-0.15</b>	<b>0.96</b>
<b>On dialysis</b>						
<b>Dialysis</b>						
Haemodialysis	66%	10%	56%	-0.75	-0.13	0.62
Peritoneal dialysis	57%	17%	41%	-0.79	-0.30	0.49
<b>Subtotal: On dialysis</b>	<b>65%</b>	<b>11%</b>	<b>54%</b>	<b>-0.75</b>	<b>-0.16</b>	<b>0.60</b>
<b>All patients</b>	<b>71%</b>	<b>9%</b>	<b>61%</b>	<b>-1.00</b>	<b>-0.15</b>	<b>0.85</b>

**Webfigure 1: Major vascular events subdivided by type**



Heterogeneity between MAE and other MVE:  $\chi^2_1 = 1.21$  ( $p = 0.27$ )

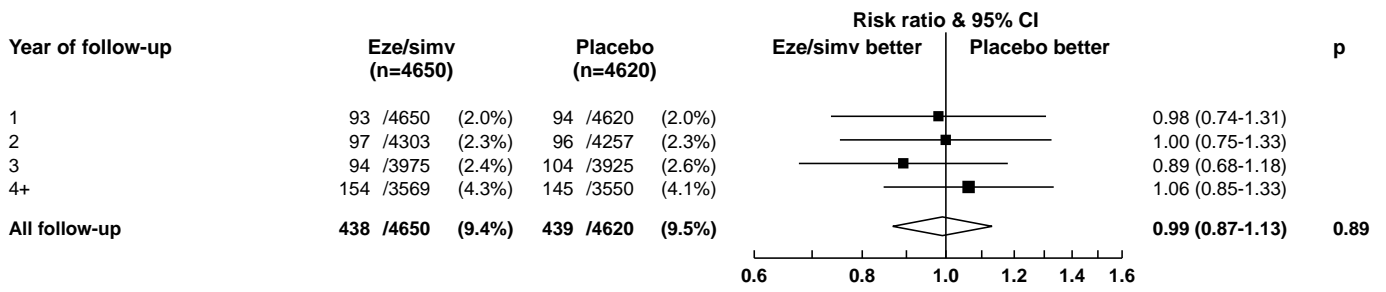
**Webfigure 2: Effects on major atherosclerotic events by baseline characteristics per mmol/L reduction in LDL cholesterol**



Heterogeneity between patients on dialysis and not on dialysis:  $\chi^2_1 = 0.21$  ( $p = 0.65$ )

LDL-weighted rate ratios per 1.0 mmol/L reduction were calculated using the method described by the Cholesterol Treatment Trialists' Collaboration<sup>4,5</sup>, with weights corresponding to the subgroup-specific LDL cholesterol differences at the study midpoint (2.5 years).

**Webfigure 3: Cancer incidence by year of follow-up**



$\chi^2_1$  for trend = 0.12 (p = 0.73)

## Trial organisation

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