



ESOC 2017

3rd European Stroke
Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

Stent-protected Angioplasty in Asymptomatic Carotid Artery Stenosis vs. Endarterectomy compared to best medical treatment



Baseline Characteristics

	CEA (n=203)		CAS (n=197)		BMT (n=113)		Total (n=513)	
sex: male	151	74.4%	143	72.6%	87	77.0%	381	74.3%
age (median)	70	64, 75	70	63, 75	68	64, 74	70	64, 75
side randomised left	105	51.7%	105	53.3%	49	43.4%	259	50.5%
ipsilateral Symptoms >180d	16	7.9%	8	4.1%	5	4.4%	29	5.7%
hypertension	180	88.7%	177	89.8%	102	90.3%	459	89.5%
diabetes mellitus	52	25.6%	59	29.9%	40	35.4%	151	29.4%
coronary heart disease	70	34.5%	72	36.5%	40	35.4%	182	35.5%
hypercholesterolemia	158	77.8%	158	80.2%	91	80.5%	407	79.3%
active smoker	45	22.2%	31	15.7%	24	21.2%	100	19.5%
past smoker	91	44.8%	99	50.3%	67	59.3%	257	50.1%
cholesterol	181	153, 209	173.5	152, 200	169.5	146.5, 192.5	174	151, 203
glucose	103.5	92, 121	104	93, 125	104	92, 119	104	92.5, 122
HbA1c	6	5.7, 6.4	6	5.7, 6.6	5.9	5.6, 7.8	6	5.7, 6.5
HDL	48	40, 62	49	40, 56.6	49	41.5, 57.5	49	41.58
LDL	105	81, 130	98.5	80, 126	97	80, 117	99	80, 123.5
triglyceride	131	98, 182.5	128.5	92, 184	120	91, 181	126.5	94, 182
BMI	27	25, 30	27	25, 30	27	27, 24	27	25, 30
grade of stenosis	80	75, 85	80	75, 85	80	75, 85	80	75, 85



Evaluation of safety in CEA/CAS

Rate of any stroke and death from any cause within 30 days of treatment
 (only in patients randomised to CEA or CAS)

	CEA (n=203)	CAS (n=197)
any stroke	5	5
death	0	0
total	5 (2.5%)	5 (2.5%)

