

Coated Stents: Early Results and Subgroup Analyses (Poster Session)
Georgia World Congress Center, Hall G
Tuesday, March 19, 2002, Noon-2:00 p.m.

Abstract: 1174-19

Citation: Supplement to Journal of the American College of Cardiology, March 6, 2002, Vol. 39, Issue 5, Suppl. A

SCORE Six-Month Angiographic Results: Improved Restenosis in Patients Receiving the QUADDS-QP2 Drug-Eluting Stent Compared With the Control, Bare Stents

Eberhard Grube, **Alexandra J. Lansky**, Nicholas Reifart, Jean Fajadet, Germano DiSciascio, Carlo DiMario, Karl Hauptmann, Antonio Colombo, Roland Bach, Sigmund Silber, for the SCORE Investigators

Cardiovascular Research Foundation, New York, New York, Lenox Hill Heart and Vascular Institute, New York, New York.

Background: The QUADDS-QP2 stent is a 316L stainless steel stent that delivers 4000 ug QP2 (an antiproliferative taxane derivative) from high capacity polymer sleeves. The SCORE trial was stopped early due to higher thrombosis with the QP2 Stent after randomizing 267 of 400 pts with de novo native lesions to a bare metal control stent or the QP2 Stent (available sizes: 3.0 or 3.5mm; 13 or 17 mm long). Methods: We report the quantitative angiographic (QCA) results of the first 260 pts enrolled, with follow-up available in 77% (N=202). Restenosis rates (RS) include thrombosis cases (9.4% QP2 vs 0% Quest). Results: The stent was deployed successfully in all cases. Lesion characteristics were similar at baseline with ACC/AHA class >B1 in 30.9% QP2 vs 33.6% bare stent, p=NS (see table). Follow-up restenosis was reduced by 57%. Conclusion: Despite the safety concerns of high dose QP2 delivered via a high capacity polymer on the QUEST stent, striking reductions in RS are observed within the targeted stent zone, which remains overestimated due to the inclusion of thrombosis cases. Complete adjudicated 6 month data will be presented.

	QUADDS-QP2 N=134	QUEST N=126	p value
Reference, mm	2.92±0.43	3.00±0.48	0.163
Lesion length, mm	11.67±4.62	11.96±4.36	0.603
Final MLD, mm	2.28±0.46	2.28±0.53	0.988
Follow-up Stent MLD, mm	2.31±0.71	1.75±0.79	<0.001
Stent Late Loss, mm	0.35±0.73	0.65±0.71	0.004
Restenosis Stent %	10.1%	36.9%	<0.001
