

PRO-Kinetic

All-Comers «Real World» Registry¹

Vascular Intervention

PRO-Kinetic

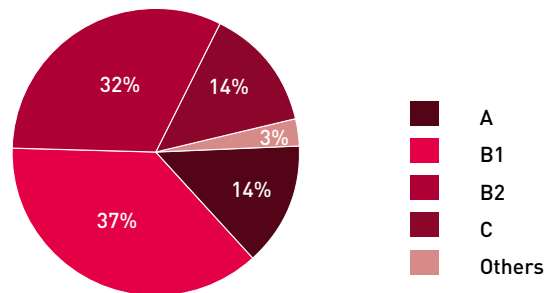
Number of patients	254
Objective	Analyse the clinical outcomes in unselected patients who received a PRO-Kinetic Stent
Study description	Monocentric, retrospective study of unselected, consecutive patients
Stent	PRO-Kinetic Cobalt Chromium Coronary Stent System
Enrolment Dates	January 2006 to March 2007
Principal Investigator	Prof. R. Kornowski (Rabin Medical Center, Israel)

Baseline Demographics

Patients = 254

Age (yrs)	66.2 ± 11.6 [30-95]
Men	186 (73.2 %)
Smoking	58 (22.8 %)
Diabetes mellitus	116 (45.7 %)
Insulin dependent DM	25 (9.8 %)
Hypertension	187 (73.6 %)
Hypercholesterolemia	186 (73.2 %)
Renal failure (Creat. >1.5 mg/dl)	45 (17.7 %)

ACC/AHA Lesion Classification



Clinical Parameters

Patients = 254

Prior angioplasty	107 [42.1 %]
Prior CABG	42 [16.5 %]
Acute Coronary Syndrome	124 [48.8 %]
Total AMI	54 [21.3 %]
STEMI (0-6 h)	15 [5.9 %]
MI (6-24 hours)	39 [15.4 %]
Moderate & Severe LVEF dysfunction	64 [25.2 %]

6-Month Clinical Results

Patients = 254

Cumulative MACE (*)	14 [5.5 %]
Death	6 [2.4 %]
Myocardial infarction	1 [0.4 %]
CABG	2 [0.8 %]
TVR (per patient)	8 [3.1 %]
TLR (per patient)	6 [2.4 %]
Stent thrombosis	0 [0 %]

Procedural Characteristics

Lesions = 264

Lesion length (mm)	10.4 ± 5.3
Total stent length per lesion (mm)	18.8 ± 8.9
Mean stent diameter (mm)	2.9 ± 0.6
Pre-procedure	
Reference vessel diameter (mm)	2.8 ± 0.7
Minimal luminal diameter (mm)	0.52 ± 0.42
Diameter stenosis (%)	87 ± 11.6

Post-procedure

Reference vessel diameter (mm)	3.1 ± 0.7
Minimal luminal diameter (mm)	2.8 ± 0.7
Diameter stenosis (%)	8 ± 5

6-Month Diabetic Subgroup

Patients = 116

Cumulative MACE (*)	10 [8.6 %]
Death	4 [3.4 %]
Myocardial infarction	1 [0.9 %]
TVR (per patient)	6 [5.2 %]
TLR (per patient)	5 [4.3 %]
Stent thrombosis	0 [0 %]

(*) MACE is defined as Death, MI and TLR.

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