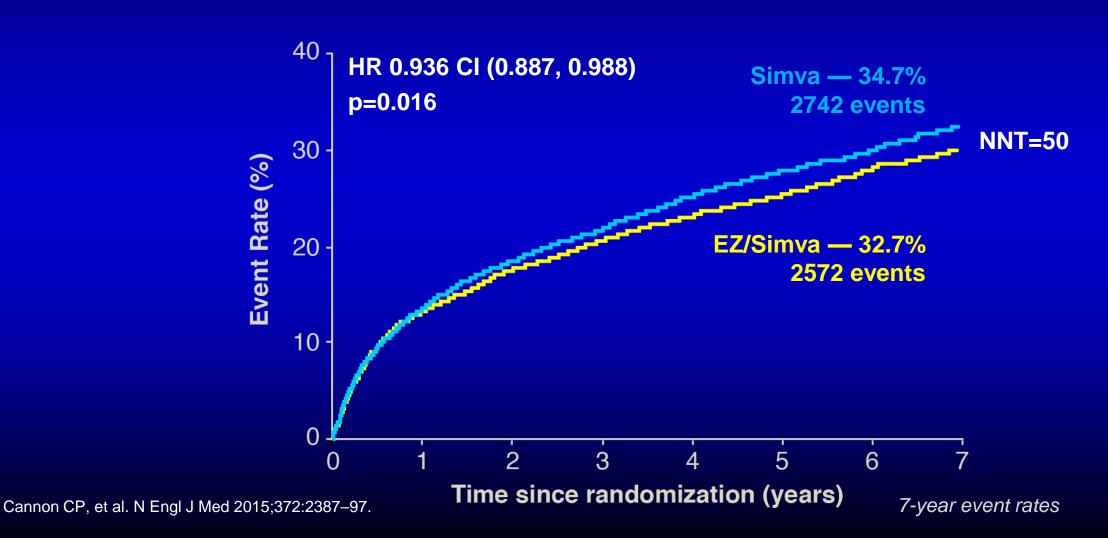


MACE After ACS – Data from IMPROVE-IT

Cardiovascular death, MI, documented unstable angina requiring rehospitalization, coronary revascularization (≥30 days), or stroke



Recurrent Cardiovascular Events after ACS

	FOURIER (Median FU 26 mos)	TRA 2P-TIMI 50 (Median FU 30 mos)	ODYSSEY (Median FU 34 mos)	IMPROVE IT (Median FU 72 mos)
Death from Any Cause	3.1%	5.3%	4.1%	15.3%
CV Death, MI or Stroke	7.4%	10.5%	11.9%	22.2%
Cardiovascular Death	1.7%	3.0%	2.9%	6.8%
Any MI	4.6%	6.1%		14.8%
Non-fatal MI			7.6%	14.4%
Any Stroke	1.9%	2.8%	1.6% (ischemic)	4.8%
Unstable Angina	1.7%		0.6%	1.9%
Urgent Coronary Revascularization	4.0%	2.6%		8.6%



Mechanisms of MACE

Heart Failure

Arrhythmic

Atherothrombotic

Mechanisms of MACE

Heart Failure

Arrhythmic

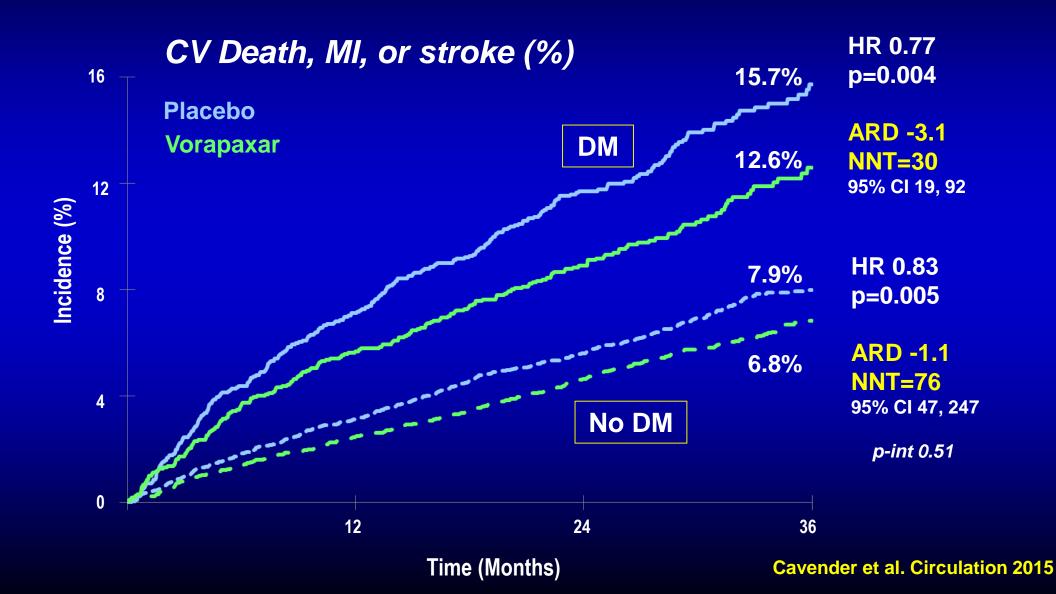
Atherothrombotic

- Diabetics
- PAD and CeVD
- Multivessel, extensive CAD
- CABG
- Patients with multiple events
- Patients with recent ACS
- Patients with index event on APT
- Smokers
- Non revascularized (part nSTE ACS)
- High CRP / Lp(a)
- High Risk Scores

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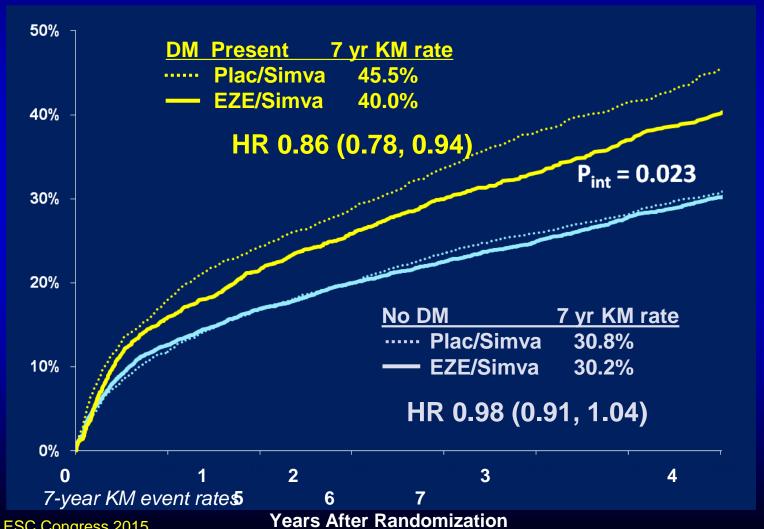
Efficacy of Vorapaxar in Patients w/ Prior MI Based on Diabetes History





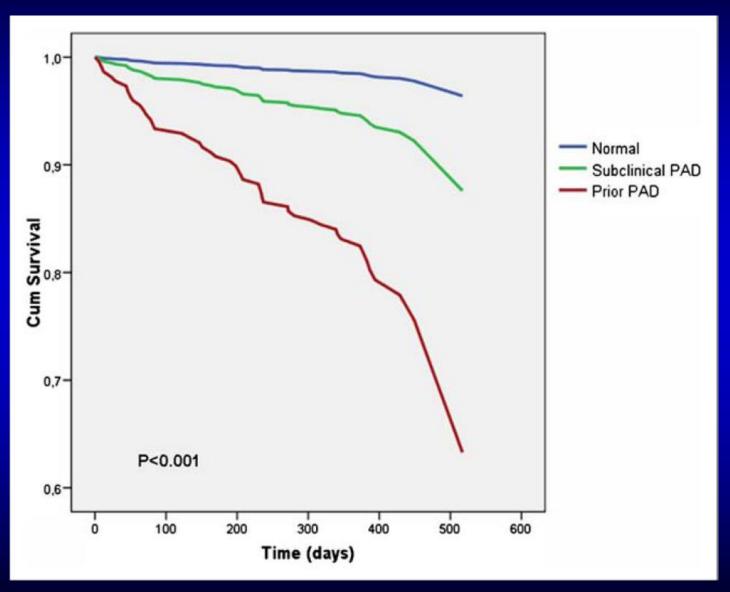
Primary Endpoint — ITT

Cardiovascular death, MI, documented unstable angina requiring rehospitalization, coronary revascularization (≥30 days), or stroke



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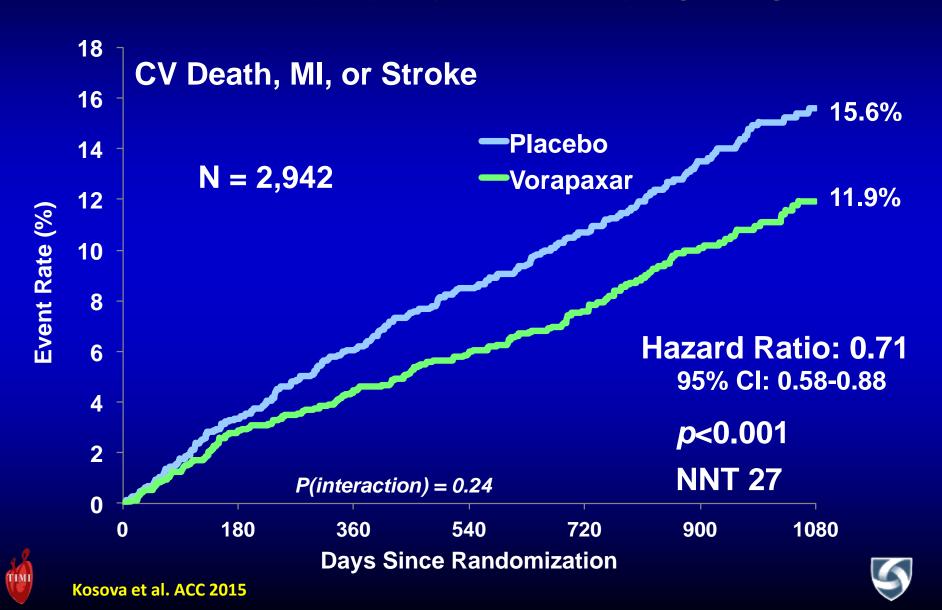
Impact of PAD on Survival After MI



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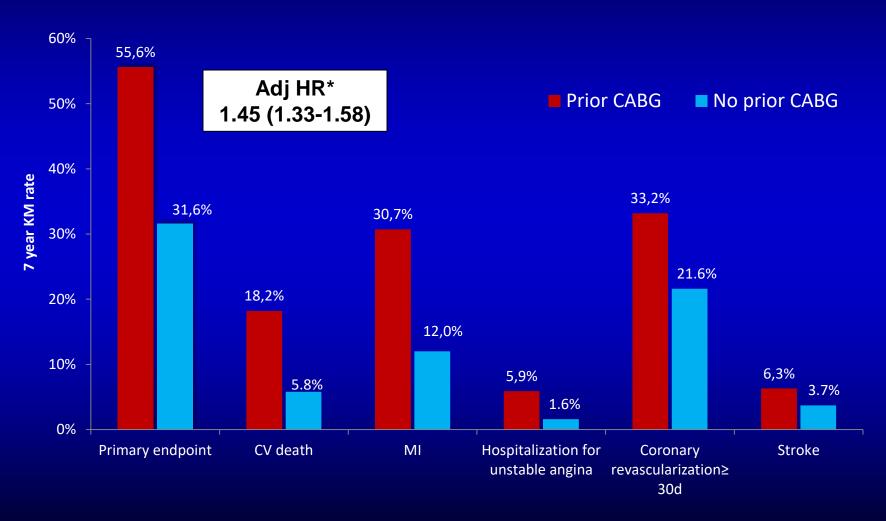


Efficacy of Vorapaxar in Patients with Prior CABG



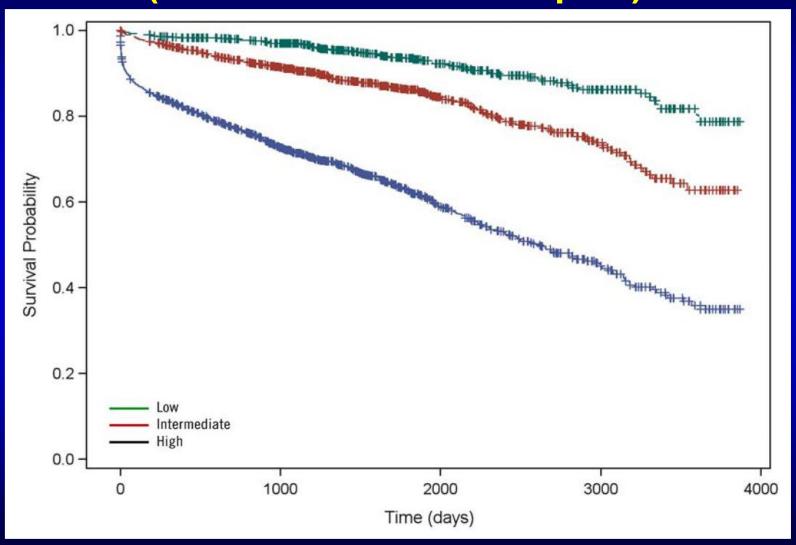


Previous CABG and Incidence of CV death, MI, Stroke, UA with Rehosp, Coronary Revasc

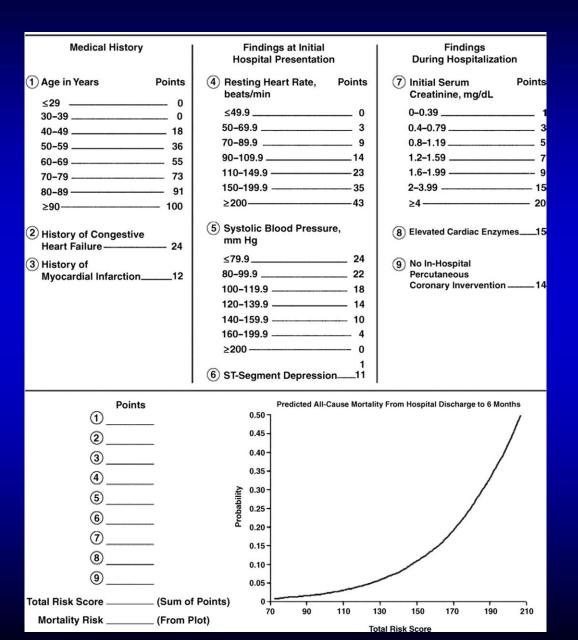


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Survival According to GRACE Score (Score for death in-hospital)



GRACE Score

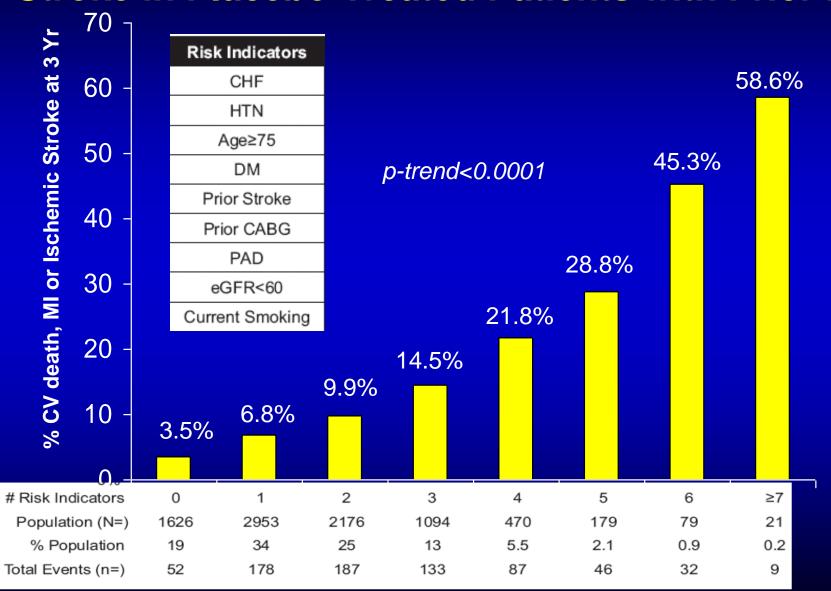




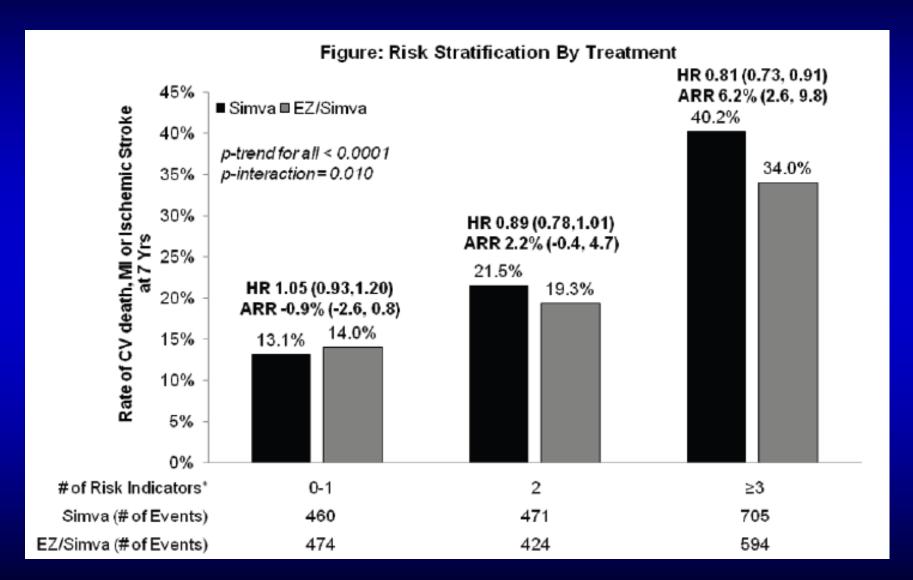
Predicting the risk of events in stable outpatients with atherothrombosis The REACH risk score calculator

Risk score sheet			TOTAL Pts	2 Year Risk	
	KIS	-7 -6	1.1%		
	2 vear (CV death/MI/stroke		-6 -5	1.5%
	Z your				
				-4	1.8%
Step	Factor	Status and Points Assigned	Points	-3 -2	2.1%
		30-39 40-49 50-59 60-69 70-79 80-89		-2 -1	3.1%
1	Age (years)	-4 -2 0 2 4 6		-1	3.1%
		No Yes		1	3.6% 4.3%
2	Smoking				4.3% 5.2%
		0 2		2	
3	Diabetes	No Yes		3	6.2%
3	mellitus	0 3		4	7.3%
	Number of	One Two Three		5	8.7%
4	vascular beds	0 1 3		6	10.3%
				7	12.3%
5	CV event in past	No Yes	The state of	8	14.5%
3	year	0 2	1111	9	17.1%
	Congestive heart	No Yes	1	10	20.1%
6	failure	0 3		11	23.5%
	Turrur			12	27.5%
7	Statin therapy	No Yes		13	31.9%
	Otatil III.	0 -2	11-17	14	36.9%
		No Yes		15	42.4%
8	Aspirin therapy	0 -1	1	16	48.3%
_	TOTAL DOINTS			17	54.6%
9	TOTAL POINTS			18+	> 60%

Risk Stratification of CV Death, MI or Ischemic Stroke in Placebo-Treated Patients with Prior MI

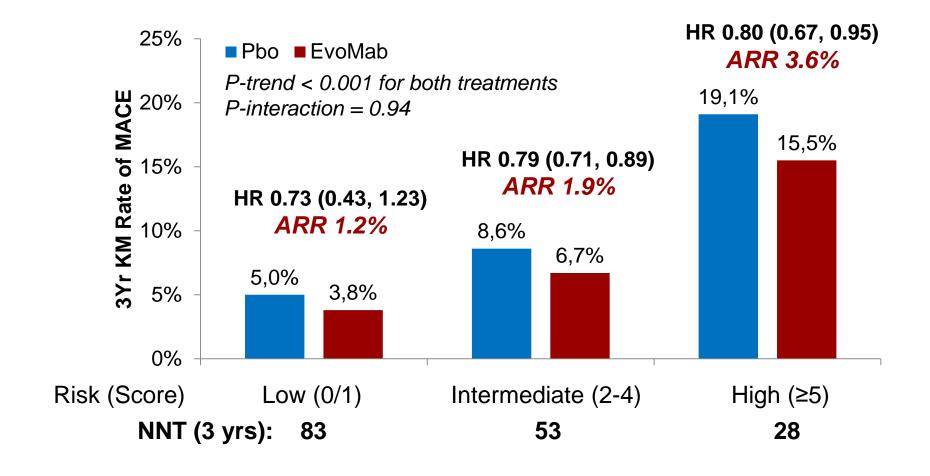


TIMI TRA2P SIHD Risk Score in IMPROVE-IT



MACE by TIMI SIDH Risk Category and Treatment





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High risk patients have a better R/B and C/B ratio

