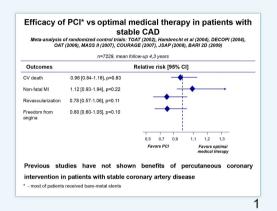
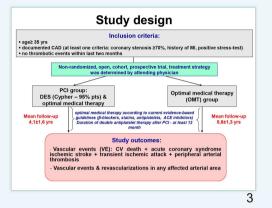
Elective percutaneous coronary intervention does not improve outcomes in patients with stable coronary artery disease (a prospective cohort study)

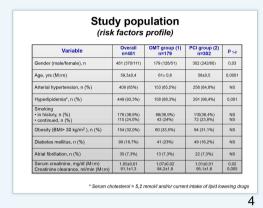
T. Ilyushchenko⁽¹⁾, A. Komarov⁽¹⁾, I. Levitskiy⁽¹⁾, A. Samko⁽¹⁾, O. Shakmatova⁽¹⁾, A. Deev⁽²⁾, E. Panchenko⁽¹⁾ Russian Cardiology Research and Production Center, Moscow, Russian Federation (1) Institute of Preventive Medicine, Moscow, Russian Federation (2)

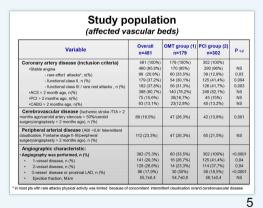
2

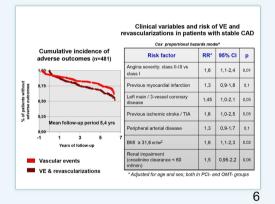


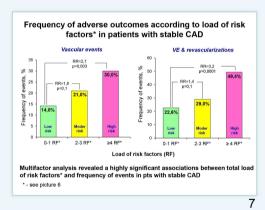
Purpose of the study > to compare the long term efficacy of percutaneous coronary intervention with drug-eluting stents and optimal medical therapy in patients with stable coronary artery disease

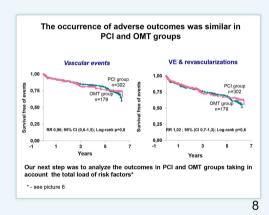




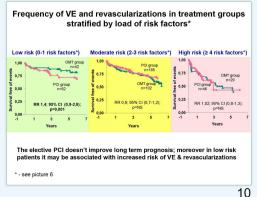








Frequency of vascular events in treatment groups stratified by load of risk factors* Low risk (0-1 risk factors*) Moderate risk (2-3 risk factors*) High risk (2-4 risk factors*)															
Survival free of events	1,00 0,75 0,50 0,25	OMT group 1-42 PCI group n=62 RR 1,6; 95% CI (0,9-2,2); p=0,001				0.75 PCI group n=102 PCI group n=185 0.50 0.50 RR 0.8; 65% CI (0.6-1.2); p=NS					0.00 OMT group m-29 PCI group n-46 n-46 n-46 n-46 n-46 n-46 n-46 n-46				
	-1	1	3 ears	5	7	-4	1	3 Years	5	7	-1	1	3 Years	5	7
The elective PCI doesn't improve long term prognosis; moreover in low risk patients it may be associated with increased risk of vascular events *- see picture 6															



• PCI even with drug-eluting stent implantation doesn't improve long term prognosis in patients with stable CAD • in low risk patients the elective PCI may be associated with increased risk of vascular events and need for revascularizations

Conclusion

For further information or comments: ilyushenko.tat@yandex.ru

Declaration of interest: The authors have declared that no competing interests exist.

9

11