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Simultaneous Combined Endovascular Stenting of the Left Main Coronary Artery (LCA) and Transcatheter Aortic Valve Implantation (TAVI) in a Female Patient at High Risk for Open-Heart Surgery

MISCELLANEOUS
Russian society of interventional cardioangiology. We are 15!
5-th Russian Congress of Interventional Cardioangiology. Information message
Thrombus Management in STEMI Interventions

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Distal embolization and no-reflow are associated with: less angiographic success, reduced myocardial blush, less ST resolution after PPCI, larger enzymatic infarct size, lower left ventricular ejection fraction at discharge and higher long-term mortality in STEMI. We believe that with the use of thrombectomy devices, either by catheter aspiration or mechanical thrombus removal, these shortcomings can be minimized. Given the current lack of formal guidelines for the management of thrombus burden and based on our experience as per the Single INdividual Community Experience Registry (SINCERE) database, we formulated a selective thrombus burden management strategy – the Mehta Strategy for thrombus management.

Key words: ST-elevation myocardial infarction, massive thrombosis, thrombo-aspiration, primary percutaneous coronary intervention.

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Immediate Results of Invasive Strategies in Patients with Acute Coronary Syndrome

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Percutaneous coronary interventions (PCIs) are currently recognized as the most effective treatment options for patients with acute coronary syndrome (ACS). From 2008 to 2012, 496 ACS patients were treated in A.A. Vishnevsky 3rd Central Military Clinical Hospital and 369 subjects out of them underwent PCI. The study results demonstrate that PCI is the highly effective treatment option for patients with acute types of coronary heart disease. The early invasive approach helps to achieve the best immediate results in this subset of patients.

Key words: acute coronary syndrome, percutaneous coronary intervention.

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Modern Methods of Intravascular Visualization – Strategies of Development, Search of New Technologies

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Comparative Evaluation of the Methods of Intravascular Ultrasound (IVUS) and Optical Coherence Tomography (OCT) for Visualizing Intravascular Structures

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References

3. Jeffrey A. Southard etc. The Use of OCT Compared with IVUS. Cath Lab Digest; Vol 20; Issue 3 March 2012.
Neuroendovascular Strategies for Posttraumatic Abdominal Pseudoaneurysms

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Endovascular strategies for cerebral vascular pathology were developed in the second half of XX century. The neurosurgical strategies are known to be usually universal; they may be applied for other pathologies, particularly, for visceral arteries. The authors present clinical cases of neuroendovascular strategies used for posttraumatic abdominal pseudoaneurysms. 

**Key words:** hepatic pseudoaneurysm, splenic pseudoaneurysm, abdominal pseudoaneurysms, embolization, occlusive balloon, microcoils, glues.

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The Results of Uterine Arteries Embolization in Benign Uterine Diseases
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References


