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Intracoronary Imaging, Cholesterol Efflux, and Transcriptomes after Intensive Statin Treatment: The YELLOW II study

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ACCEPTED MANUSCRIPT

Intracoronary Imaging, Cholesterol Efflux, and Transcriptomes after Intensive Statin Treatment: The YELLOW II study

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Running title: OCT cap thickness and cholesterol efflux after statin therapy

Relationships with industry: This research was conducted with support from the Investigator-Sponsored Study Program of AstraZeneca, partial support from Infraredx and Mount Sinai catheterization laboratory endowment funds allocated to Dr. Kini. Dr. Jason Kovacic (a Co-Investigator in this study) received financial compensation as a lecturer for AstraZeneca in 2014 (the study co-sponsor and manufacturer of the drug rosuvastatin being used in the study). Dr. George Dangas' (a Co-Investigator on this study) spouse is Dr. Roxana Mehran, the Director of Interventional Cardiovascular Research and Clinical Trials. Dr. Mehran received financial compensation as a consultant and lecturer for AstraZeneca in 2014. Dr. Pedro Moreno (a Co-Investigator on this study) is a co-Founder of InfraReDx, Inc. and is named under the first patent for LipiScanTM NIR Coronary Imaging System (near infrared spectroscopy, also known as NIRS) marketed by InfraReDx. NIRS imaging technology was utilized in this study intervention. Dr. Moreno also owns equity in InfraReDx in the form of stock options. InfraReDx is a privately funded medical device company that is the only company with an intravascular imaging system that is FDA-approved for the detection of lipid core plaques. Dr. Moreno also receives financial compensation as a speaker for AstraZeneca (the study sponsor and manufacturer of the study drug rosuvastatin).

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