



Ms. Mary Rezk-Hanna is a nurse practitioner and a doctoral candidate at the UCLA School of Nursing. Ms. Rezk-Hanna's primary research interests focus on tobacco-related cardiovascular diseases among young adults. A recipient of the TRDRP dissertation award, Ms. Rezk-Hanna aims to study the acute effects of Hookah (waterpipe) smoking on endothelial and vascular function.

**Articles:**

**[Acute Effect of Hookah Smoking on the Human Coronary Microcirculation](#)**

*Michael D. Nelson, PhD; Mary Rezk-Hanna, NP; Florian Rader, MD, MSc; O'Neil R. Mason, MD; Xiu Tang, BSc; Sarah Shidban; Ryan Rosenberry; Neal L. Benowitz, MD; Donald P. Tashkin, MD; Robert M. Elashoff, PhD; Jonathan R. Lindner, MD; Ronald G. Victor, MD.*  
*doi:10.1016/j.amjcard.2016.03.007*

Our study shows that hookah smoking does not acutely impair myocardial perfusion in young adults who only smoke hookah, but rather increases myocardial perfusion, similar to that observed with cigarette smoking.

**[Hookah smoking among young adults in southern California](#)**

*Rezk-Hanna M., Macabasco-O'Connell A, Woo M. Nurs Res. 2014 Jul-Aug;63(4):300-6. doi: 10.1097/NNR*

**[Acute cardiovascular toxicity of hookah \(waterpipe\) smoking versus perceived risk](#)**

*Mary Rezk-Hanna, Michael D. Nelson, Florian Rader, O'Neil Mason, Shomari Hogan, Ryan Rosenberry, Avery Schwartz, Donald P. Tashkin, Robert Elashoff, and Ronald G. Victor.*  
*doi:10.1016/j.jash.2015.03.224*