## O la Re ea cl' De le fRe e Ad a ced E ec ca da a l' f I ed Ca da a ca Ra A e le la Ca ee Faefa l'e

Brett A. Dolezal, PhD,<sup>1</sup> Marlon Abrazado, MS,<sup>1</sup> Maxim A. Batalin, PhD,<sup>2</sup> Denise Smith, PhD,<sup>3</sup> and Christopher B. Cooper, MD<sup>1</sup>

<sup>1</sup>Exercise Physiology Research Laboratory, Departments of Medicine and Physiology, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California. <sup>2</sup>Wireless Health Institute, Henry Samueli School of Engineering and Applied Sciences, Los Angeles, California. <sup>3</sup>First Responder Health and Safety Laboratory, Department of Health and Exercise Sciences, Skidmore College, Saratoga Springs, New York.

## Α . . . . .

Introduction:conditions. These factors can precipitate sudden cardiac events in fire-fighters with underlying cardiovascular disease. The purpose of this pilot study was to deploy and explore the feasibility of the resting "advanced" 12-lead electrocardiogram (A-ECG) as a remote firefighter risk assessment tool for improved assessment of cardiac risk. recording, generating A-ECG "scores" in a blinded fashion. A separate