



Uniformed Services University

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Media Advisory

USU conducts first Total Intravenous Anesthesia Technology Review

Bethesda, Md. – Optimizing Total Intravenous Anesthesia for military use is the subject of the First Uniformed Services University of the Health Sciences Total IV Anesthesia Technology Review scheduled for Feb. 5 and 6 here.

TIVA has a long history of successful and effective use in austere environments by other countries, and despite its widespread use and advantages, the technique has been largely ignored in the United States, said U.S. Army Capt. (Dr.) Ian Black, conference co-director who is a research fellow at Walter Reed Army Institute of Research and a staff anesthesiologist at WR Army Medical Center.

He explains that TIVA is particularly well-suited for military use because of its versatility and smaller logistical footprint. “Our objective is to develop the capability of the U.S. Army to deliver TIVA so it can take advantage of the unique properties of intravenous agents. TIVA’s advantages would allow for safe and effective anesthesia using delivery systems small enough to fit in a backpack, and with the capability of remote monitoring and control,” Doctor Black said.

The technology review panel will conduct further systematic investigation on the requirements for military use.

A planned annual event, the two-day review is sponsored by the USU Department of Anesthesiology and the Telemedicine and Advanced Technology Research Center at Fort Dietrich in Frederick, Md. Location of the conference is the Small Dining Room in Building B of USU. A variety of displays will be available.

NOTE: Media representatives who are interested in attending this event should call Capt. (Dr.) Ian Black at (301) 319-7154.