EME sets higher standards in TCD

When NASA decided to carry out transcranial Doppler examinations (TCD) on the “Discovery” Space Shuttle in Spring (1989), they set the highest standards on the instrumentation they used. It had to provide precise and reproducible data under less than ideal conditions, travelling almost 2.8 million miles in five days. Ease of operation, portability and — above all — reliability were the qualities which made NASA select EME’s TC2-64 Transcranial Doppler following extensive testing. After all, when it costs 350 million dollars to get your patient on the examination couch you can’t afford to be let down by second-rate equipment!

Having developed and constructed the world’s first TCD equipment, EME were able to put their unique seven years experience at the disposal of the “Discovery” mission and to assist in the post-processing of the data obtained from the five astronauts during five days of weightlessness. It is hoped that this information will shed light on the role of cerebrovascular changes in space adaptation syndrome. “Everything functioned perfectly!” commented mission specialist, Dr. James Bagian on his return to earth. So pleased were the astronauts and scientists at NASA, that the TC2-64 was approved to be on the “Atlantis” space mission in the fall, making the world’s number one TCD system not only the first — but also the second — in space.

EME is proud to be part of NASA’s scientific space missions. But also equally proud to be providing the same high standards of accuracy, reproducibility and reliability to the practicing physicians on ‘terra firma’.

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The American Heart Association (AHA) (Dallas, TX) has a staff position open for a Director, Science Division. Responsibilities for this individual will include managing the review and approval for medical/scientific statements, providing technical/scientific consultation on research matters, monitoring scientific developments in cardiovascular medicine, determining science accuracy of AHA educational and media materials by reviewing and assisting in their writing and revision. This individual will also act as deputy for the Sr. Vice President, Scientific Affairs for delegated functions and absences. In all the foregoing responsibilities a prime requirement is the capacity to communicate and negotiate issues with medical-scientific volunteers both in clinical and basic science disciplines.

The candidate must have knowledge of the science of cardiovascular disease, biomedical science research knowledge, and the ability to read, understand, integrate and summarize science literature. **An M.D. is strongly preferred.** Salary will be commensurate with experience. Please send curriculum vitae, the names of three references and salary history to: American Heart Association National Center, Attention: National Center Staffing Manager (SD), 7320 Greenville Avenue, Dallas, TX 75231. Applications should be received ASAP. The American Heart Association is an Equal Opportunity Employer.

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