

Contact: Jean Friedrich

UNIVERSITY OF IOWA – EQUIPMENT PURCHASE

Action Requested: Consider approval of the equipment purchase of a 64 slice CT scanner system at an estimated cost of \$1,459,637.

Executive Summary: The University of Iowa Hospitals and Clinics (UIHC) requests approval to proceed with the purchase of a 64 slice CT scanner from Siemens Medical Solutions USA, Inc.

Description of Equipment

The 64 slice CT scanner is equipped with advanced cardiac capabilities enabling UIHC physicians to noninvasively evaluate patients with cardiovascular disease as well as individuals with symptoms such as acute chest pain and high risk individuals with multiple cardiac risk factors. The scanner will make it possible to detect or rule out aortic dissection, pulmonary embolism and acute coronary syndromes within a single, noninvasive investigation and to influence the admission, treatment, and outcomes for patients by permitting rapid appropriate surgical or medical services. The speed and detail of the 64-slice cardiac CT scanner will reduce the requirement for anesthesia and deep sedation usually required for children undergoing imaging procedures. The scanner will be located in Diagnostic Radiology on the 3rd floor of John Colloton Pavilion.

Justification of need for Equipment

The CT scanner will improve patient care at the UIHC, favorably impact length-of-stay, and enhance the treatment of cardiology and vascular pathology cases. Although the cardiac CT focuses on cardiac imaging, this system is also capable of performing general non-cardiac scans that will help support the ever-increasing requirements for CT scans at the UIHC.

Any Known Alternatives to the Equipment Proposed

The CT scanner would be purchased from Siemens Medical Solutions. The UIHC has a contract with Siemens that was executed after a competitive bidding process involving eight vendors resulted in a five year “Strategic Alliance” for purchase of imaging equipment. This purchasing agreement provides the UIHC with extremely competitive pricing and other benefits.

Estimated Cost and Source of Funding

The estimated cost of the scanner is \$1,459,637, and the source of funding for this purchase will be UIHC funds for capital equipment acquisition during FY 2006.

Board Policy

Chapter 7.05B(12) of the Regent Policy Manual requires that:

- Equipment costing more than \$1,000,000 must be submitted to the Board for approval; and
- Requests submitted to the Board Office for approval must include the following information:
 - Description of the equipment;
 - Justification of the need for the equipment;
 - Any known alternatives to the equipment proposed; and
 - Estimated cost and source of funding.