



All India Institute of Medical Sciences Jodhpur

Admn/Prop/37/2020-AIIMS.JDH

Dated: 30th September 2020

Subject: Purchase of Spinal Thoracic Epidural Simulator for the department of Anesthesiology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Spinal Thoracic Epidural Simulator for the department of Anesthesiology at AIIMS, Jodhpur from M/s CAE Healthcare, 6300 Edgelake Drive Sarasota, PL 34240, USA on proprietary basis. The proposal submitted by M/s CAE Healthcare, USA and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/37/2020-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 21st October 2020 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

Administrative Officer

Enclosed: Related documents enclosed.



All India Institute of Medical Sciences Jodhpur



CAE Healthcare
6300 Edgelake Drive
Sarasota, FL 34240
USA

Tel: +1 941-377-5562
caehealthcare.com

PROPRIETARY CERTIFICATE

TO WHOM SO IT MAY CONCERN

Dated: 03rd June, 2020

This document serves to certify that CAE Healthcare, Inc. is the sole manufacturer/distributor of the Blue Phantom Ultrasound Models - Spinal Epidural, Lumbar Puncture and Thoracic Epidural Training Model & Obese Lumbar Epidural and Lumbar Puncture Replacement Tissue Includes by CAE Healthcare is proprietary in the nature because of its features- including but not limited to Simulex tissue material that is ultra-durable and offers extremely human- like realistic imaging characteristics plus longer life for teaching and training, and no other manufacturer in the world legally able to sell or produce Blue Phantom Ultrasound Simulator Models. Please refer to US Patent No. 7,225,565 patented on Aug. 14, 2007.

Should you have any questions or need further clarification, please feel free to contact the undersigned at your convenience.

For CAE HEALTHCARE

Sincerely,

Theresa Hoegstrom

Contract Administrator

CAE Healthcare, Inc.



Dr. Pradheep Bhatia
Professor & Head
Dept. of Pathology & Critical Care
All India Institute of Medical Sciences
Jodhpur-342 005, Rajasthan, India



Technical Specification for Spinal Thoracic Epidural Simulator

- For lumbar puncture, lumbar epidural and thoracic epidural procedures.
- For blind insertion techniques or using ultrasound for guided lumbar puncture and spinal epidural procedures
- For needle access as well as the placement of catheters
- Should be possible to position in the upright or lateral decubitus position allowing users to accurately position the model for appropriate training scenarios
- Palpation of External landmarks as the iliac crests and spinous processes should be possible.
- The accessory obese spinal insert should provide more adipose tissue disallowing the palpation of the spinal processes
- Anatomically correct model should include the mid thoracic spinal segment, skin tissue, ligamentum flavum, epidural space, dura, subarachnoid membrane, and subarachnoid space containing cerebral spinal fluid
- Should be able to utilize for full procedural training including injecting local anaesthetics, introduce the needle to the epidural space and/or subarachnoid space, thread catheters & infuse simulated anaesthetics
- Increasing the cerebral spinal fluid pressures should be possible to simulate pathological scenarios during lumbar puncture procedures
- Ultrasound use should be possible for identification of the optimal insertion points, angle of needle insertion, and determination of the depth to the ligamentum flavum, epidural space, and spinal cistern
- Should have ultra-durable self-healing tissue is extremely realistic in ultrasound imaging characteristics and feels like real human tissue.
- Soft part should be capable of at least 1000 procedures/pricks

Dr. Pradeep Bhatia
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