



All India Institute of Medical Sciences Jodhpur

Admn/Prop/21/2021-AIIMS.JDH

Dated: 08th June 2021

Subject: Purchase of Minimally Invasive Cardiac Output Monitor for the department of Anesthesiology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Minimally Invasive Cardiac Output Monitor for the department of Anesthesiology at AIIMS, Jodhpur from M/s Bio-Si International s.r.l, Borgo Pinit 86- 50121, Firenze on proprietary basis. The proposal submitted by M/s Bio-Si International s.r.l, Firenze 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/21/2021-AIIMS.JDH. The comments should be received by office of Deputy Director (Admin), Medical College at AIIMS, Jodhpur on or before 29th June 2021 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,

Deputy Director (Admin)

Enclosed: Related documents enclosed.



All India Institute of Medical Sciences Jodhpur



Bio-Si International s.r.l.

Borgo Pinti 86 - 50121 Firenze
p.iva.c.fisc 05409960480
fax- 055 360294; Mail - info@bio-si.it

Florence, 4th June 2018

To whom it may concern

We, Bio-Si International srl, an Italian company with registered office in Via Borgo Pinti 86 - 50121 Florence (Italy), whereas:

- BioSi is the owner of the rights on the Trade Mark MostCare and for the use of the patents covering the algorithm and the software of the Hemodynamic Monitor MostCare;
- BioSi uses the above mentioned rights to produce and sell the MostCare range of products;
- BioSi signed an agreement with Vygon SA, 5 rue Adeline, 95440 Ecoeu (France) for the distribution of MostCare range of products;

now therefore, BioSi hereby declares that Vygon SA has the exclusive right of selling the MostCare range of products in INDIA directly or through its distribution network.

Sincerely,

Paola Bargelli
Bio-Si International Srl
Legal Representative
Bio-Si International s.r.l.

Swik

Rakesh Kumar

Pradeep

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Pradeep

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



Department of Anaesthesiology & Critical Care
All India Institute of Medical Sciences (AIIMS), Jodhpur

Minimally Invasive Cardiac Output Monitor- (On Propriety Basis)

- It should monitor real-time and beat to beat hemodynamic change in the patient.
- It should evaluate cardiac output and many other Hemodynamic parameters without any prior calibrations.
- It should have immediate customizable interface to display a broad set of information regarding preload and post load cardiac contractility and efficiency.
- It should support advance communication and data transmission standards. Patient parameters and freezers –frame saved to machine memory or exported via USB port .
- It should be Useful for neonatal age group also.
- It should give Real time CVP for Preload and SVR.
- Data transfer to the hospital platform using HL7 protocol should be possible.
- Should be compatible with any pressure transducer.
- It should have Large Color LED Display.
- Following hemodynamic Variables should be displayed:
 - Systolic pressure
 - Diastolic Pressure
 - Mean Arterial Pressure
 - Dicrotic Pressure
 - Pulse pressure
 - Mean and Dicrotic Pressure difference
 - Central Venous Pressure.
 - Stroke volume
 - Stroke Volume Index
 - Weighted stroke volume
 - Cardiac output
 - Systemic vascular Resistance
 - Arterial oxygen Saturation
 - Oxygen Delivery
 - Oxygen delivery Index
 - DP/dt
 - Cardiac Cycle efficiency
 - Cardiac Power
 - Cardiac Power Index
 - Arterial Elastance

Idc

Swati

Rakesh Kumar

Dr. Pradeep Bhatia

डॉ. अंजन त्रिखा / Dr. Anjan Tripathi
अचार्य / Professor
सर्वेदनाहरणविज्ञान, पीढ़ा विज्ञाना संघ, एन.ए.आर. जयपुर विभाग
Dept. of Anaesthesiology, Critical Care & Intensive Care
अ.आ.आ.सं. जयपुर विभाग / Jodhpur

Dr. Pradeep Bhatia
Professor & Head
Department of Anaesthesiology & Critical Care
All India Institute of Medical Sciences
Jodhpur, Rajasthan-342005



All India Institute of Medical Sciences Jodhpur



Department of Anaesthesiology & Critical Care All India Institute of Medical Sciences (AIIMS), Jodhpur

- Dynamic Elastance
- Cardiovascular Impedance
- Pulse Pressure Variation
- Stroke Volume Variation
- Systolic Pressure Variation
- Diastolic Pressures Variation
- Pulse Rate
- Diastolic Peak

Dr. Pradeep Bhatia
Professor and Head

Dr. Manoj Kamal

Dr. Sadik Mohammed

Dr. Rakesh Kumar

Dr. Anjan Trikha / Dr. Anjan Trikha
External Expert
आचार्य / Professor

Dr. Nikhil Kothari

Dr. Bharat Paliwal

Dr. Arvind Sinha
Medical Superintendent

Dr. Shilpa Goyal

Dr. Swati Chhabra