



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR**

Admn/Prop/60/2019-AIIMS.JDH

Dated: -29th November 2019

Subject: Purchase of DEXA Scanner for the department of Endocrinology and Metabolism at AIIMS, Jodhpur on proprietary basis-

Inviting comments thereon.

The Institute is in the process to DEXA Scanner for the department of Endocrinology and Metabolism at AIIMS, Jodhpur from M/s Hologic N.V, The Corporate Village Building Caprese, 8th Floor, Da Vincilaan 5, 1935 Zaventem, Belgium, Brussel on proprietary basis. The proposal submitted by M/s Hologic N.V, Brussel 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/60/2019-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 20th December 2019 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.

Administrative Officer

Enclosed: Related documents enclosed.



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HOLOGIC®

Proprietary Article Certificate (PAC)

November 27, 2019

Dear Sir,

We hereby confirm and certify the Bone Mineral Densitometer (BMD) system "Horizon A" offered by M/s. Hologic, Inc., has unique features, which are not offered by any other Bone Mineral Densitometer system available in the market today.

The system "Horizon A" has the following unique features:

- ✓ Supine lateral BMD and vertebral fracture assessment for optical diagnostic sensitivity
- ✓ SE femur for detection of incomplete atypical femur fracture
- ✓ 216 multi element high-resolution digital detector array
- ✓ Motorized table and rotating c-arm

Hence, the bone mineral densitometer system with the above unique features is the proprietary product of Hologic.

Yours Sincerely,

Michelangelo F. Stefani

Authorized Representative

250 Campus Drive, Marlborough, MA 01752 USA | +1.508.263.2900 | Hologic.com



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Letter regarding distributor appointment

18.10.2019

We, **Hologic Inc**, with registered office located at 250, Campus Drive
Marlborough, Massachusetts, 01752, USA, legal manufacturers of
Digital Mammography, Bone Densitometry Products and Breast Biopsy Devices, hereby
declare that:

ADS Medical Systems (A Unit of ADS Diagnostic Ltd.)

114, Sant Nagar, East of Kailash,

New Delhi – 110065

India

pursuant to and time existence of a Distribution Agreement, valid from **1 October 2019 to until 30 September 2020** for the Territory of India, or until revocation of the present, is authorized in its own name and responsibility to distribute, promote, sell and service the following Skeletal Health and Breast Health products:

- Analog and Digital Mammography products
- Bone Densitometer products
- Breast Biopsy devices

250 Campus Drive, Marlborough, MA 01752 USA | +1.508.263.2900 | Hologic.com

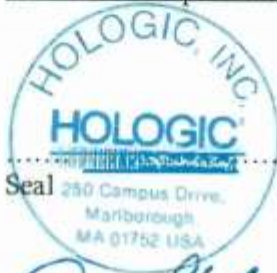


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ADS Medical Systems (A unit of ADS Diagnostic Ltd.) acts as an independent contractor and has sole responsibility of its actions.

Hologic, Inc.
Michelangelo F. Stefani
Authorized Representative



M. Stefani
.....
AUTHORISED SIGNATORY OF FIRM

[Handwritten signature]
[Handwritten initials] *[Handwritten initials]*

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Technical Specifications for Dual Energy X Ray Absorptiometry (DEXA)

Scanner Hardware and Acquisition Technology

- i. OnePass Acquisition Technique; Multi-Detector Array Scanning Method
- ii. 216 Multi element High-resolution Digital Detector Array.
- iii. High Frequency X-ray Generator
- iv. X-ray System Switched-pulse dual-energy
- v. Indexing Scan Table with Positioning Accessories
- vi. Motorized Table and Rotating C-arm
- vii. Dynamic Internal Reference System for Continuous Calibration
- viii. Computer Console.

Quality Assurance

- i. Automatic PASS/FAIL Quality Control
- ii. Express BMD in 10-15 Second Acquisition
- iii. Single Energy Scan Display Capability
- iv. Window/Level Control for Image Optimization
- v. Express Exam Workflow Management
- vi. OneTime Auto Analysis with Histogram
- vii. ProTech with DXApro
- viii. Auto Hip Positioning
- ix. Reposition/Rescan Feature
- x. Automatic Scan Comparison for Serial Exams
- xi. Least Significant Change Configuration
- xii. Automatic calibration.
- xiii. Automatic quality control program with multiple system checks.

Radiation Dose


- i. < 0.10 mGy

Clinical Applications

- i. AP Lumbar Spine with Automatic Low Density Analysis and Scoliosis Analysis
- ii. Supine Lateral Spine with Baseline Compensation
- iii. Proximal Femur, Automatic Low Density Analysis and Hip
- iv. Structure Analysis (HSA) Feature
- v. Dual Hip Feature
- vi. Forearm
- vii. Whole Body BMD
-Advanced Body Composition™ Analysis with InnerCore
-Visceral Fat Assessment.
- viii. IVA HD with Image Pro High Resolution Imaging Capability
-Quantitative Morphometry
-Integrated Physicians Viewer™ with MXApro™ Feature
- ix. A typical Femur Fracture Assessment (AFF) High Resolution Imaging Capability
- ix. Pediatric Analysis for Spine, Femur and Forearm
- x. Pediatric Whole Body with Body Composition Assessment

Connectivity/Reporting Tools

- i. Report with Rate of Change Assessment
- ii. FRAX® 10 Year Fracture Assessment
- iii. Dual Hip™ Report
- iv. Integrated Physicians Report Writer™ DX Feature


DR. RAJESH KHADGAWAT
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Dr. Mahendra Kumar Garg
Professor & Head
Department of Medicine
All India Institute of Medical Sciences, Jodhpur



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Reference Data

- Reference Date m > 18000
- Default NHANES III Standardized database
- Age, Sex and Ethnic matched reference data

Computer Hardware

- Computer Workstation with Dual Core 3 GHz
- Windows® 7 Professional
- 1 TB hard drive
- 4 GB RAM
- DVD RAM drive.
- 19" Widescreen LCD Monitor
- Colour laser printer
- Online 3 KVA UPS with minimum 30 minutes battery backup.

TBS ~~Insight~~ Software

Software for TBS (Single License) with calibration Phantom with hardware and software compatible for TBS with DICOM option for TBS. TBS ~~Insight~~ ^{Weight} is an advanced, imaging software for bone densitometer, is the unique software that allows bone micro architecture evaluation from bone densitometry examinations. How does this help in clinical setting? *Q P*

Warranty

- Standard 5 Years Warranty. This will cover all the items including DEXA, UPS, computers, software etc. After the warranty is over, CAMC for next 5 years on AIIMS terms and conditions to be submitted by vendor.

External Technical Expert

- OR*
- Dr Nikhil Tandon - AIIMS, Delhi
 - Dr Rajesh Khadgawat - AIIMS Delhi

Rajesh Khadgawat
DR. RAJESH KHADGAWAT
Professor
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