

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29.
STORES SECTION (DO)

Ref. No. 32/Stores(DO)/Physio/PAC/2019-20/FSC Dated-29/11/2019

Sub:- Purchase of "New York Impactor Device - 01." for the Department of Physiology at AIIMS, New Delhi-110029, on proprietary basis Inviting comments thereon.

The Institute is in the process to purchase "New York Impactor Device - 01. at AIIMS, New Delhi from M/s. Rutgers, USA. The PAC Certifications by M/s. Rutgers, USA as well as the user department are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 day from the date of issue/uploading of the notification giving reference No. 32/Stores(DO)/Physio/PAC/2019-20/FSC. The comments should be received in office of Stores Officer (FSC), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before 20/12/2019 upto 12.30 p.m. 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,


SR. STORES OFFICER (DO)

Encl: Related documents enclosed.

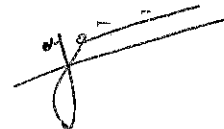
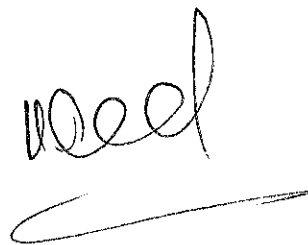
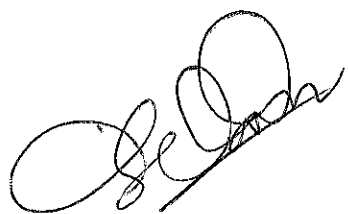
SPECIFICATION FOR NEW YORK IMPACTOR DEVICE

This material is a proprietary. Only New Jersey University make this device.

Cost approximately: 14 lacs

The equipment should

1. be able to produce contusion injury in rats and mice.
2. have a clamp for fixing rat and mouse spine
3. have two potentiometer system with automated sensor.
4. have a vertebral column sensor.
5. have one 10gm, 2 mm diameter rod which can drop from different heights (6.25, 12.5, 25 and 50 mm).
6. display all the drop parameters, like velocity, height ,errors in a digital format and should be portable to excel (.xls) format.
7. have software compatible with windows 10
8. provide desktop branded computer (i7, 1 TB hard drive, 4 GB RAM, USB ports and CD writer) and laser printer colored.
9. Appropriate UPS .
10. 5 years warranty as per AIIMS norms.
11. It should be ISO/CE certified.



May 24, 2018

Prof. Suman Jain
Department of physiology
All India Institute of Medical Sciences
New Delhi

I am writing this letter to confirm that the Custom Spinal Cord Impactor Device (Model III) and its associated Clamping System are designed and manufactured at W.M. Keck Center for Collaborative Neuroscience, Rutgers, The State University of New Jersey. All Impactor and accessories are proprietary items and sold directly by W.M. Keck Center for Collaborative Neuroscience.

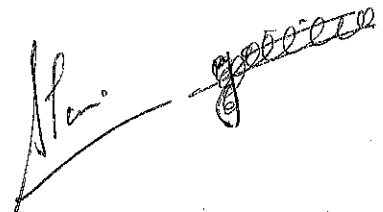
Custom Spinal Cord Impactor Device (Model III) is a device designed to deliver graded reproducible spinal cord contusions in rodent. Developed over twenty years ago, the Impactor is part of a well-defined rodent spinal cord contusion model that is used in over 150 laboratories around the world. Most of the recommended procedures for the Impactor are based on experience with the model and work done by the Multicenter Animal Spinal Cord Injury Study (MASCIS). The Impactor is now in its third generation with many improvements over previous models.

Should you have any question regarding these issues, please feel free to contact me directly.

Sincerely,



Dongming Sun, M.D., Ph.D.
Assistant Research Professor & Assistant Director
W. M. Keck Center for Collaborative Neuroscience
Rutgers, The State University of New Jersey
604 Allison Rd, D-251, Piscataway, NJ 08854-8082
Tel: (848) 445-1832, Fax: (732) 445-2063



RUTGERS

W.M. Keck Center for
Collaborative Neuroscience

W.M. Keck Center for Collaborative
Neuroscience
Rutgers, The State University of New Jersey
604 Allison Road, D-251
Piscataway, NJ 08854-8082

[http://keck.rutgers.edu/MASCIS/
mascis.html](http://keck.rutgers.edu/MASCIS/mascis.html)

Impactor@biology.rutgers.edu
Tel: 732-445-2061
Fax: 732-445-2063

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July 14, 2009

To Whom It May Concern:

I am writing this letter to confirm that the MASCIS impactor is designed and manufacture at W.M Keck Center for Collaborative Neuroscience, Rutgers, the State University of New Jersey. Our price is the same to every customer.

Should you have any question regarding these issues, please feel free to contact me directly.

Sincerely,



Dongming Sun, M.D., Ph.D
Assistant Director

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110029

Proprietary Article Certificate (PAC) (Machinery & Equipment)

- (i) The indented goods are manufacture by M/s. Rutgers, W.M. Keck
Center for Collaborative Neuroscience
New Jersey, USA
- (ii) Item Name: Custom spinal cord Impaction Device
- (iii) Model No: Model III (Rat/Mouse)
- (iv) Vital Technical Performance Parameters required which makes the
requirement proprietary 1. Graded contusion injury of spine using
rod dropped from various heights.
2. Unique clamping system for fixing rat/mouse spine 3. vertebral
column sensor
- (v) No other make or model is acceptable for the following

reasons: Above mentioned New York spinal cord impaction device
has been widely quoted in the literature to perform contusion
injuries of spinal cord in rats/mice. It is the most accepted
standardized procedure used by all scientists

It is certified that market survey has been done and found that no other
manufacturer is manufacturing similar/equivalent specifications which can fulfill
the vital requirements of end user.



Dr. Asmita Patil
अमित-आचार्य/Addl. Professor
शरीर क्रिया विज्ञान विभाग/Deptt. of Physiology
अ.भा.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-29



Dr. Ashok Kumar Jaryal, M.D.
Dr. ASHOK KUMAR JARYAL, M.D.
आचार्य, शरीर क्रिया विज्ञान विभाग
Professor, Deptt. of Physiology
अ.भा.आ.सं., A.I.I.M.S.
नई दिल्ली/New Delhi-110029



Dr. Suran Jain
Dr. SURAN JAIN
आचार्य, शरीर क्रिया विज्ञान विभाग
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नई दिल्ली/New Delhi-110029

##Note: TSEC should clearly mention the vital functional parameters
requirements which end user essentially require and are manufactured by only
one manufacturer mentioned in Serial No. (i).

Reviewed on
25/11/19

Dr. Ashok Kumar Jaryal
ACTING HEAD
Department of Physiology
A. I. I. M. S.
New Delhi-110029