

TL5b – ADVOCACY AND INFLUENCE

PROMOTING NURSE WELL-BEING: ACQUIRING ANTI-FATIGUE MATS IN THE OPERATING ROOM

Provide one example, with supporting evidence, of a nurse's(s') (exclusive of the CNO) advocacy for and acquisition of resources specific to nurses' well-being at the unit or department/division level.

Supporting the Health and Safety of Operating Room Nurses

NewYork-Presbyterian/Columbia University Irving Medical Center (NYP/Columbia) supports the well-being of nurses at the organizational and department levels. In August 2022, Jina Yoo, BSN, RN, CNOR, clinical nurse, OR (MB3,4-605320) [OR], was speaking with Thomas O'Donnell, MD, Surgery, who was new to NYP/Columbia at the time. During their conversation, they reviewed the types of surgical cases that Dr. O'Donnell would be performing. Since Dr. O'Donnell noted that many of the surgeries he performed were of long durations, eight hours or more, Ms. Yoo inquired about Dr. O'Donnell's experience with strategies to promote ergonomics and prevent fatigue during long surgical cases. They exchanged information about the need for surgical nurses to stand in a consistent posture for prolonged periods throughout the surgery, resulting in muscular tension, pain, and fatigue. At that time, the organization lacked adequate ergonomic conditions and preventive interventions to minimize fatigue and musculoskeletal injuries.

Dr. O'Donnell responded that he had previously used and recommended anti-fatigue mats in the operating room (OR) that helped prevent fatigue and promote ergonomics. Dr. O'Donnell and Ms. Yoo discussed the health and safety benefits associated with anti-fatigue mats, which included the scientifically engineered mat with conforming gel and supportive foam to provide ultimate comfort and support to surgeons, nurses, and technicians. Anti-fatigue mats have been shown to not only reduce fatigue, but also to decrease stress on joints and lower back pain associated with prolonged standing. As with Safe Patient Handling initiatives, these mats support OR nurses as they assist with patient care during surgical procedures.

Clinical Nurse Advocacy for Anti-Fatigue Mats

On August 22, 2022, during the daily huddle among the entire OR team, known as the Circle of Communication, Ms. Yoo advocated for the acquisition of anti-fatigue mats (one for each of the two operating rooms) and educated the team on the effectiveness of mats to improve the well-being, health, and safety of nurses. Jill Cohen, DNP, RN, PCCN-K, NEA-BC, Patient Care Director, Operating Room, gave immediate support for the nurses' well-being. [TL5b.1—Advocacy Circle of Communication](#)

On September 20, 2022, Ms. Yoo met with Kevin Morera, a vendor from TZ Medical, Inc., to review the anti-fatigue mat brochure. He supplied an anti-fatigue mat for the nurses to trial during surgical cases. [TL5b.2—TZ Medical Anti-Fatigue Mat Communication](#)

During the trial, the OR nurses spoke favorably about the mats and the integration of the anti-fatigue mats as part of their daily practice. Ms. Yoo and Dr. Cohen collaborated to procure a quote for one anti-fatigue mat on December 6, 2022. On December 13, 2022, Dr. Cohen supported the request to improve the well-being, health, and safety of OR nurses and approved the acquisition of the anti-fatigue mat in Lawson, the NYP/Columbia supply system. [TL5b.3—Anti-Fatigue Mat Quote](#)

Acquisition of Anti-Fatigue Mats

On December 27, 2022, one anti-fatigue mat was delivered to the NYP/Columbia operating room and nurses began using the anti-fatigue mat during surgical cases. As a result of Ms. Yoo's advocacy and Dr. Cohen's support for nurses' well-being, health, and safety, both ORs are now equipped with anti-fatigue mats. Dr. Cohen continued to booster the health and safety for OR nurses as she acquired nine additional anti-fatigue mats during 2022-2023, representing \$2,222.38 (Lawson automated report October 5, 2023) of acquired financial resources dedicated to the health and safety of nurses. [TL5b.4—Delivery of Anti-Fatigue Mats](#); [TL5b.5—Acquired Resources 2022-2023](#)

Circle of Communication

Date/Unit: 8/22/2022

Readiness	Discussion	Owner / F/U
<p>M = Methods Are our Processes and workflows ready for the day?</p> <p>If no, specify...</p>	<ol style="list-style-type: none"> 1. New surgeon Dr O'Donnell on campus 2. 2 transplant service outpatients 3. Patel carotid in 24 4. Morrissey x3 in 32 	Jill & Jina to meet with Dr O'Donnell
<p>E = Equipment Beds Is the key equipment ready for the day?</p> <p>If no, specify...</p>	<ol style="list-style-type: none"> 1. Dr O'Donnell will be doing open AAA cases, Jina requests anti-fatigue mats for team due to increased volume/length of cases 2. Patel to trial alternate Steris beds from 3080 	Jina to initiate trial of mats
<p>S = Supplies Are our key supplies ready for the day?</p> <p>If no, specify...</p>	<ol style="list-style-type: none"> 1. Plugs still do not have a location, waiting on cabinet 	Jill to follow up with vendor
<p>S = Staffing Are we staffed as planned with appropriate skill mix for today?</p> <p>If no, explain</p>	<ol style="list-style-type: none"> 1. Adequate for cases 	n/a
<p>S = Safety / Keepsafe KEEPSAFEs, near misses, great catches, staff incidents or injuries</p>	<ol style="list-style-type: none"> 1. None to address 	n/a

From: Kevin Morera <kmorera@tzmedical.com>

Sent: Tuesday, September 20, 2022 6:52 AM

To: Yoo, Jina <jiy9023@nyp.org>

Subject: [EXTERNAL] Re: NYP Columbia - OR - Jina

Good morning Jina,

I have yet to receive approval for our appointment at 8. I will be in the hospital to meet with the IR, once I'm done with them I can come to you if that still works for you?

--

Thanks,

Kevin Morera

Cell: 347-622-2050

800-944-0187

[TZ Medical Customer Product Catalog](#)

[TZ Medical Operating Room Catalog](#)

On Tue, Sep 20, 2022 at 9:07 AM Yoo, Jina <jiy9023@nyp.org> wrote:

Hi Kevin,

Yes, you can call me when you are here.

646-385-2181

Thank you.

Best,

Jina Yoo, RN



TZ MEDICAL

OR Anti-Fatigue Mats



TZ Medical OR Anti-Fatigue Mats

OR Anti-Fatigue Mats are scientifically engineered with conforming gel and supportive foam to provide the ultimate in comfort and support to surgeons, nurses, & technicians. Mats are water-resistant, easy to clean, and provide proper friction level for damp or dry surgical booties.

Product Features

- Reduces & prevents physical discomfort & fatigue
- Properly conforms & supports feet while promoting proper circulation
- Relieves pressure & restores energy while standing
- Improve comfort & ergonomics during procedures
- Reduce the number of stretches & postural changes
- Improve post-operative discomfort & energy
- Promote proper posture while diminishing back, knee & foot discomfort
- Improve performance & reduce the margin of error



TZ Medical
Sparked by your ideas





OR Mat Options

SIZES & COLORS



18'' x 24''



20'' x 32''



20'' x 48''



30'' x 72''



DO-NOT
DISTURB
RED



COLUMBIA
BLUE



Columbia Blue
Commonly found in operating rooms
Predominant color for medical scrubs



DND Red
Bright, vibrant red
Designed for "no interruption zones"



Disposable Surgical Comfort Mat

A disposable, one-time comfort solution for strenuous surgeries. Conveniently-sized and remarkably portable while providing premium comfort and lasting support to feet, legs and back areas. The disposable option provides time saving room turnover, reduced cost on cleaning and labor, as well as reduced equipment loss ratio.

Surgical Comfort Stool Mat

Essential in every operating room and surgical center. This mat has a slip resistant bottom surface and a beveled edge for safety. It's antibacterial, antimicrobial, and disposable features means increased infection control. This supportive anti-fatigue mat provides instant relief while restoring energy and increasing productivity during medical procedures.





TZ Medical
Sparked by your ideas

Quote

Quote number:	33715
Date:	12/06/2022
Sales Representative:	Kevin Morera
Shipping Terms:	Prepay and Add
F.O.B. Point:	
Payment Terms:	Net 30

To place an order please email a P.O. to tzorders@tzmedical.com or send a fax to 503-639-0239

17750 SW Upper Boones Ferry Road, Suite 150
Portland, OR 97224
Phone 800-944-0187

CUSTOMER:

NewYork-Presbyterian / Columbia
University Irving Medical Center
630 West 168th Street
New York, NY, 10032
USA

COMMENTS OR SPECIAL INSTRUCTIONS:

ITEM #	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
CZ-PRS-02	1.00	PANNUS RETENTION SYSTEM - 2 PAD, 1 STRAP (BX OF 10 EA)	\$470.00	\$470.00
NLEP-20X32	1.00	ANTI-FATIGUE FLOOR MAT, DURABLE ¾" THICK BIO-FOAM, SIZE 20" X 32", BLACK	\$243.00	\$243.00

\$713.00

Delivery Document
99 - 5320P



LT:LT22122700361

Printed at: 12/27/2022 10:01:03 AM

Requesting Location:

Company: 99 - New York Presbyterian Hospital

Location: 5320P - OPER RMS MB-3,4

Address:

OR SUPERMKT
 Receiving Department
 627 West 165th Street
 --
 New York NY 10032
 --

From:

Company: 99 - New York Presbyterian Hospital

Location: 60GSM - NEW YORK PRESBYTERIAN HOSPITAL

Received By: JEFFREY GUILLEN
 Receipt Time: 12/27/2022 10:00:00 AM

Deliver To: B1 O.R EQUIPMENT CENTER

Requisition Nbr.: 6496450
 Purchase Order: 9904817619 - -
 Requested By: KIMBERLY HICKS
 Comments:
 Receipt Nbr: 5067049

Vendor: 8004332 - TZ MEDICAL INC
 Carrier Tracking: --

PO Line	Src. Line	Item	Lot/Serial	Exp	Bin	BO Qty	Delivery Qty
2	2	NLEP-20X32 - A NTI-FATIGUE FL OOR MAT,DURABLE Vendor Item: NLEP-20X32 Mfg Code: Account: 605320 68680	/			0.0EA	1.0EA



Packing List

27871

Page: 1
Shipper: HK



TZ MEDICAL INC
20497 SW Teton Ave
Suite A
Tualatin, OR 97062
(503) 639-0282

Invoice Number: 0299737
Ship Date: 12/22/2022



Order Number: 0296654
Order Date: 12/22/2022
Salesperson: 0078, 0081
Customer Number: 00-COLPRNY
Customer P.O.: 9904817619

Sold To:
NEW YORK PRESBYTERIAN HOSPITAL
ACCOUNTS PAYABLE SB RM 622
627 WEST 165 STREET
NEW YORK, NY 10032-3733

Ship To:
NEW YORK PRESBYTERIAN HOSPITAL
RECEIVING DEPARTMENT
627 WEST 165TH STREET
NEW YORK, NY 10032-3733
United States

Confirm To: STEPHANIE DIAZ
Telephone #: (212) 297-4307

Customer P. O.	Ship VIA	Shipping Acct#	Terms
9904817619	FEDEX 1ST OVERNIGHT FC	360494837	NET DUE 30

Item Number	Unit	Ordered	Shipped	Backordered
NLEP-20X32 NEW LIFE ECOPRO 20" X 32" BIO-FOAM MAT	EACH	1.0	1.0	0.0

RETURN/EXCHANGE POLICY:
UNUSED, AND UNOPENED ITEMS
ARE ACCEPTED FOR RETURN WITHIN 15
DAYS FROM ORIGINAL PURCHASE DATE W/ ORIGINAL PO #.
A 20% RESTOCKING FEE MAY APPLY.
TO RETURN PRODUCT--- PLEASE CALL FOR AN R.M.A.
NUMBER PRIOR TO RETURNING (800)944-0187

NOTE: LINE 1 SHIPPED SEPARATELY.*

We have moved! Our new address is:
20497 SW Teton Ave, Suite A, Tualatin, OR 97062

	A	B	C	D	E	F	G	H	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
	COMPAN	LOCATIO	LOCATIO	REQ_LOC	LOCATIO	VENDOR	VENDOR	MANUF_C	VEN_JTE	PO_NUM	PO_LINE	LAWSON	DESCRIPTI	DESCRIPTI	PURCHAS	ALT_UOM	QUANTIT	ENTERED	AGREEME	EXTENDE	ITEM_TYP	ACCOUNT	ACCOUNT	ACCOUNT	ACCOUNT	PO_DATE	NET_QUA	CANCELLE	NET_COS	YEAR	MONTH	REQUISITI	
	Y	N_CODE	N_NAME	ATION	N_TYPE	ID	NAME	ODE	M	BER	NUMBER	NUMBER	ON	ON_2	E_UOM	_CONV	Y	_UNIT_CO	NT_REF	D_COST	E	ING_UNIT	ING_UNIT	_CODE	_DESCRIP		T	D_QUANT			ON_NUM		
1	99	60GSM	NEW YORK PRESBYTERIAN HOSPITAL	5320P	NULL	8004332	TZ MEDICAL INC	NULL	GP-20X32	9905001203	3		OR DURABLE ANTI-FATIGUE MAT	NULL	EA	1.0000000	2.0000	260.69	NULL	521.38	X	605320	OPER RMS MB-3,4	68680	OTHER O.R. SUPPLIES	2023-06-15	2	0	521.38	2023	6	6638212	
2	99	60GSM	NEW YORK PRESBYTERIAN HOSPITAL	5320P	NULL	8004332	TZ MEDICAL INC	NULL	NLEP-20X32	9904992637	2		ANTI-FATIGUE FLOOR MAT_DURABLE	NULL	EA	1.0000000	1.0000	243.00	NULL	243.00	X	605320	OPER RMS MB-3,4	68680	OTHER O.R. SUPPLIES	2023-06-07	1	0	243	2023	6	6632336	
4	99	60GSM	NEW YORK PRESBYTERIAN HOSPITAL	5320P	NULL	8004332	TZ MEDICAL INC	NULL	NLEP-20X32	9904817619	2		ANTI-FATIGUE FLOOR MAT_DURABLE	NULL	EA	1.0000000	1.0000	243.00	NULL	243.00	X	605320	OPER RMS MB-3,4	68680	OTHER O.R. SUPPLIES	2022-12-13	1	0	243	2022	12	6496450	
6	99	60GSM	NEW YORK PRESBYTERIAN HOSPITAL	5320P	NULL	8004332	TZ MEDICAL INC	NULL	NLEP-20X32	9904823226	2		ANTI-FATIGUE FLOOR MAT_DURABLE	NULL	EA	1.0000000	5.0000	243.00	NULL	1215.00	X	605320	OPER RMS MB-3,4	68680	OTHER O.R. SUPPLIES	2022-12-19	5	0	1215	2022	12	6497632	
8																																	

Total cost (sum of column AE): \$2,222.38