

The Quarterly

INSIDE THIS ISSUE

Employee Spotlight	1
Did You Know	2
Message from C4	3
A Few Good Mentions	3
In The News	4
Home in VT	4

EMPLOYEE SPOTLIGHT

Meet Julie Loyzelle

Julie has been a valued member of the HDmedical team since we opened our manufacturing facility, and odds are if you are using one of our Refraint systems, her skill and craftsmanship are evident on the devices in front of you.

“When I joined HDmedical

I was eager to learn more about the company. I was excited to be in on the early stages of building this company and that I was helping patient to have a better experience in the ICU.”



Julie contributed to improvements to the soft goods that are so critical to the success of the Exersides Refraint, and especially to optimizing the quality and manufacturability of the end product. She demonstrates her dedication to Healthy Design’s mission every day. “My strongest impression here is the dedication and the excitement that everyone has for what we are doing to help critically ill patients. I believe in our products and tell everyone I know that the Refraint will not only help the patient recover from their illness, but also with the emotional recovery because they will no longer need to be completely sedated and tied down in the ICU.”

In addition to sewing, Julie plays an important role in all of Healthy Design’s manufacturing operations, including her meticulous inspection of materials, parts, and final product.

“...My strongest impression here is the dedication and the excitement that everyone has for what we are doing to help critically ill patients.”

-Julie

Best practice in medicine not only requires that the caregiver use the least physical restraint necessary, it also requires that the caregiver use the least chemical restraint necessary...

DID YOU KNOW



A chemical restraint is the intentional use of any medications to subdue, sedate, or restrain an individual. Chemical restraints have been used to restrict the freedom of movement of a patient—usually in acute, emergency, or psychiatric settings. When we talk about restraint, we are not only referring to the straps that bind patients physically to the bed, we are also referring to the medications which render the patient unable to move or be fully cognitively aware of their surroundings. Sedation, pain medication, and antipsychotics are all used as chemical restraints, and can contribute to delirium and Post Intensive Care Syndrome (PICS) when used excessively and/or in combination with physical restraints.

Best practice in medicine not only requires that the caregiver use the least physical restraint necessary, it also requires that the caregiver use the least chemical restraint necessary. While many institutions have implemented programs to reduce physical restraints, this reduction is often compensated for by increasing sedation to ensure the patient still won't remove or entangle themselves in critical lines and tubes.

The Exersides Refrains is designed to not only allow the caregiver to titrate physical restraint to the most liberal configuration, but also to titrate chemical restraint to the minimum dosage necessary. By assuring the patient is safe from entanglement in IV lines and other equipment while allowing the patient to move freely and not be tied down, agitation and security may be optimized. Caregivers can achieve a more comfortably awake and safely mobile patient.

A Message from C4 (*Chief Culture Change Catalyst*)



Happy Summer!

So much is happening. We are finding each other and planning great things.

Who are 'we'? We are proponents of an Age-friendly Health System, we are the Delirium Societies, we are ICU Liberation and ICU Rehab, we are Team Mobility who met in Tampa in April with many VA hospital representatives present, we are the Kali Dayton podcast audience & Revolutionists group, we are the Small Business Association (SBA) supporting medically-focused companies in conjunction with NIH, and we are the industry partners filling gaps when solutions are needed.

What are we doing? We are regrouping in the wake of the pandemic to document/discuss and solve the collateral damage we all endured including staff burnout, shortages, and patient/family-centered care lapses to name a few.

Why are we doing it? We recognize the shortcomings of the old healthcare system and we envision a better system that respects patient autonomy, family needs, staff workload, and administrative reform.

We would be better with you. Look at our 'A Few Good Mentions' section or email us at hello@hdmedical.org to be connected to the group of your choice. Until then, do the right thing, look for opportunities to act from love, share good ideas, make/start something helpful, support action.

Yours truly,

Marie Pavini MD FCCM FCCP

A FEW GOOD MENTIONS

April 26-28 Team Mobility Conference-Wesley Chapel, FL
earlymobility.com

May 1-4 AONL Conference-Anaheim, CA
Inspiring Leaders

May 22-24 NTI Conference-Philadelphia, PA
AACN's Premier Conference Critical Care Nurses

June 11-13 American Delirium Society-Providence, RI
Engage, Enhance, Evolve: Reclaiming Life from Delirium

“ We recognize the shortcomings of the old healthcare system and we envision a better system that respects patient autonomy, family needs, staff workload, and administrative reform.

SAFETY DAY 2023



13 Willow Street
Rutland, VT 05701-4010

Phone: (802) 821-1002

Email: Hello@HDmedical.org

"...where common sense meets
healthcare..."

Follow Us @ExersidesICU



HDmedical.org

IN THE NEWS

Local Coverage

May 10, 2023

The Mountain Times - Weekly
Killington Community Newspaper

Dr. Pavini was interviewed recently by Liz DeMarco of The Mountain Times discussing how she was attracted to the Killington area as well as how the concept for the Exersides Refraint developed over time and the many challenges along the way.



International Coverage

April 11, 2023

Walking Home from the ICU with Kali Dayton is a groundbreaking Podcast with International acclaim as a resource for healthcare providers in addressing Delirium prevention, best practices and implimenting change.

Marie Pavini MD, intensivist and innovator of Exersides Refraint and DelTrain VR, shares with Kali her insights for approaching agitation, sedation and delirium management in the ICU.



HOME IN VERMONT



With summer underway, living in Vermont is as picturesque and ideal as it looks! We hope you have a chance to experience all that Vermont has to offer from our reputation as an exceptionally clean and green part of the country, access to the great outdoors, as well the quality and ingenuity of our local manufacturing. We are Vermont proud!