



HDmedical.org

CAPABILITY STATEMENT

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A+Ox3™ DELIRIUM SIMULATION TRAINING with DelTrain™ VR

Critical Care physician and expert Marie T. Pavini founded HDmedical to provide medical tools and training for relevant staff in the realm of cognition and mobility, specifically in delirium including pain, agitation, immobility, isolation, loss of freedom, safety, and mind-altering medications. This constellation of traumatic risk factors can lead to acute delirium and potentially longer-lasting cognitive and dis-use disorders that disrupt the ability to handle day-to-day responsibilities, maintain quality of life, and increase healthcare costs through hospital and rehabilitation center readmissions.

The DelTrain™ VR training module portion of A+Ox3™ places the User in the virtual body of the delirious patient for an authentic survivor-reported experience, then into the body of the Caregiver learning how to recognize and prevent delirium as they review standard scoring systems and techniques. This method imparts a visceral understanding that is not forgotten or dismissed and is very well-received by trainees.

In an era of individual protective space requirements and generational learning variances, this unique training and education platform of live remote-in or in-person small group scenario simulation combined with engaging didactic sessions, integrated proprietary student workbook activities with instructor guide, and a VR simulation lab that is itself CE-ready and usable in classroom or on-demand for convenience, provides unmatched training.

UEI
DHRMCNVMLND7

CAGE
7V3G0

DUNS
080649279

NAICS
541519
611310



Hubzone



CORE COMPETENCIES

Delirium Simulation Education

Adult and Pediatric Applications

- Nurses
- Medics
- Doctors
- Physical Therapists
- Occupational Therapists
- Speech Therapists
- Respiratory Therapists
- Child Life Therapists
- Students
- Administrators
- Home Health Aids/Sitters
- LNAs/CNAs
- Nursing Home staff
- Hospice staff

DIFFERENTIATORS

- World-renowned expert content
- Exciting/Engaging/Interactive didactics
- Teaches Delirium scoring and prevention
- Casts to a screen for group discussion
- Individual VR for anytime education
- Video viewing for sensitive Users
- Continuing Education Credit ready
- Student Workbook & Instructor Guide
- In-person small group Scenarios Sim Lab
- Remote or in-person attendance
- Memorable/Visceral for best retention

PAST PERFORMANCE

- 2016-2017: \$25k NIH Rehabilitation sub-award grant
- 2018-2022: \$1.86M NIH Fast-Track award
- 2020-2022: \$375k NIH Administrative Supplement award
- 2021-2024: \$3.42M NIH CRP commercialization award
- 2023: Launch - Robley Rex VA hospital; Mayo Clinic; VSU Nursing School
- 2024: SBA Manufacturer of the Year New England and Vermont

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