

Vermont
Medical
Society

2020-2021

THIRD THURSDAY
WEBINAR SERIES

12:00 pm to 1:00 pm



THIRD THURSDAY WEBINAR SERIES

Date: October 15, 2020

Title: What We Learned from the Birchwood COVID-19 Outbreak.

134 MAIN STREET, MONTPELIER, VERMONT, 05602

TEL.: 802-223-7898

WWW.VTMD.ORG

CME DISCLAIMER

In support of improving patient care, this activity has been planned and implemented by the Robert Larner College of Medicine at the University of Vermont and the Vermont Medical Society. The University of Vermont is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Vermont designates this internet live activity for a maximum of *1 AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Please watch for an email from the Vermont Medical Society providing directions for claiming CME credit.

CME credit must be claimed within 30 days of participating in the event.

VMS Third Thursday Webinar Series: What We Learned from the Birchwood COVID-19 Outbreak.

Speakers:

Michael LaMantia, MD, MPH

Robert Gramling, MD

Tim Lahey, MD, MMSc

Planning Committee Members:

Jessa Barnard, ESQ, Catherine Schneider, MD, Stephanie Winters & Elizabeth Alessi

Purpose Statement/Goal of This Activity:

In their presentation, Drs. Gramling, LaMantia and Lahey will discuss the anatomy of a COVID-19 outbreak at a Vermont nursing home and reflect on lessons learned from the heroic multi-disciplinary community response.

Learning Objectives:

- Recognize how our fragmentary health care system exacerbates COVID-19 susceptibility among vulnerable populations
- Review pivotal moments in the lifesaving interprofessional collaboration at Birchwood nursing home
- Discuss how the COVID-19 outbreak at Birchwood illuminated meaning in medicine, moral distress and professional boundaries

Disclosures:

Is there anything to Disclose? Yes No

Did this activity receive any commercial support? Yes No

(The CMIE staff do not have any possible conflicts)



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COVID Crisis Response: Birchwood and Beyond

Michael LaMantia, MD, MPH
Geriatrics

Bob Gramling, MD, DSc
Palliative Care

Tim Lahey, MD, MMSc
Ethics

Overview

- Geriatric Medicine
 - Context & Initial Response
- Palliative Care
- Ethics

Geriatrics

Birchwood



The First 72 Hours...

Nicole

Staffing

Roles Tasks List

- Change RN Pool
- Volume
- #s per shift
- Which wing → BTC?
- Mix
- Coordination → who!
- Medium + Long term Planning
- TLC, CCS, HHH
- EFAP → Plan → Evelyn → Panic

Nicole/Ken

Training Education

* Go to Paper now → immediate

- Mt E
- Jenna 04/17
- Point click

Orientation → Tips → Tricks

Hand-off → Elbowing

Documentation

- Planning - Nicole
- Deploying → skid/LTS → structure
- Paper - links open to prepare
- Medication Admin.
- Palliative → 2 RNs help

Nicole/Ken

PPE

Palliative → Filled N95

- Prot?
- Use: universal
- Add face shields
- All staff
- BW + OUES
- to start N95, Light & Small Expense SIZE
- Paper → on-site (need multiple entries)
- Masks → N95
- Clean → inc. scrubs
- + Dirty Logistics
- Ken
- BW Lobby?

Lindsey

Coordination

Die from Hospital

Admit to Hospital → assess admit to care? Transfer process?

Die BW (Share) → NO

Palliative → @ home Respite

Death → how not fight? → parts - train range 100 → legs → how take shift

HD pps?

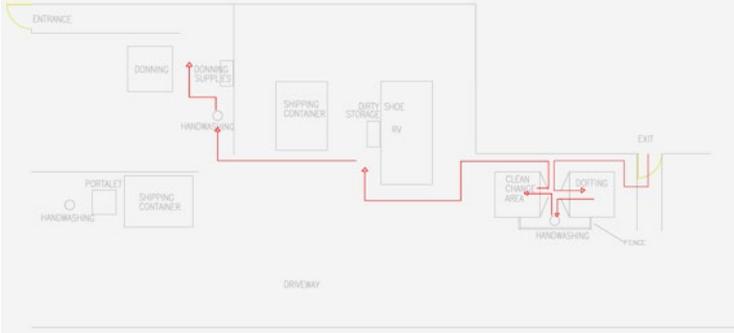
Physical/Operational/Infection Control: Birchwood



Physical/Operational/Infection Control



Physical/Operational/Infection Control: Birchwood



PPE



Patrick Gym



Palliative Care

Palliative Care: Birchwood

- Would add a the photo of Ram here from our Network presentation—do either of you have that?

Turning Lessons into Recommendations and Considerations: Palliative Care



Turning Lessons into Recommendations and Considerations: Palliative Care



Birchwood Comfort Care Box
UVM Medical Center

Patient Name: _____
 Date of Birth: _____
 MRN (if known): _____

CONTROLLED SUBSTANCE RECORD

Date: ____/____/____
 Box # _____

Lock # _____
 Lock # _____

BOX EXPIRATION DATE: ____/____/____

*** Nursing Signature Verification of Beginning Stock: _____

Exp. Date	Drug Name	Par	# Given	Wasted	Witness #1 / Witness #2	Global #	Chg Code #
	Atropine 1% ophthalmic drops (for SL) 2 mL	1		X	X	009763	9154550
	Haloperidol oral 1 mg tablet	1		X	X	010404	9241837
	Haloperidol inj. 5 mg/mL (1 mL) vial	1		X	X	009679	9121286
	HYDROmorphine inj. 2 mg/mL (1 mL) vial	1			/	009569	9038795
	LORazepam oral solution 1 mg/0.5 mL syringe	3			/	030064	9260027
	LORazepam inj. 2 mg/mL (1 mL) vial	1			/	010611	9249756
	Morphine oral solution 10 mg/0.5 mL syringe	3			/	009901	9213851
	Morphine inj. 10 mg/mL (1 mL) vial	1			/	010994	9857301
	Needle Hypodermic Monoject Magellan 20 GA 1.5" Safety ST LP	3		X	X	037372	N/A
	Set Blood Collection 25 GA 1/2" Winged Tubing Butterfly Vacutainer 12" ST	3		X	X	042503	N/A

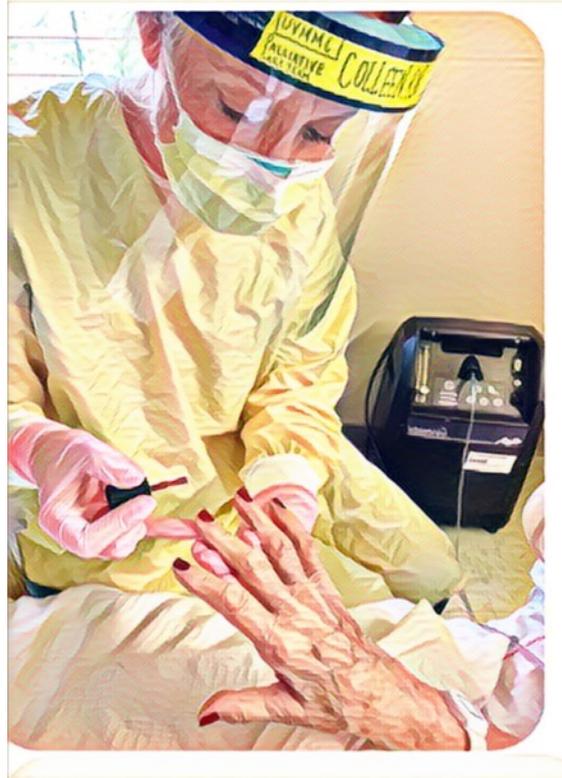
*** Nursing Signature Verification of Ending Stock: _____

Filled by: _____ Checked by: _____

Please ✓ when billing is complete and return to Narcotic Technician for filing. Thank you.

© Group Practice/Community Controlled Substance Storage and Kit Birchwood Comfort Care box PINK.doc

End of Life, Grief, Support, and More



Importance of Camaraderie / Dyads



Ethics

Plague Ethics

- Ventilator and vaccine allocation
- Visitation policies
- Testing refusal
- Resuscitation amid PPE shortages
- Shared rooms
- Institutional & public health duty
- Public engagement & critical thinking

Plague Doctoring

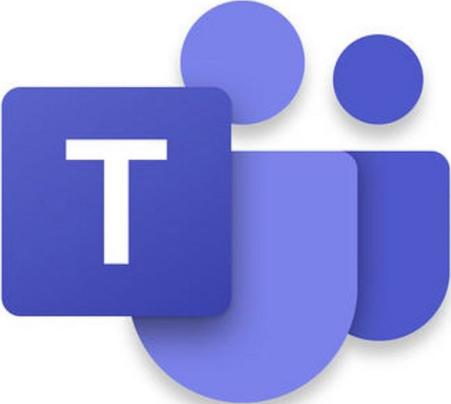


- “I never had much sympathy for the plague doctor.”
- Plague doctors “represented the triumph of fear and superstition over the more noble impulses I hoped would drive me in a time of crisis.”
- Mark Earnest, *NEJM*, 2020

The Back Room on the COVID Floor



Remote Medicine



The Biological Branch

The image shows a Zoom meeting interface with the title "UVMVC Clinical Branch of Incident Command". The meeting is in progress, and the participants are displayed in a grid. The participants are:

- Pam
- melissa
- Joe Alaj
- m216295
- Gil Allen
- Amy Teleron
- Becca Wilson
- Mark Pasanen
- Michael Latreille
- Kyle DeWitt
- Christi Wojewoda
- Rachel
- Lyle Gerety
- Brianna Kim
- Keith Robinson
- X220707's iPhone
- Paula Gonyea
- Marta Kokoszynska
- MaryEllen Antkowiak
- Wes McMillian
- Brady Quinn
- Mariah McNamara
- mary accomando
- Katarina Tomin
- Mark Hamlin

The bottom of the screen shows the Zoom control bar with the following options: Mute My Audio (0/26A), Mute, Stop Video, Invite, Participants (25), Share Screen, Chat, Reactions, and Leave Meeting.

Conclusions

Birchwood in retrospect

- Shared experiences
 - Emergent responses
 - Clinical learnings
 - Stronger teams
 - And team hardship
- Lessons learned
 - Pre-planning is key
 - Need a playbook for future responses
 - Who helps and when
 - How to shoulder the burden
 - Roll with unexpected
 - Be ready to support each other

Thank you!

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Timothy.Lahey@uvmhealth.org

UVMHealth.org/MedCenter