

PREPARING FOR, COPING, AND RECOVERING FROM THE COVID-19 SURGE: MAINTAINING THE TRAINING PROGRAM

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PROGRAM DIRECTOR, ANESTHESIOLOGY RESIDENCY
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HENRY FORD HEALTH SYSTEM, ASSISTANT PROFESSOR, WAYNE STATE UNIVERSITY SOM

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I HAVE NOTHING TO DISCLOSE

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IN LOVING MEMORY...

DR. VINCENT SCEGLIO, DO

July 14, 1963 - September 2, 2020



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OBJECTIVES

- To review the immediate challenges faced early in the pandemic.
- To highlight the importance of residency leadership in crisis planning.
- To outline strategic oversight of the resident workforce including redeployment, education and wellness monitoring.
- To describe post-crisis collaboration within the system-wide Graduate Medical Education Committee based on best practices for future crisis preparation.


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DISCLAIMER

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COVID-19 PREPAREDNESS

- DR. ANOOP CHHINA, MD
Associate Program Director, Anesthesiology Residency Program
- ASSUMES LEAD ROLE IN DEPARTMENTAL COVID-19 EMERGENCY RESPONSE

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SAFETY AND PREPAREDNESS EDUCATION


- APPROPRIATE PPE USE
- ICU AIRWAY PROTOCOLS
- PATIENT TRANSFER PROTOCOLS
- OPERATING ROOM PREPARATION
- OPERATING ROOM WORKFLOWS
- OB EPIDURAL, C-SECTION WORKFLOWS
- ETC, ETC, ETC



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NPR MARCH 31, 2020


"Michigan now ranks third in the country for coronavirus-related deaths, trailing only New York and New Jersey, after the Midwest state on Tuesday reported a new surge of cases".



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RESIDENT CONCERNS

- Will I be abused as a trainee? (Duty hours, work intensity)
- Will I be sacrificed as a trainee?
- Will you personally keep me alive if someone tries to pull the plug?
- Residency requirements?
- Will immunocompromised residents be forced to work with COVID patients?



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THE PROTECTOR OF RESIDENTS

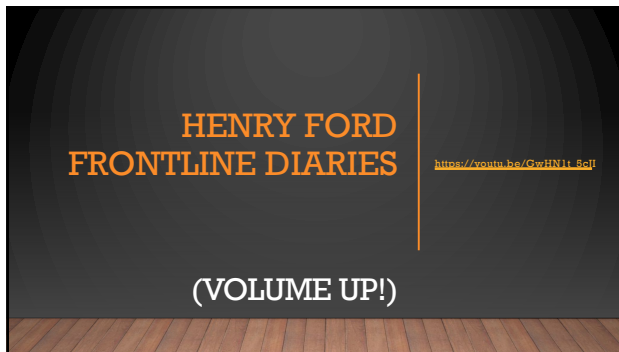


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MAN DOWN! APRIL 5, 2020

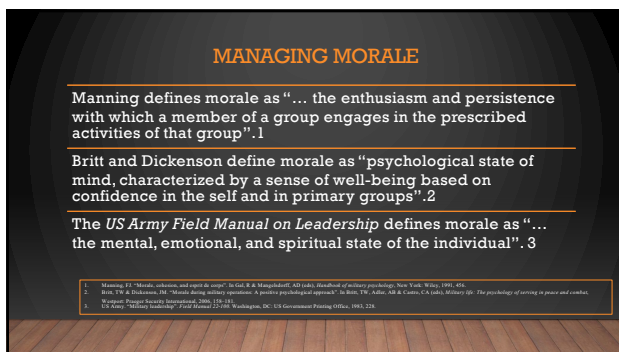
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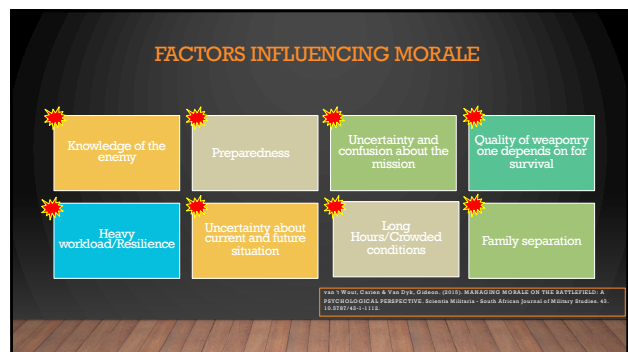
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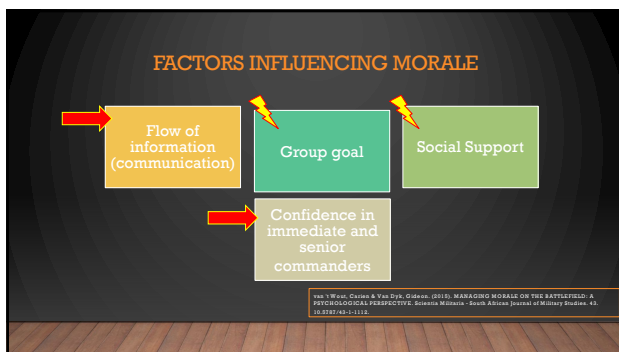
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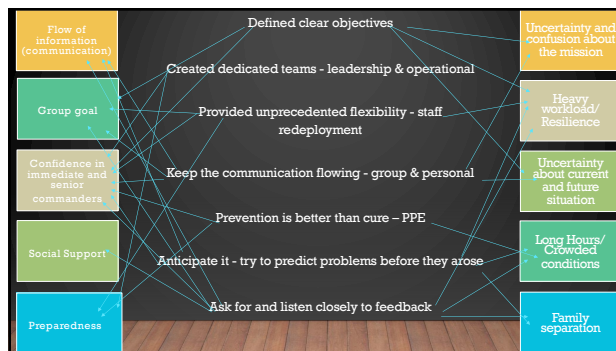


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STAGING RESPONSE

- Defined clear objectives
- Created dedicated teams - leadership & operational
- Provided unprecedented flexibility - staff redeployment
- Keep the communication flowing - group & personal
- Prevention is better than cure - PPE
- Anticipate it - try to predict problems before they arose
- Ask for and listen closely to feedback

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RESIDENCY LEADERSHIP = HOSPITAL SYSTEM LEADERSHIP

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RESIDENCY MANAGEMENT DURING COVID

- RESIDENT REDEPLOYMENT
- RESIDENT EDUCATION
- RESIDENT WELLBEING

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RESIDENT REDEPLOYMENT

- CENTRALIZED SHARED ELECTRONIC PLATFORM - MS TEAMS
- SICU, MICU, EM - PRIMARY SITES
- MINIMUM ONE WEEK, MAXIMUM TWO WEEKS ON ANY GIVE SERVICE
- TIME OFF AFTER HIGH-INTENSITY ASSIGNMENTS
- PROGRAM DIRECTOR HAS COMPLETE CONTROL OF RESIDENT SCHEDULE
- HEALTHY STRATEGIC RESERVE MAINTAINED AT ALL TIMES AND READY TO BE DEPLOYED AT ANYTIME DAY OR NIGHT
- NEWLY CREATED PROCEDURE TEAMS
 - STAFFED BY SENIOR ANESTHESIA RESIDENT OR SURGERY RESIDENTS

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RESIDENT REDEPLOYMENT

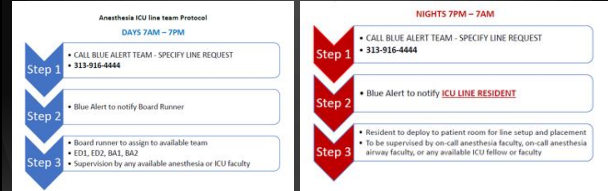
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RESIDENT REDEPLOYMENT

The spreadsheet displays a grid with columns for dates from 11/23 to 11/29 and rows for various residents. The cells contain names of residents, with some cells highlighted in yellow to indicate redeployment status.

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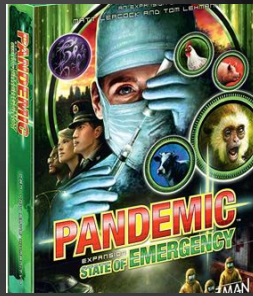
ANESTHESIA ICU LINE TEAM



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MARCH 25, 2020

ACGME STAGE 3
EMERGENCY
PANDEMIC STATUS



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RESIDENT EDUCATION

- Immediate shift to virtual grand rounds – Departmental
- Creation of asynchronous learning assignments based on regularly scheduled didactics plan
- Creation of synchronous didactic sessions with MS TEAMS
- Inclusion of residents and fellows in multicenter didactics/lectures
- Creation of research groups with faculty mentors with focus on COVID-related scholarly work.

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RESIDENT WELLBEING & MONITORING

- DAILY EMAILS – CHAIR AND PROGRAM DIRECTOR
- DAILY PHONE CALLS – PROGRAM COORDINATOR
- REGULAR DISTRIBUTION OF WELLNESS RESOURCES – BEHAVIORAL HEALTH, EPA
- DAILY WALK AROUNDS/CHECK-INS – PROGRAM DIRECTOR
- DAILY CHECKINS WITH COVID POSITIVE OR SUSPECTED RESIDENTS
- STRONGLY ENCOURAGED (SOMETIMES MANDATED) APPOINTMENTS WITH BEHAVIORAL HEALTH.

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MONITORING RESIDENT WELLBEING

Lisa M MacLean, MD
Dept. of Psychiatry
Director of Physician Wellness
Henry Ford Hospital

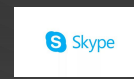


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FUTURE CRISIS PLANNING

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VIRTUAL LEARNING TASKFORCE



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SYNCHRONOUS LEARNING WISHLIST

- Attendance tracking
- Confidentiality
- High-quality video sharing
- Easy-to-use
- Chat feature
- Low lag time
- Supports CME regulatory requirements
- Polling audience response
- Default mute
- Easy multimedia transitions
- Ability to kick out & block learners
- Moderator feature
- Archiving to async platform
- Breakout sessions/small groups
- Raise hand feature
- Disable "beep" when people join
- Professional appearance of product
- Two-way video conferencing
- Attendance export
- Give control to learners
- Presenter hardware support
- Quick yes/no poll
- Connect to other platforms
- Poll is "pushed"
- Q&A tracking
- Future proof
- Share learner screens
- Low bandwidth requirements
- Engagement tracking
- Attendee hardware support
- Automatic transcription

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ASYNCHRONOUS LEARNING WISHLIST

- Reading List
- Multi-part courses
- High quality video
- High storage capacity
- Cataloging
- Search feature
- Quiz
- Editing capability
- Smartphone friendly
- Bring in outside resources
- Export completion reports
- High-speed playback
- Content lifespan
- Reviews function
- Subtitles
- Interactive engagement
- Packaging
- HFHS Library
- Internal links
- Learner-type
- Tagging
- Hands-on exercise
- Create own lesson plan
- Time tracking

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SURGE PLANNING TASKFORCE

7/9/20 DRAFT FOR HFH GME COVID-19 SURGE PLANNING		
GME Surge Planning Taskforce Membership:		
Name	Title	
Kimberly Baker-Genaw, MD	Designated Institutional Official, Chair-Surge/Crisis Taskforce	
Crystal Gyrazzin	Administrative Director Medical Education	
Leslie Pfeiffer	Accreditation Coordinator	
Molly Heple	Accreditation Coordinator	
Vijaya Donthireddy, MD	Program Director, Hematology and Medical Oncology	
Taher Vohra, MD	Program Director, Emergency Medicine	
Ostais Abreu-Larfranco, MD	Program Director, Internal Medicine	
Nicholas Yeldo, MD	Program Director, Anesthesiology	
Esther Akinyemi, MD	Program Director, Psychiatry	
Harish Koni, MD	Associate Program Director, Internal Medicine	
Erika Taco-Vazquez, MD	Resident, Anesthesiology	
Kelly Malette, MD	Resident, Internal Medicine	
Jessie Liu, MD	Resident, Dermatology	
Nicholas Konowitz, MD	Resident, EM/IM	
Christopher Giles, MD	Resident, Internal Medicine	

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SURGE PLANNING TASKFORCE

- The Taskforce met and reviewed published information, ACGME requirements and recommendations and prior COVID surge experiences to come up with recommendations to prepare for any additional COVID surges.

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