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Kaiser Permanente Northern California Physician Redeployment During COVID-19

Mary Meyer, MD, MPH Medical Director, Regional Emergency Management

Suzy Fitzgerald, MD Training Director, Regional Emergency Management

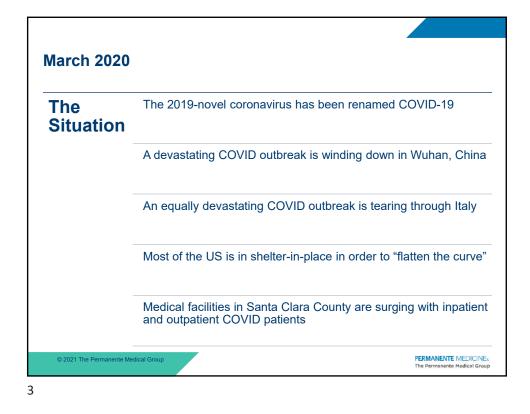
Rick Dlott, MD Medical Director, Population Care

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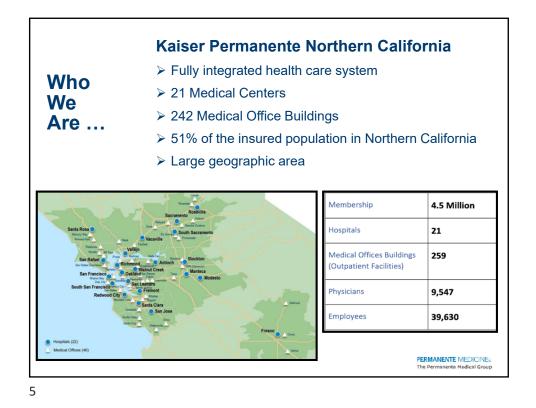
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What We Were Worried About	COVID-19 has the potential to overwhelm our health care system
	Disparities exist within patient populations and within geographical regions
	Differential impact of the pandemic on different specialties
	In addition to managing a surge, our physicians are learning how to manage this disease



Who We Are ... (cont.)

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Kaiser Permanente Northern California Emergency Management

Extensive Regional and Medical Center-based Emergency Management Program:

- All hazards including mass casualty surge management, hospital evacuation, emerging infectious disease response, air quality, active shooter, others
- Regional Disaster Physician Redeployment program for wildfire/evacuation response

Kaiser Permanente Northern California Population Management

Extensive Regional and Medical Center-based Population Care Program:

- Mature regional and med center quality infrastructures including registry development, analytics, risk-stratification, pop care tools and technologies, quality support physicians and staff
- Member engagement opportunities including 24/7 call center, and asynchronous care via robust on-line resources

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The Question:

How do you design a physician redeployment system to address physician staffing needs during a COVID surge that supports patient-centered care in the safest and most efficient way, while simultaneously supporting physician wellness?

The Answers:

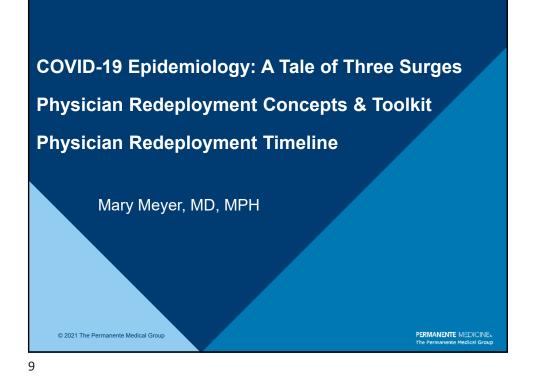
The Kaiser Permanente Northern California Physician Redeployment Program & Toolkit

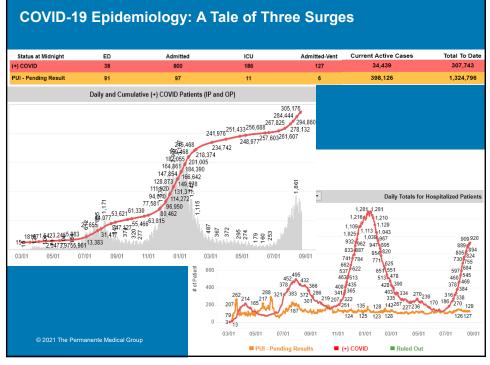
The KP NCAL COVID Home Care Team

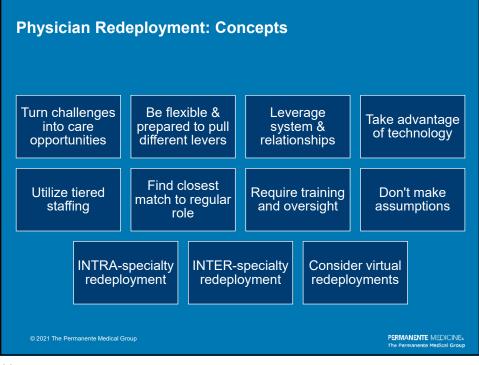
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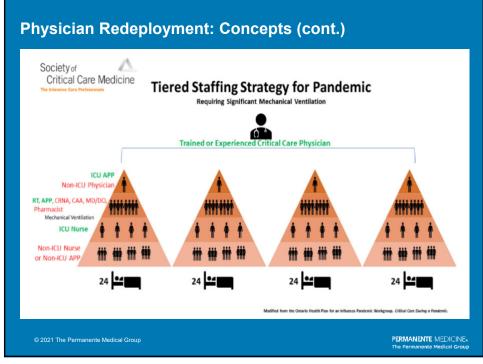
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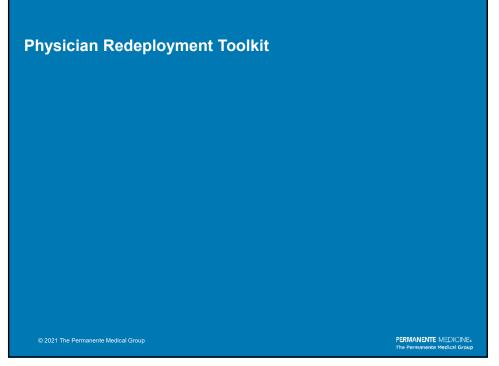
Agenda	
COVID-19 Epidemiology: A Tale of Three Surges	
Physician Redeployment Concepts & Toolkit	
Physician Redeployment Timeline	
Training for Physician Redeployment	
KP NCAL COVID Home Care Team	
Lessons Learned	
Questions	
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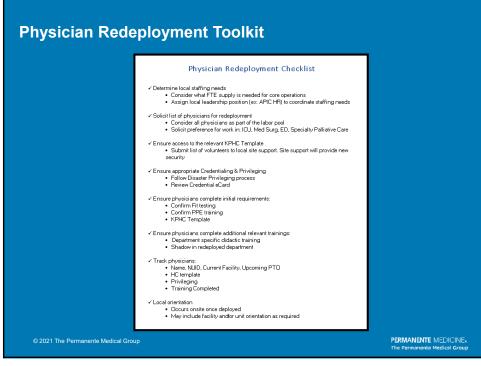


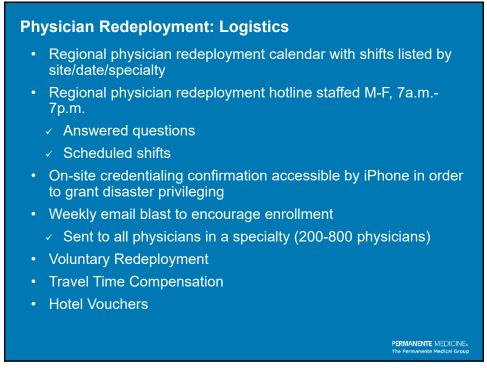


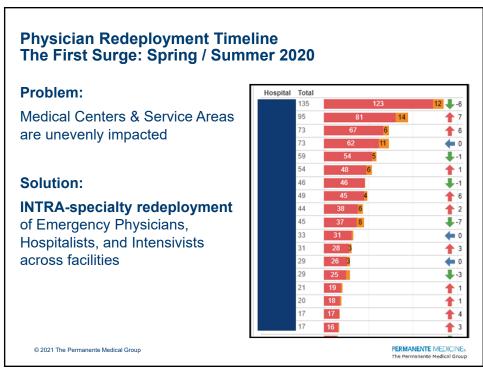


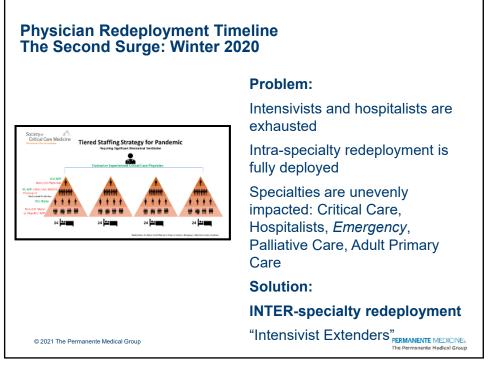


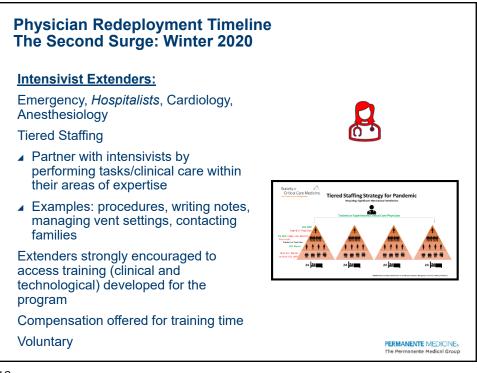


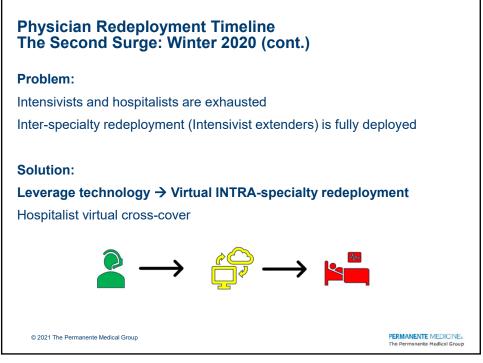


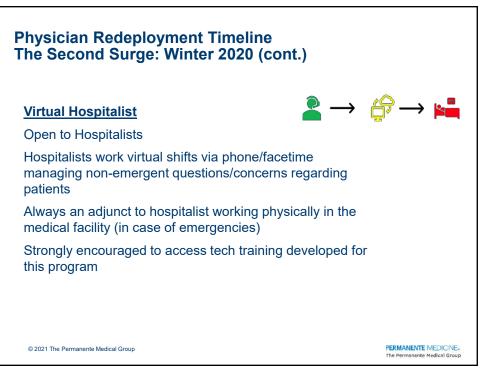


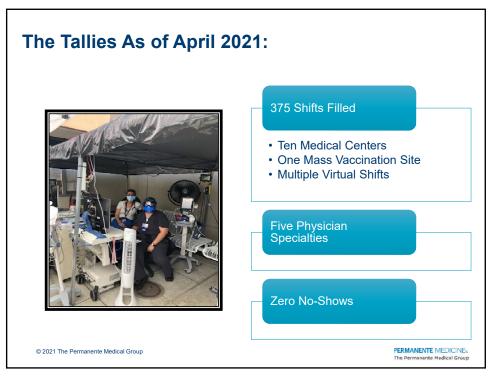


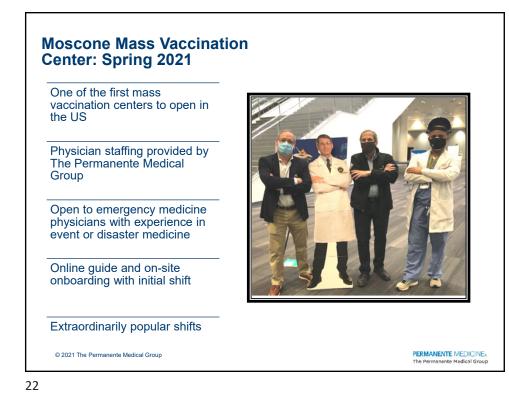


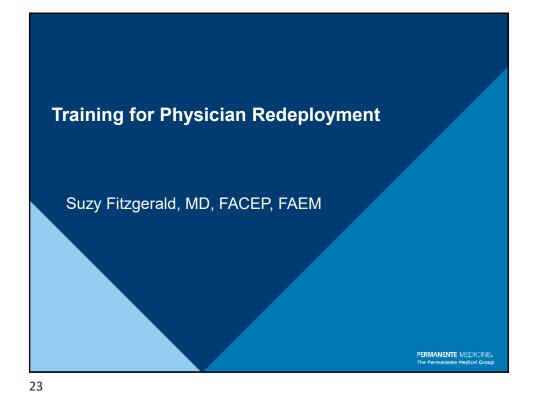


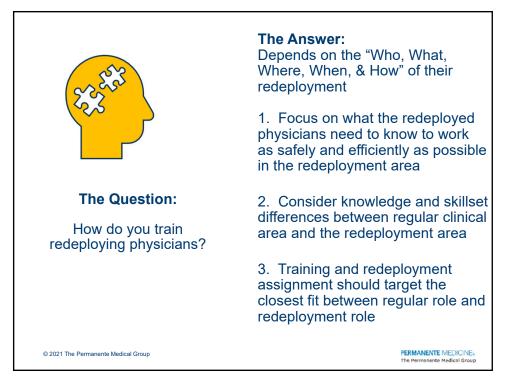


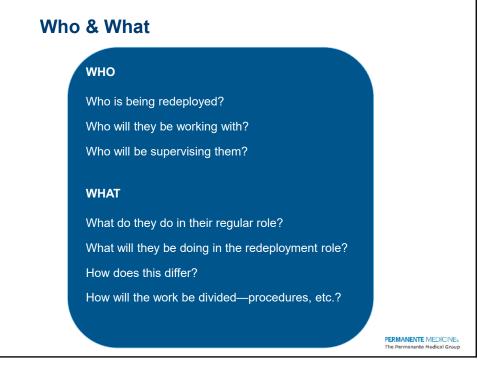


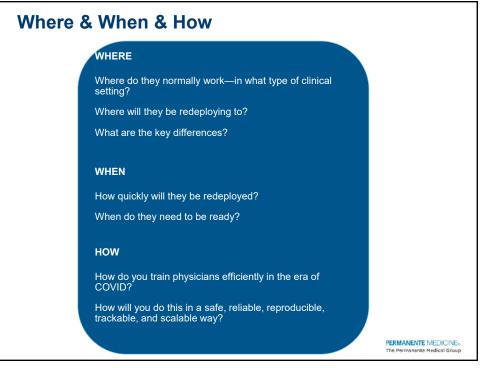






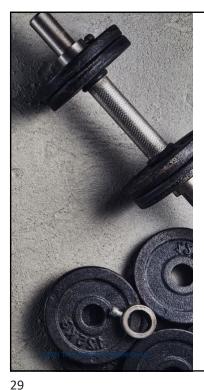








Training Content Categories		
The Logistics	Administrative Processes & Workflows	
	Electronic Medical Record Procedures	
	Employment Logistics / HR Considerations	
	Area-Specific PPE Requirements (PAPR/CAPR Training & N95 Fit Testing	
The Medicine	Clinical Guidelines, Workflows, & Algorithms	
	Redeployment Area-Specific Training Ex: ICU for the Non-ICU Physician Inpatient Medicine for the Outpatient Physician	



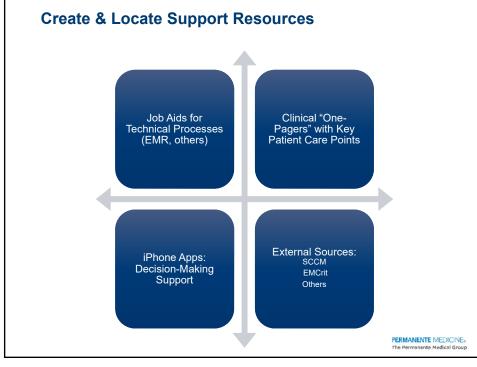
Determine Training Modalities & Develop Modules

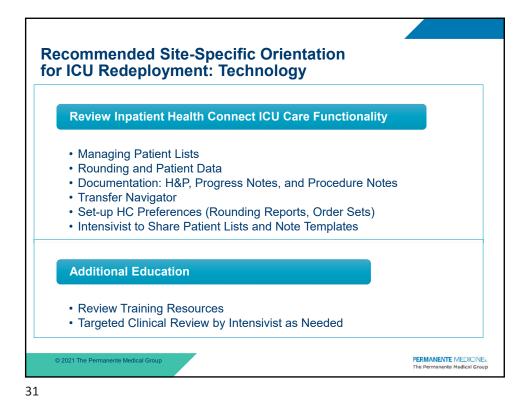
How do you deliver the most efficient, effective, reproducible, trackable, and safe training to an audience spread out over a large geographic area in a timely manner?

Real-Time Virtual Sessions Video / On-Demand Modules On-Site Orientation Shadow Shifts In Situ Simulation for "Mission-Critical" Topics • COVID Intubation

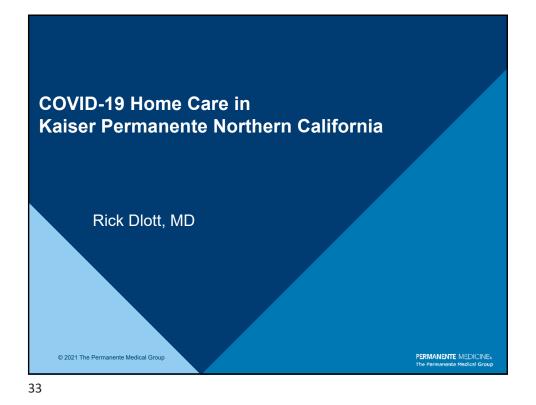
COVID Code Blue Scenarios

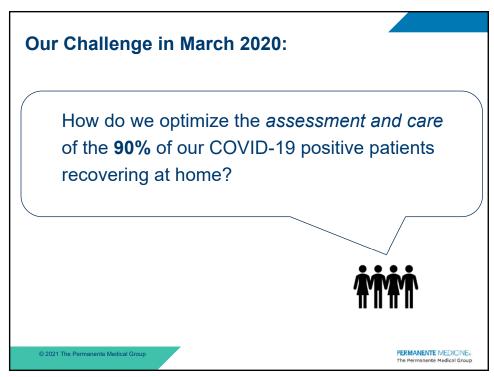
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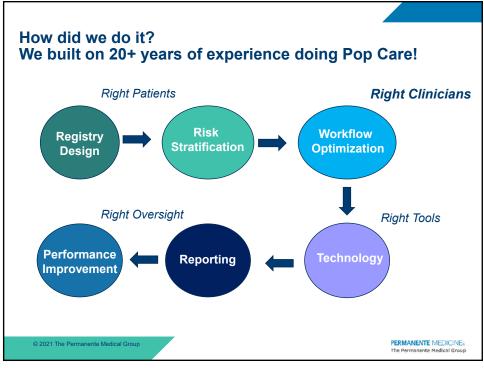


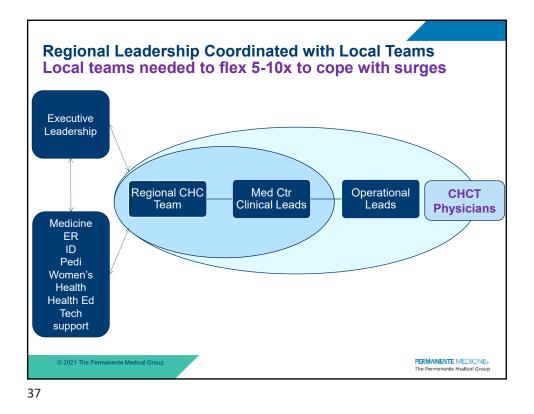


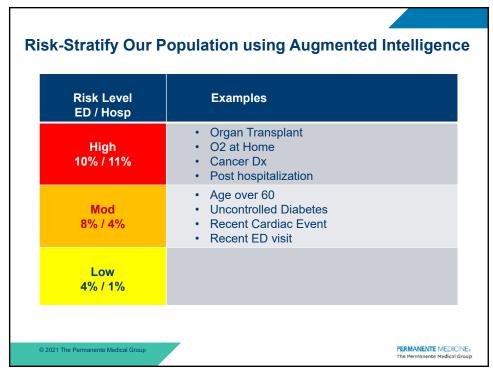


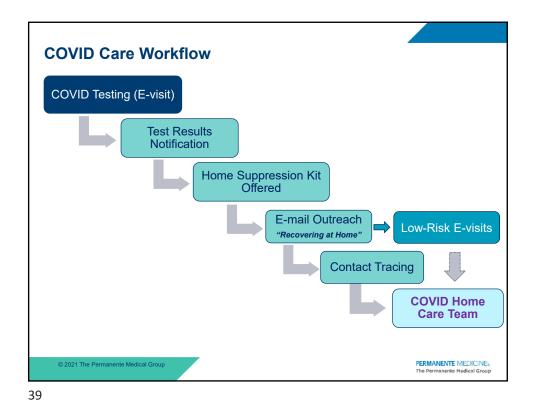


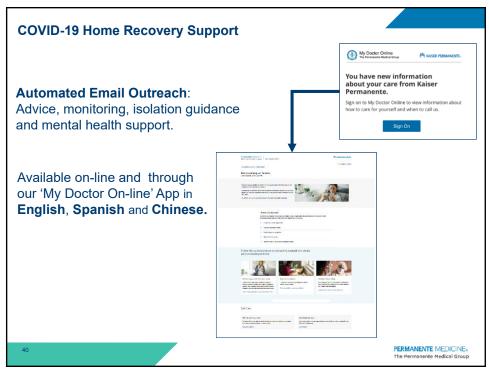


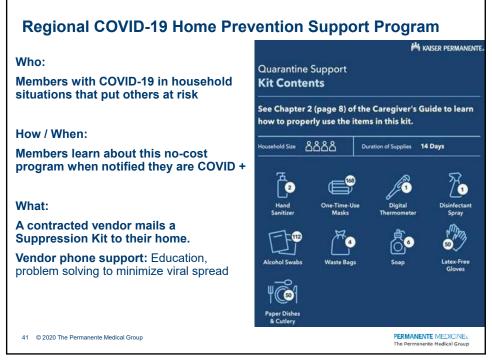


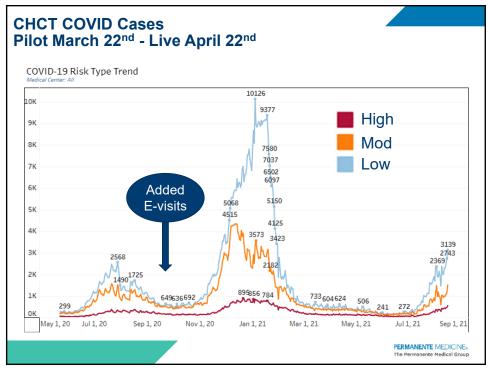


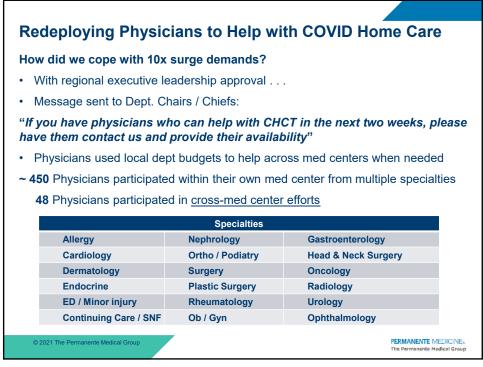


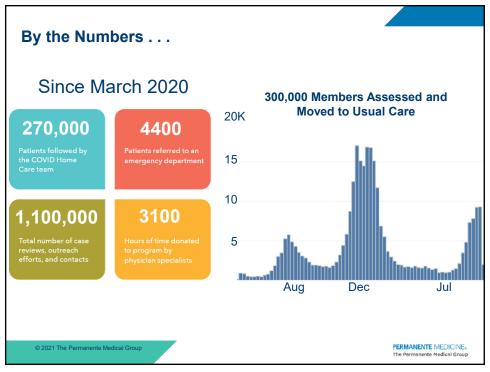












lere's What We Learned:		
Redeployment Can Be Stressful	 Stress / Exhaustion / Fear / Uncertainty Unfamiliar facility & unfamiliar specialty 	
The Struggle is Real	 By late winter, all facilities were impacted. We struggled to fill shifts	
Innovation & Flexibility Essential	Be nimbleDon't make assumptions	
Silos Exist	 Physicians often unaware of other physicians' working conditions & medical center impacts Large variability in willingness to redeploy as a result 	
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Here's What We Learned: (cont.)		
Tiered Staffing Has Limitations	 Limits to the work a physician can perform in another specialty Tiered staffing is psychologically and physically difficult Physician care is affected by care team staffing (nursing, RTs) 	
Logistics	 Regional calendar/hotline had few miscommunications Physicians were committed to their shifts: zero no-shows 	
lf You Build It, They Will Come	 Compassion and courage Weekends and night shifts 	
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