

COVID-19 CRITICAL CARE: WHAT PROVIDERS NEED TO KNOW MAY 29, 2020 UPDATE

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





COVID-19 Keeping Up With A Moving Target

Twice Every Week @ COVID19.DKBmed.com

Every Wednesday Evening

C**VID-19**
KEEPING UP WITH A MOVING TARGET


Dr. Paul Auwaerter
Clinical Director
Division of Infectious Disease
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Jointly provided by The Postgraduate Institute for Medicine and DKBmed, LLC.

Every Friday Morning

C**VID-19**
KEEPING UP WITH A MOVING TARGET


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CME Information

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Learning Objectives

- Explain three challenges institutions faced when COVID-19 was first recognized
- Discuss two causes of the financial difficulties hospitals face today
- Identify at least one priority for institutions going forward

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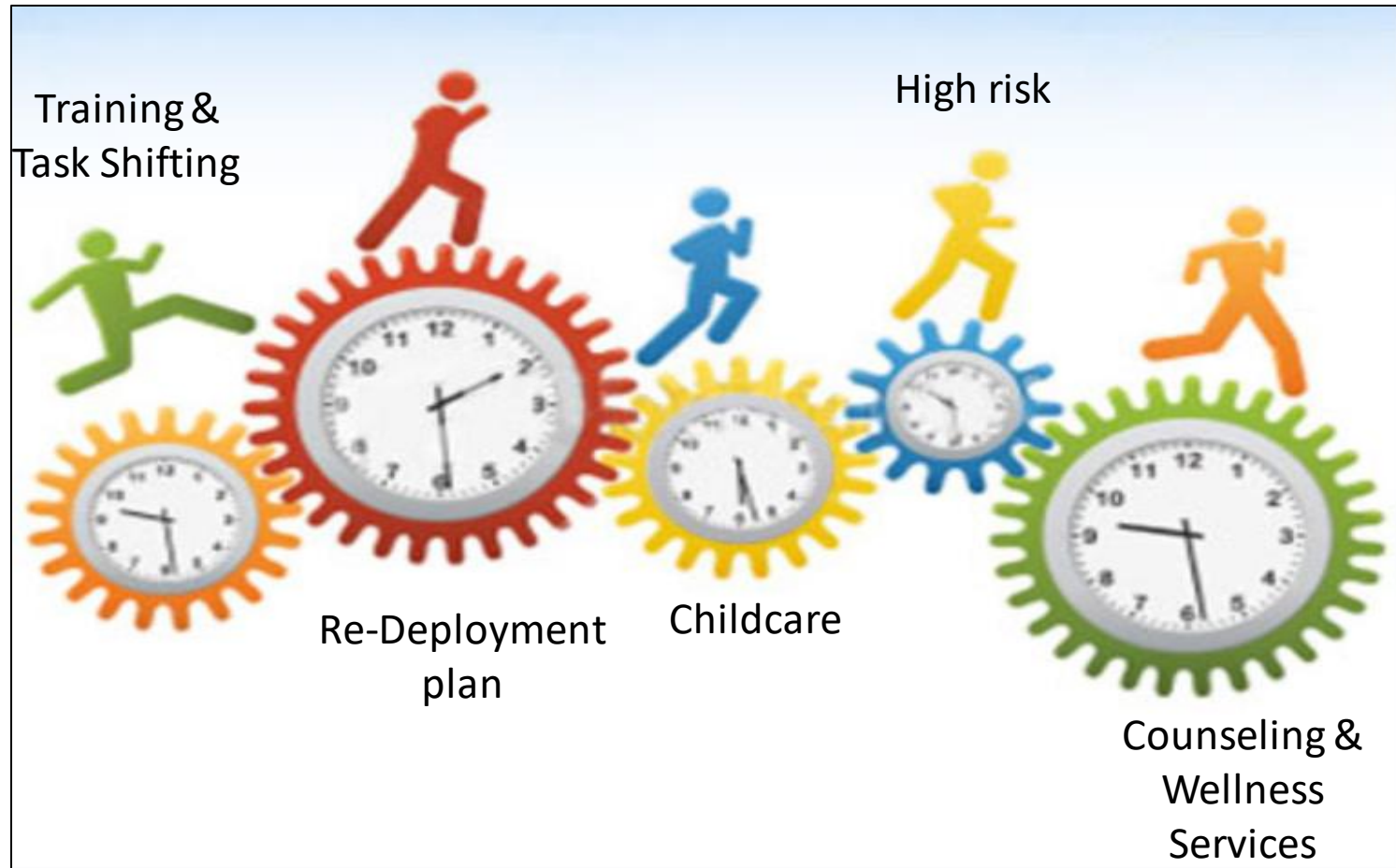
Thank You

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Please see **COVID19.DKBmed.com** for additional resources and educational activities



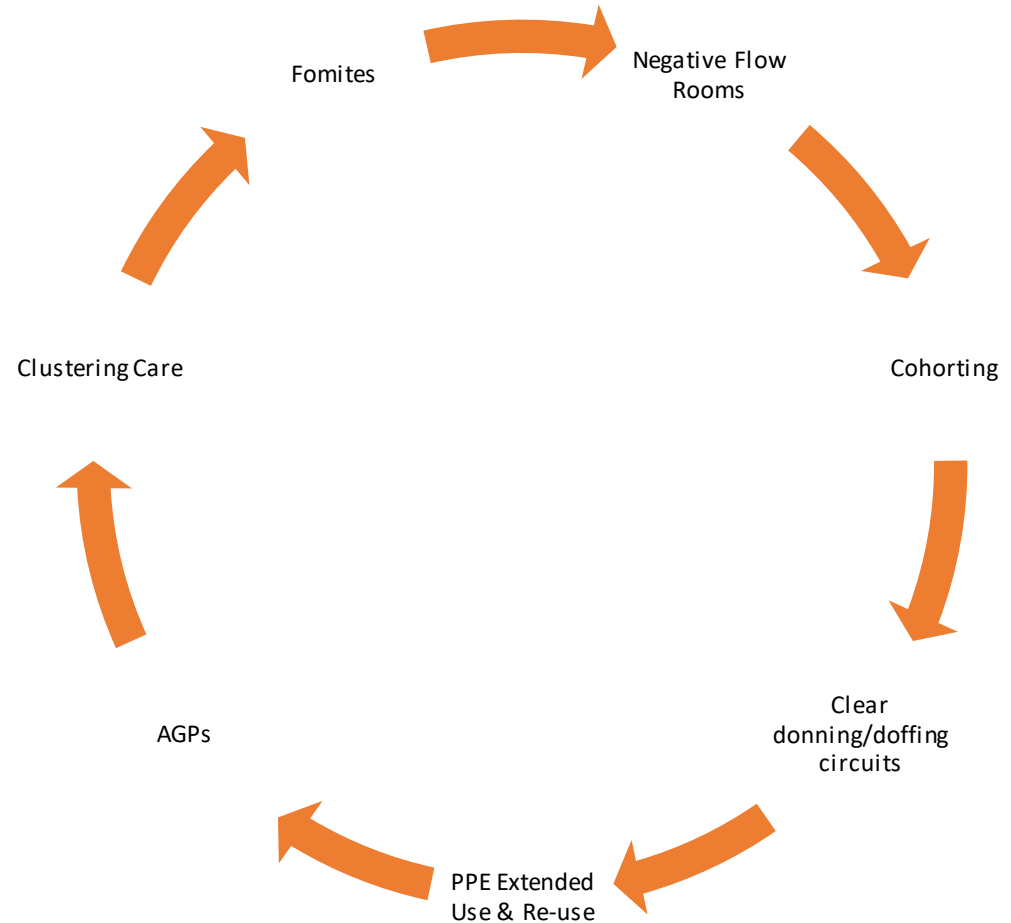
Human Resources





Infection Prevention and Control

- WASH YOUR HANDS
- COUGH/SNEEZE INTO ELBOW
- STAY HOME IF YOU ARE ILL
- WEAR A MASK IF WITHIN 6 FEET





Testing: Lessons Learned and Beyond

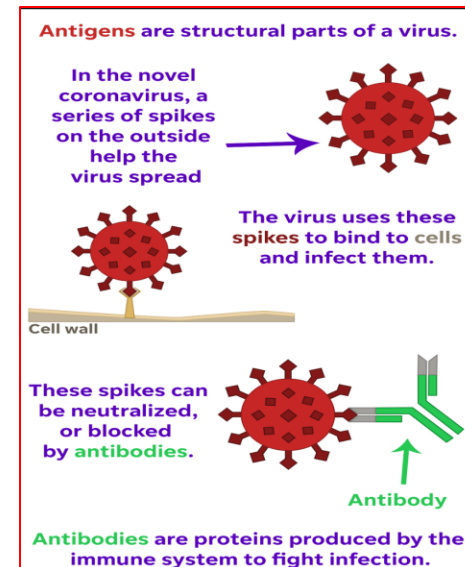
RT-PCR

- Rapid
 - NPG
 - Nasal
 - ETT
 - Bronchiole Alveolar Lavage (BAL)
 - Sputum
 - Oral



Serological Testing

- ELISA
- Surveillance
 - Asymptomatic +
 - How many infected
 - Populations
 - ? Convalescent Plasma Donors





Financial Recovery



Revenue Loss:

- Elective surgical services
- Outpatient services
- 40-50%

Increased costs

- Testing
- PPE/Supplies
- Uncompensated care
- Wage and labor

- \$202.6 billion —March 1st —June 30th (2020)
- \$50 billion per month



Financial Recovery





Post Acute Care

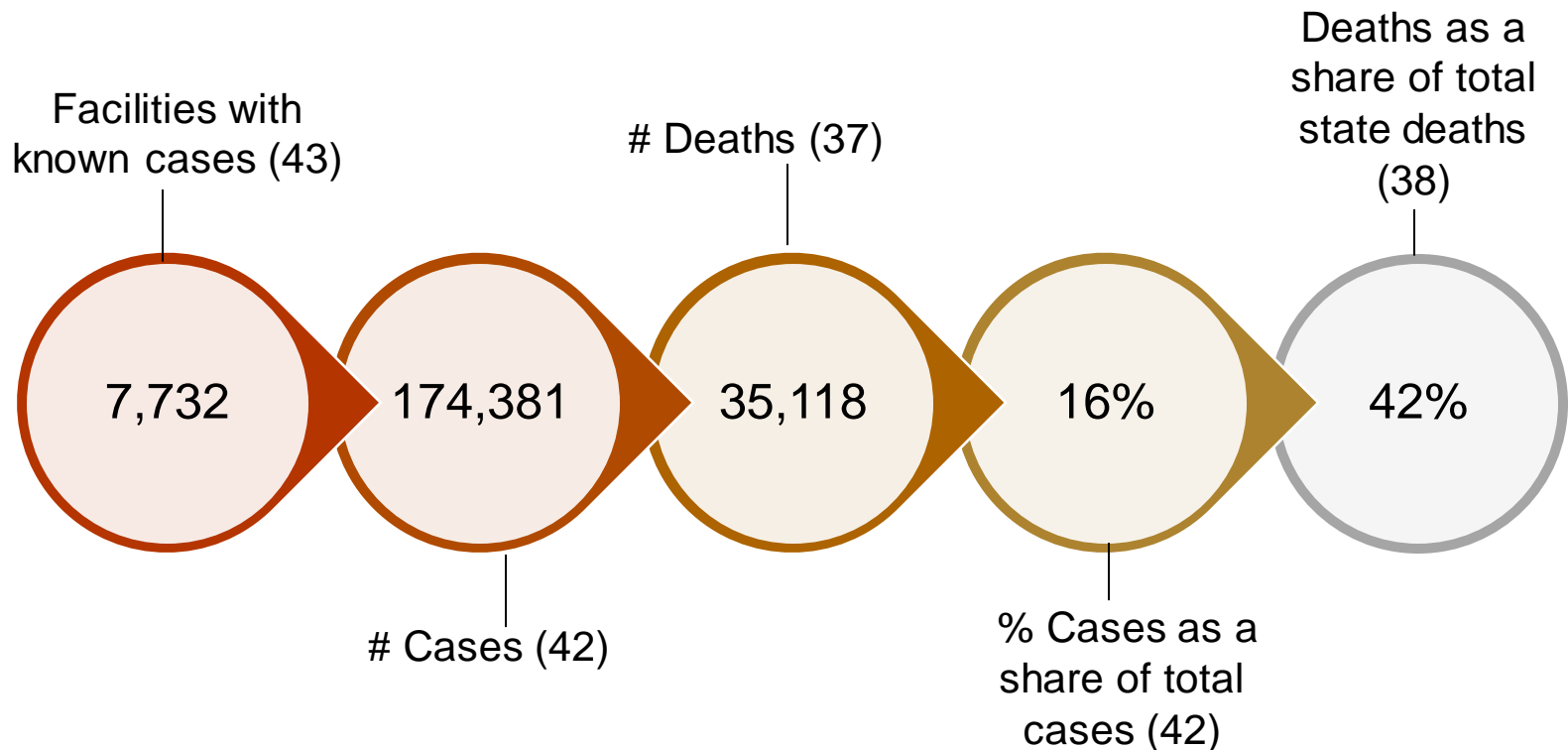
Vulnerable Populations

- Homeless/unsheltered
- Nursing home residents
- Group home/congregate care settings
- Rehabilitation/extended Care
- Home care services
- Incarcerated





Long-term Care Facilities





Post Acute Transition Plan

- Hospice at home
- Rapid transition plan from acute care to community or home care
- Rapid testing
- Re-admission protocols
- Refusal back up plan
- Plan for ability to provide telemedicine and “healthcare at home”

Support community partners

- State Dept. of Health
- Oxygen Supply companies
- Medical Supply companies
- Home Care Services
- PPE Supplies
- Training staff on infection control practices
- Paid sick leave for employees

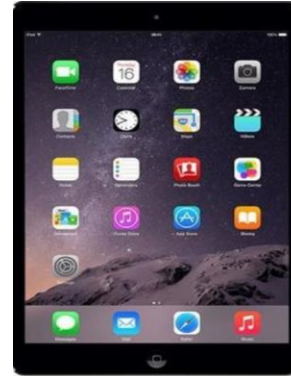
CDC

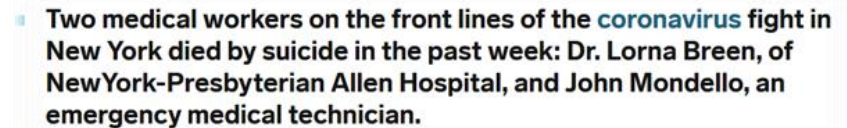
- Universal source control measures
- Visitor restrictions
- Screening of residents and HCW
- Plan to notify Depart. Of Health
- Resident Cohorting



Health Care Workers

- Adaptive
- Quick thinkers
- Collaborative
- Intelligent
- Engineers
- Altruistic
- Infection control specialists
- Resilient.....but human





Anxiety
Depression
Fear
Hopelessness
Lack of social support
Furloughs



What Next?

Conventional

Contingent

Crisis

Plan for:

- Fall 2020 & the Flu
- Public health \$\$\$
- Covid-19 & “normal operations”
- Surge management- local, state & federal
- Develop community relationships
- ANOTHER RECOVERY
- ANOTHER PANDEMIC



Resources

- Washington State Comprehensive Emergency Management Plan. Washington state emergency management division. Accessed 5.25.2020. <https://mil.wa.gov/plans>
- Coronavirus best practices. Federal Emergency Management Agency. Accessed May 25, 2020. <https://www.fema.gov/coronavirus/best-practices>
- Creating capacity and managing patient flow during a crisis. Care Logistics. Accessed May 25, 2020. <https://www.carelogistics.com/covid19>



Resources

- Supply Chain Leaders Perspective: lessons learned. Vizient Inc. May 20, 2020. Accessed: May 25, 2020. <https://www.vizientinc.com/covid-19/webinars-and-podcasts>
- Covid 19 clinical course. Brigham Health. May 12, 2020. Accessed May 25, 2020. <https://covidprotocols.org/protocols/clinical-course-and-epidemiology/#epidemiology>
- Ruan Q, Yang K, Wang W et al. Clinical predictors of mortality due to COVID-19 based on an analysis of data of 150 patients from Wuhan, China. *Intensive Care Med.* 2020;46(5):846-848. doi: 10.1007/s00134-020-05991-x.
- Guan W, Zheng-yi N, Hu Y et al. Clinical characteristics of Coronavirus Disease 2019 in China. *N Engl J Med.* 2020;382:1708-1720. doi: 10.1056/NEJMoa2002032



Resources

Zhou F, Yu T, Du R et al. Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study. *Lancet*. 2020; 395 (10229): 1054-1062. [https://doi.org/10.1016/S0140-6736\(20\)30566-3](https://doi.org/10.1016/S0140-6736(20)30566-3)

Lynch J, Davitkov P, Anderson D et al. Infectious Diseases Society of American Guidelines on infection prevention in patients with suspected or known COVID-19. *IDSA*. April 27, 2020. Accessed may 26, 2020. <http://www.idsociety.org/COVID19> guidelines/ip

New AHA report finds financial impact of COVID-19 on hospitals and health systems to be over \$200 billion through June. American Hospital Association. Accessed may 25, 2020. <https://www.aha.org/special-bulletin/2020-05-05-new-aha-report-finds-financial-impact-covid-19-hospitals-and-health>



Resources

FAIR Health. Illuminating the impact of COVID 19 on hospitals and health systems: A comparative study of revenue and utilization. May 12, 2020. Accessed May 25, 2020.

<https://www.fairhealth.org/#>

Jenner TE. Post-acute care for vulnerable populations with Covid 19. Vizient Inc. April 2020. Accessed May 25, 2020.

<https://vizientinc.app.box.com/s/rq5q0146vxgxex575g9l44b0r3ssujmy>

Considerations for the public health response to COVID-19 in nursing homes. Centers for Disease Control and Prevention. Accessed May 25, 2020.

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/nursing-homesresponding.html>



Resources

- State reports of long-term care facility cases and deaths related to COVID-19 (as of May 21, 2020). Kaiser Family Foundation. Accessed May 25, 2020. <https://www.kff.org/health-costs/issue-brief/state-data-and-policy-actions-to-address-coronavirus/>
- Borter G. A nurse struggles with COVID 19 trauma. He was found dead in his car. Medscape. May 21, 2020. Accessed May 25, 2020. https://www.medscape.com/viewarticle/930839?nlid=135635_4622&src=WNL_mdplsnews_200522_mscpedit_nurs&uac=260569BZ&spon=24&impID=2391415&faf=1
- Cooch N. COVID-19: Impact on frontline worker's mental health. Expert opinion. May 7, 2020. <https://www.practiceupdate.com/content/covid-19-impact-on-frontline-workers-mental-health/100259>



To submit your own question, please email
QA@dkbmed.com



Has the procedure for running a code blue or performing CPR changed in the current circumstances?



From a patient safety perspective, do you think that hospitals should be performing non-emergent operations that require inpatient stays?



To receive CME/CE credit:

- Complete the evaluation on at COVID19.DKBmed.com
- Upon registering and successfully completing the activity evaluation, you will have immediate access to your certificate.

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To ask your own question:

- Email QA@dkbmed.com