



DEA Houston Citizens Academy Alumni

COVID-19 Pandemic: Caregiver and Family Readiness Living with the Coronavirus

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THE UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER



TMIT Global Emerging Threats Community of Practice

LEAD Hospital
Initiatives

Patient Safety
Documentaries

Research
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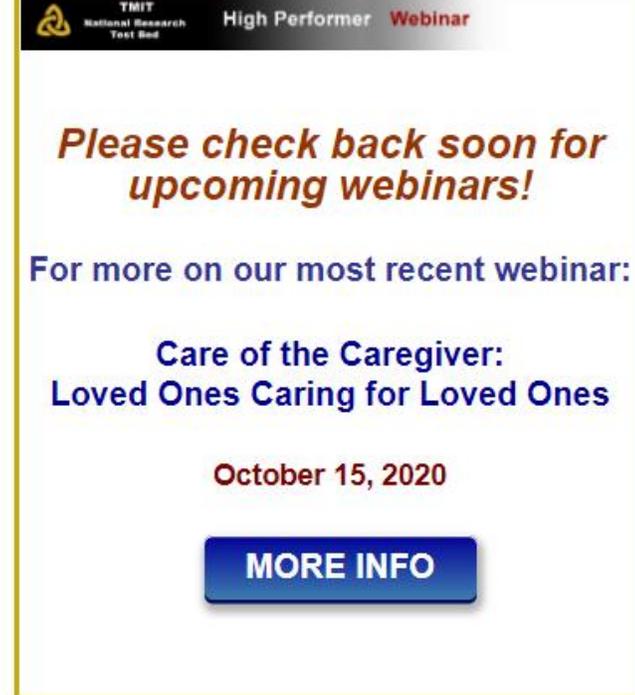


Surfing
the
Healthcare Tsunami

BRING YOUR BEST BOARD

Surfing the Healthcare Tsunami: Bring Your Best Board!™

TMIT presents our Discovery Channel documentary, Surfing the Healthcare Tsunami. The incoming healthcare tsunami threatens all but the best. Will you surf, swim, or sink?



TMIT
National Research
Test Bed

High Performer Webinar

*Please check back soon for
upcoming webinars!*

For more on our most recent webinar:

Care of the Caregiver:
Loved Ones Caring for Loved Ones

October 15, 2020

[MORE INFO](#)

High Impact Care Hazards to Patients, Students, and Employees



Cardiac Arrest

Choking & Drowning

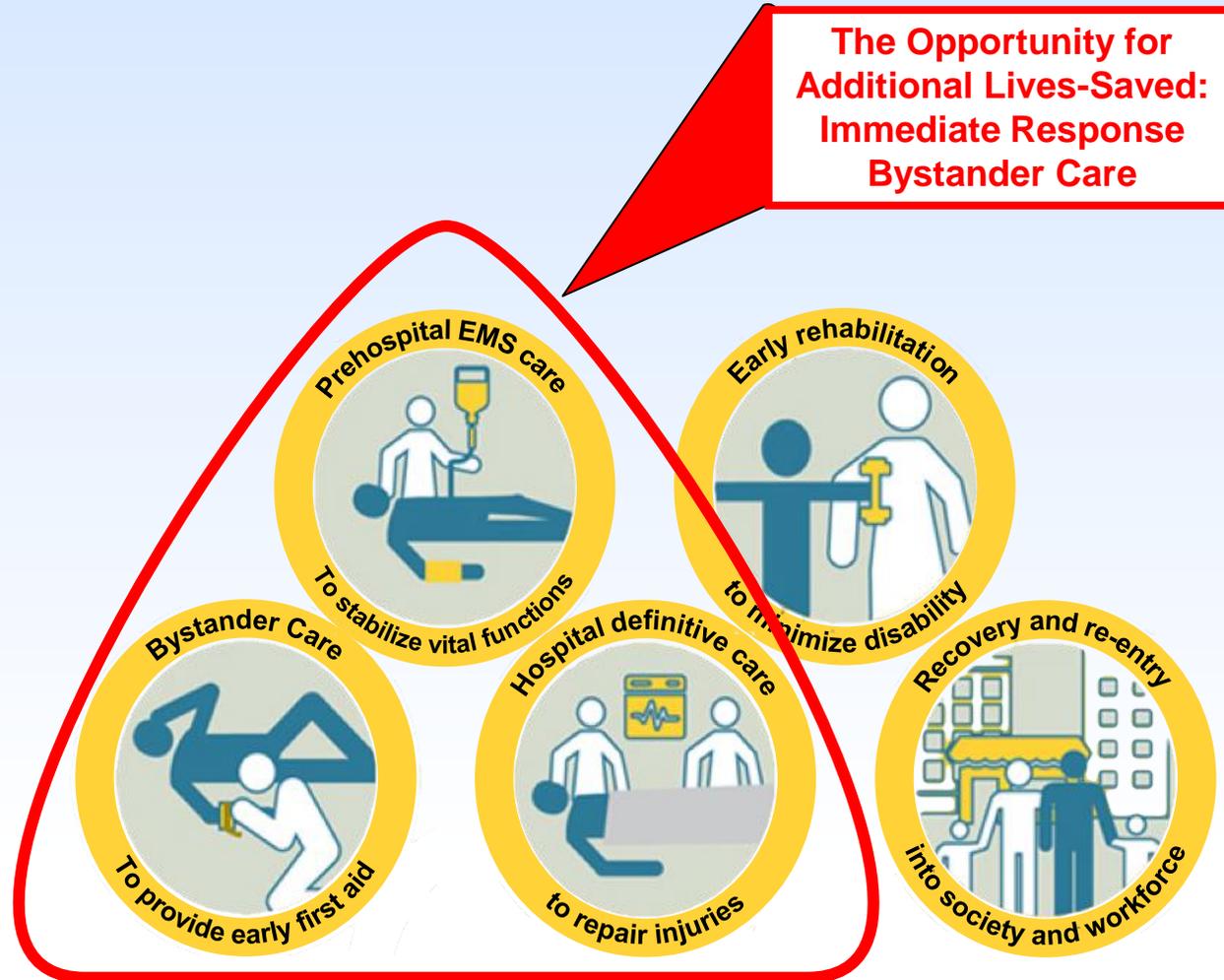
Opioid OD & Poisoning

Anaphylaxis

Major Trauma

Transportation Accidents

Bullying



Source: This graphic was adapted from National Academies of Sciences, Engineering, and Medicine. 2016. *A national trauma care system: Integrating military and civilian trauma systems to achieve zero preventable deaths after injury*. Washington, DC: The National Academies Press.



Surfing the Healthcare Tsunami Hospital Leaders Toolbox



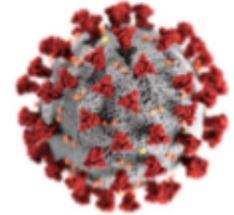
The **Surfing the Healthcare Tsunami Hospital Leaders Toolbox** has been released online! Go deeper into the subject matter of the documentary by exploring the 5 Rights of Imaging™, the Boardroom, Racing & Aviation, and much more. [Click here](#) for more details.

[Click here](#) to watch the entire 58-minute documentary online.

Coronavirus Community of Practice

Join us at Med Tac Global to learn from our experts as we work through the Coronavirus Crisis.

[Click here](#) to go to our Med Tac Global Bystander Rescue Care Program.



High Performance 5 Rights Collaboratives



We are undertaking high impact research activities in the fields of Imaging of Adults and Children, Pain Care, Back Care, Testing, and Surgery to convert Waste to Value and Harm to Healing. For more information on each collaborative, click [Imaging](#), [Imaging Children](#), [Back](#), [Pain](#), [Testing](#), [Cancer](#), or [Surgery](#).

CAREMOMS®

[Click here](#) to find out about CareMoms®, our latest endeavor. CareMoms® is a new grassroots initiative whose vision is to **Save Lives, Save Money, and Build Value in Communities.**

High Performer Webinar

May 21, 2020, 12:00 pm – 1:30 pm CT / 1:00 pm – 2:30 pm ET

Coronavirus Survive & Thrive Guide for Caregiver & Critical Worker Families

Session Overview



Dr. Gregory Botz, Heather Foster, RN, and a rapid response team of more than 30 clinical, operational, and community impact leaders contributed to this program. It is a multimedia platform for the critical infrastructure workers from 16 industry sectors. It has been designed for non-medical families who may have to prepare a care room for a loved one at home.



Community of Practice



About

Values & Team

Coronavirus Response

Webinar Programs

Specialty Programs

Innovations & Supplies

CAREUNIVERSITY

August 6, 2020 Webinar

July 2, 2020 Webinar

June 18, 2020 Webinar

May 21, 2020 Webinar

March 18, 2020 Webinar

Webinars Resources



Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

June 18, 2020, 12:00 pm – 1:30 pm CT / 1:00 pm – 2:30 pm ET

Pandemic Preparedness: Surfing the Next Wave

Session Overview

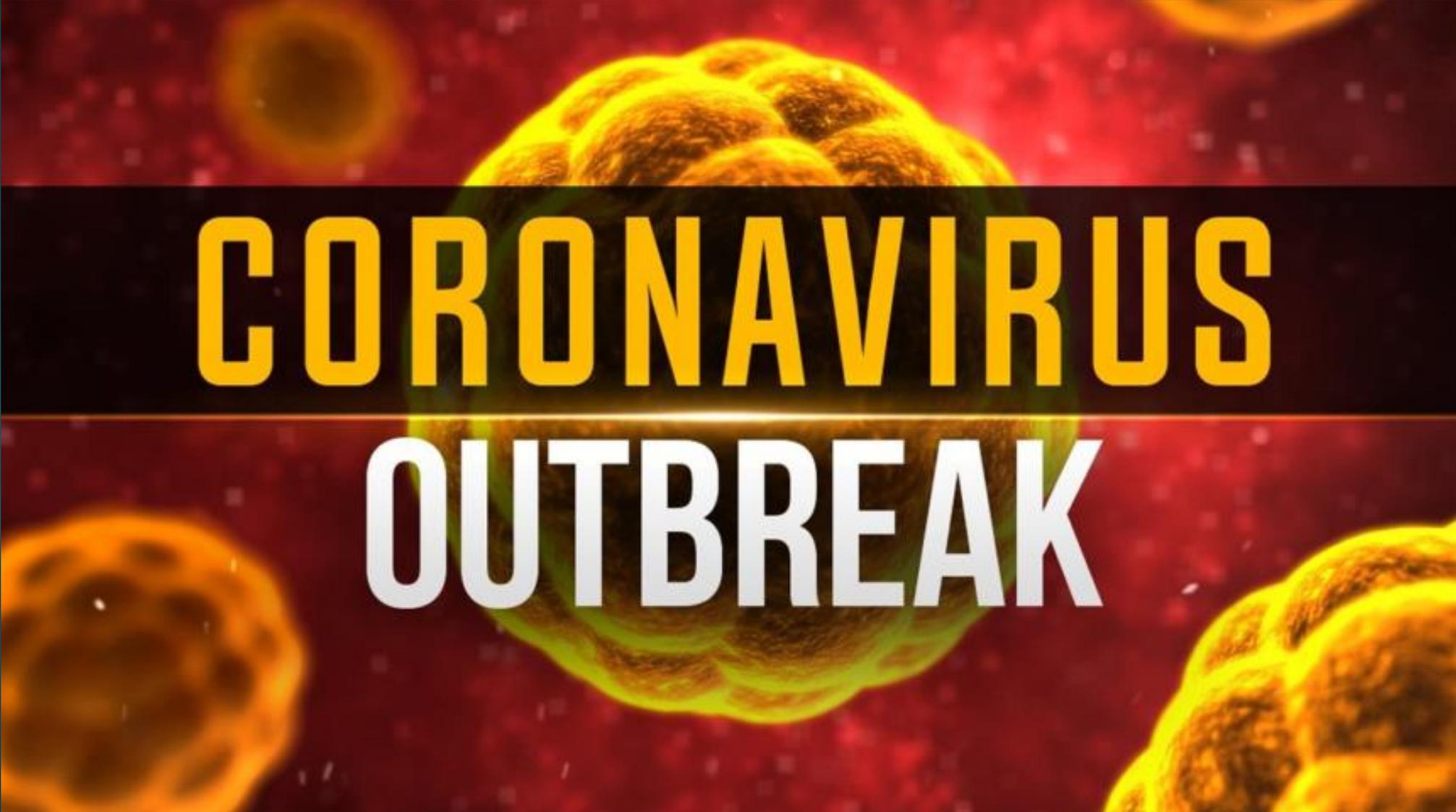


Dr. Marian E. Von-Maszewski is the Emergency Readiness Officer for the MD Anderson Cancer Center having exhibited extraordinary leadership during hurricane Harvey. She is now playing another critical leadership role during the Coronavirus Crisis. She is Assistant Professor, Department of Critical Care, Division of Anesthesiology and Critical Care, The University of Texas. She and a panel of experts will help us understand the lessons we have learned about patient and caregiver safety that can be applied to a second wave, another pandemic, or another crisis requiring emergency preparedness.

This emergency response initiative is part of the **Global Med Tac Bystander Rescue Care** program for the public.

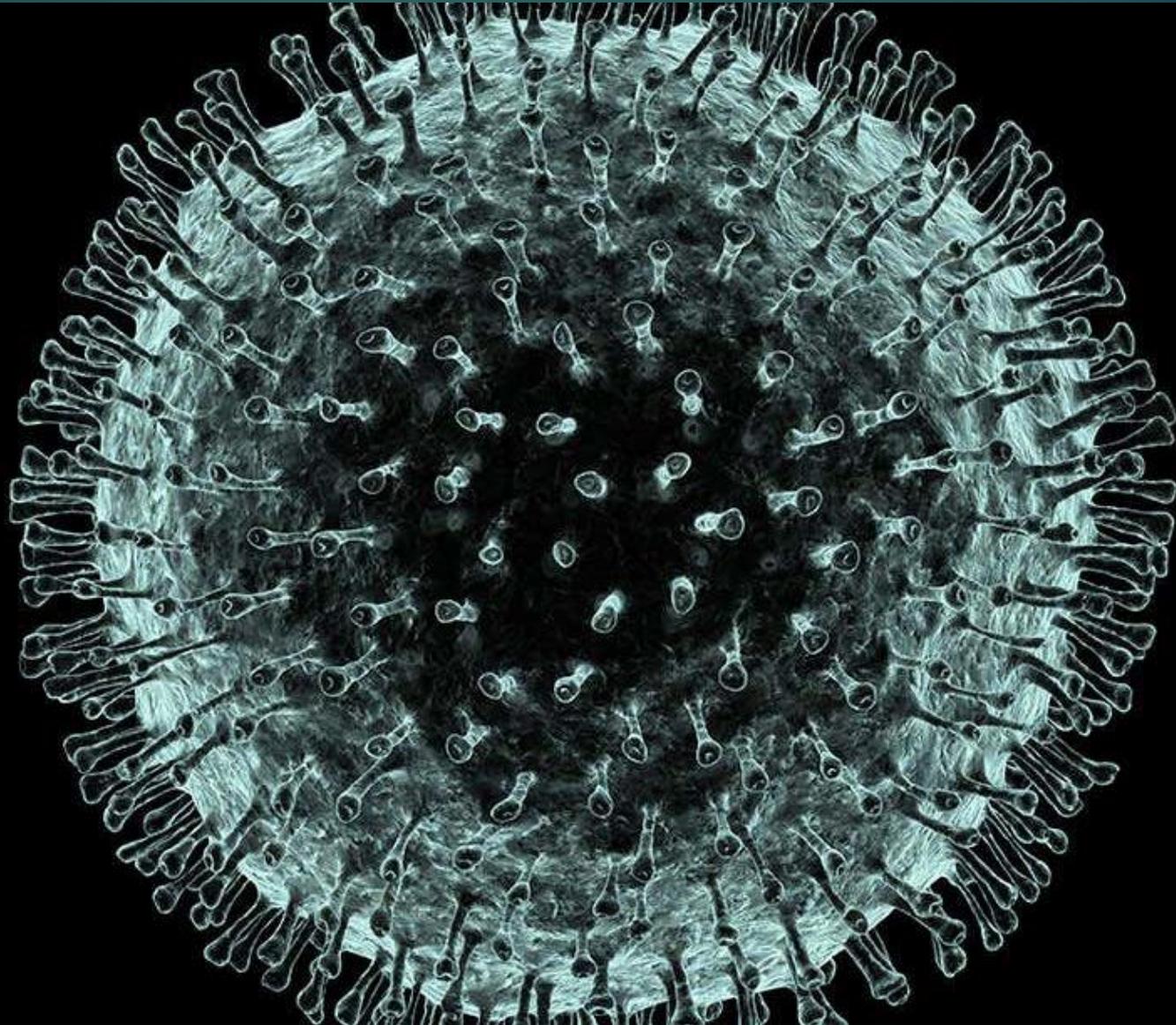
Webinar Video, and Downloads

Have you heard???

A microscopic view of several coronavirus particles, which are spherical with a distinct outer shell and a darker, textured interior. The particles are set against a dark red, almost black, background with a fine, grainy texture. The lighting is dramatic, highlighting the three-dimensional structure of the viruses.

CORONAVIRUS OUTBREAK

Coronavirus



Coronavirus Origins



Wet Market Wuhan China



大众畜牧野味

品名	价格	品名	价格	品名	价格	品名	价格	品名	价格	品名	价格		
活孔雀	500/只	活鸭腿	500	活蝎子	500	狐狸肉	45	活豚鼠	40	鹿鞭	38	鳄鱼尾	45
孔雀肉	25/斤	活珍珠鸡	15	活蜗牛	15	活狼仔	75	活猪鬃	40	鹿血	100/斤	鳄鱼掌	60
活大雁	120	活贵妃鸡	15/斤	蜗牛肉	30	狼仔肉	70/斤	活藏香猪	30	鹿筋	100	鳄鱼肝	30
去骨大雁肉	15	土鸽	18/斤	蚕蛹	150	果子狸	130	活豪猪	45	干鹿筋	150	鳄鱼胆	30
活鹧鸪	15	铁雀	100/斤	蝎子	100/斤	活刺猬	70	活野猪	30	鹿茸	50	鳄鱼舌	35
活火鸡	28	活白鹅	15/斤	木虫	100/斤	刺猪肉	8/斤	牦牛肉	30	袋装鹿肉	30	活树蛙	25
活斗鸡	50/斤	香椿鸡	15/斤	竹虫	75	活海狸	25	牦牛掌	45	鹿鞭	100/斤	活山鱼	90
活野鸡	60	活鸵鸟	400/斤	活竹鼠	85	活野猪	28	骆驼肉	30	鹿排	38	活响尾蛇	55
野鸡肉	25/斤	鸵鸟肉	45	活黄鼬	75	花猪肉	25	骆驼骨	40	活鹿子	55	活水獭	500
斑鸠	18/斤	鸵鸟蛋	80	活黄鼬	30	活石貂	30	骆驼蹄	20	活麝香	70	活水獭	500
竹鸡	15/斤	鸵鸟肾	45	活黄鼬	60	豹子肉	25	活梅花鹿	50	特选鹿茸	60/斤	活响尾蛇	60
藏鸡	9/斤	野山羊	40/斤	活黄鼬	30	兔肉	15	小活鹿	600/斤	活树蛙	65	活响尾蛇	60
线鸡	15/斤	野兔	25	活黄鼬	75	野猪肉	120	鹿白条	35	活响尾蛇	40	活响尾蛇	40
有框鸟	15/斤	野兔	25	活黄鼬	75	活野猪	25	冷鲜鹿肉	38	响尾蛇	40	活响尾蛇	20
蜈蚣	5/斤	金蝉	70	活黄鼬	75	活野猪	25	鹿腿	40	响尾蛇	25/斤		

活着现宰 速冻冰鲜 送货上门 代办长途托运
地址：湖北省武汉市汉阳火车站华南海鲜市场东区（11街）后街7-13号
电话：027-65658441 13647233858 13907129699 网址 www.whdaz.com
工商银行汉北支行 6222083202014342311 武汉农业新华支行 6228480050741706217
建设银行支行 6217002870007563156 邮政 6221885200231709074
微信：13647233858 支付宝：13647233858

Bats



Human Coronavirus Types

Coronaviruses are named for the crown-like spikes on their surface. There are four main sub-groupings of coronaviruses, known as alpha, beta, gamma, and delta.

Human coronaviruses were first identified in the mid-1960s. The seven coronaviruses that can infect people are:

Common human coronaviruses

1. 229E (alpha coronavirus)
2. NL63 (alpha coronavirus)
3. OC43 (beta coronavirus)
4. HKU1 (beta coronavirus)

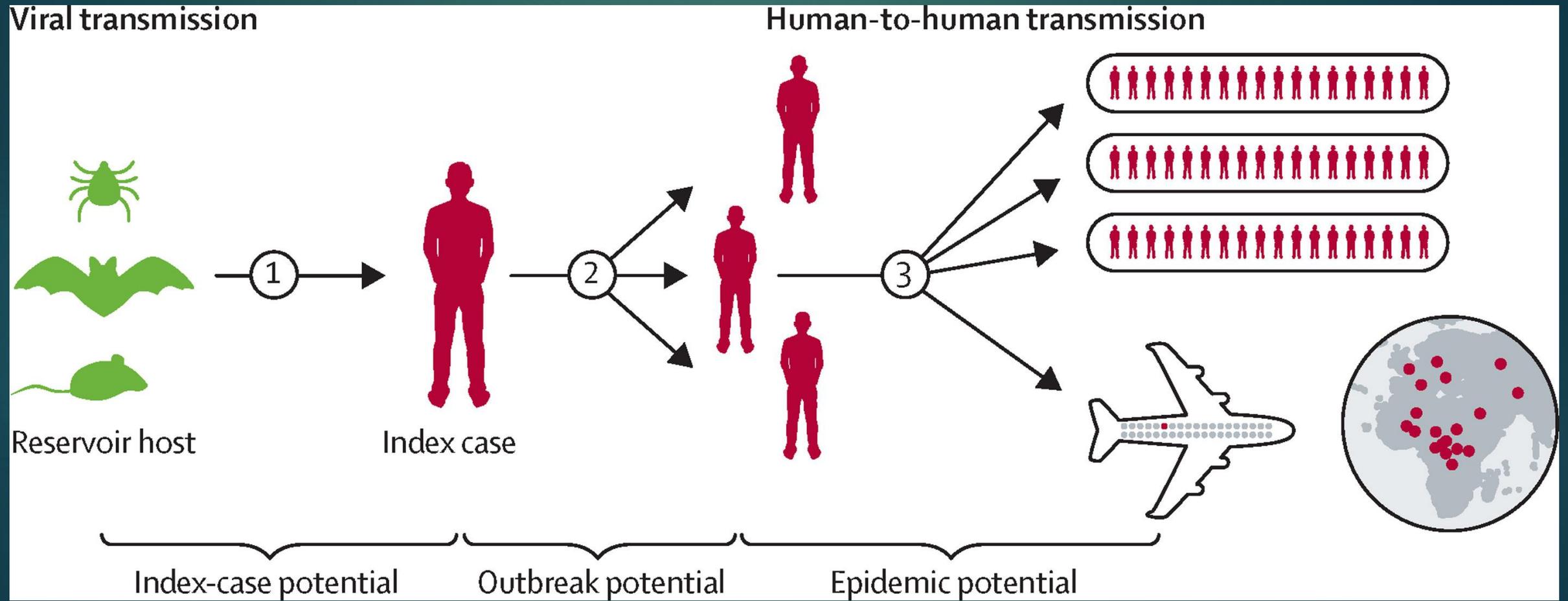
Other human coronaviruses

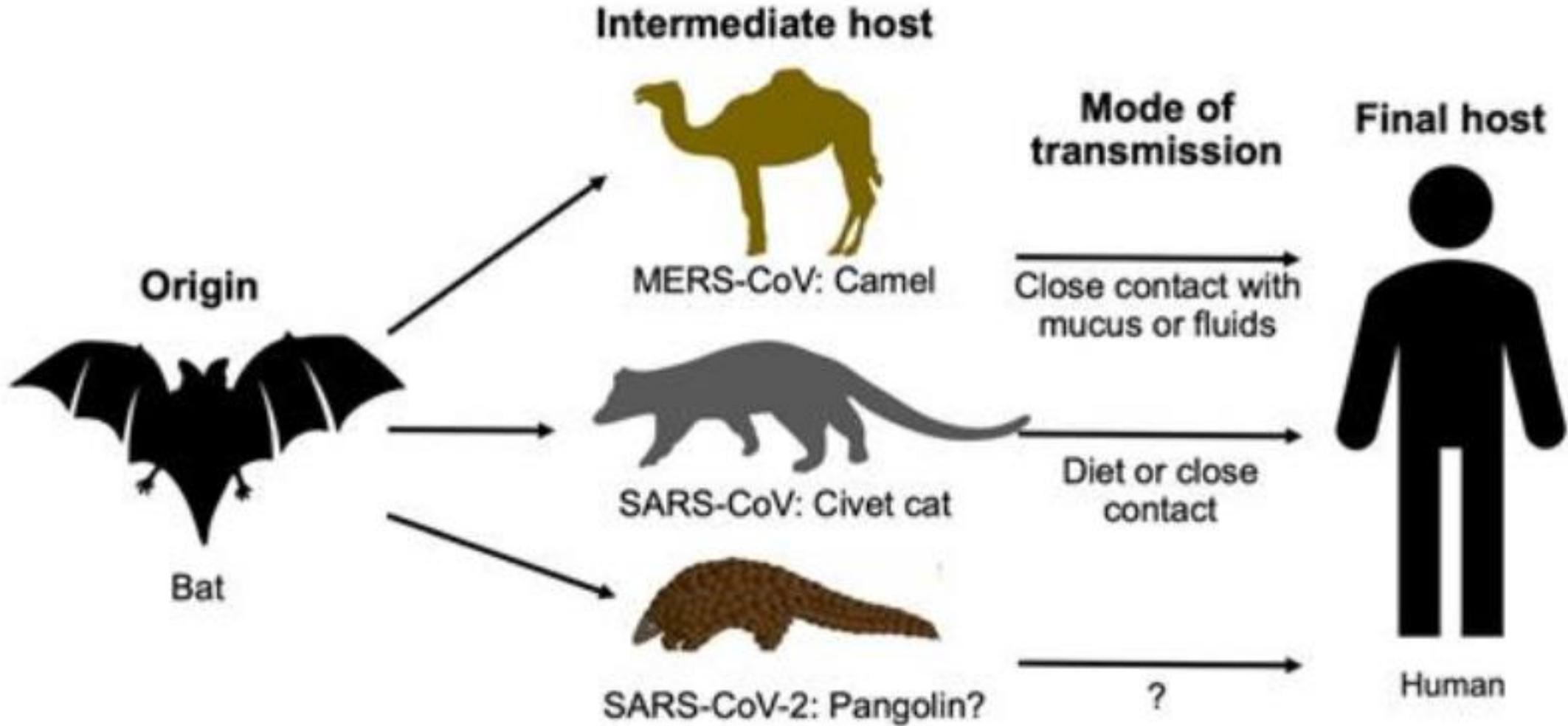
5. MERS-CoV (the beta coronavirus that causes Middle East Respiratory Syndrome, or MERS)
6. SARS-CoV (the beta coronavirus that causes severe acute respiratory syndrome, or SARS)
7. [SARS-CoV-2 \(the novel coronavirus that causes coronavirus disease 2019, or COVID-19\)](#)

People around the world commonly get infected with human coronaviruses 229E, NL63, OC43, and HKU1.

Sometimes coronaviruses that infect animals can evolve and make people sick and become a new human coronavirus. Three recent examples of this are 2019-nCoV, SARS-CoV, and MERS-CoV.

Zoonotic Transmission- Animals to Humans





Global Cases

39,580,502

Cases by
Country/Region/Sovereignty

8,100,662 US

7,432,680 India

5,224,362 Brazil

1,376,020 Russia

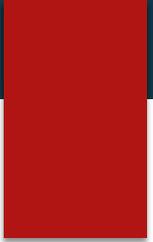
979,119 Argentina

952,371 Colombia

936,560 Spain



COVID-19 Global Map

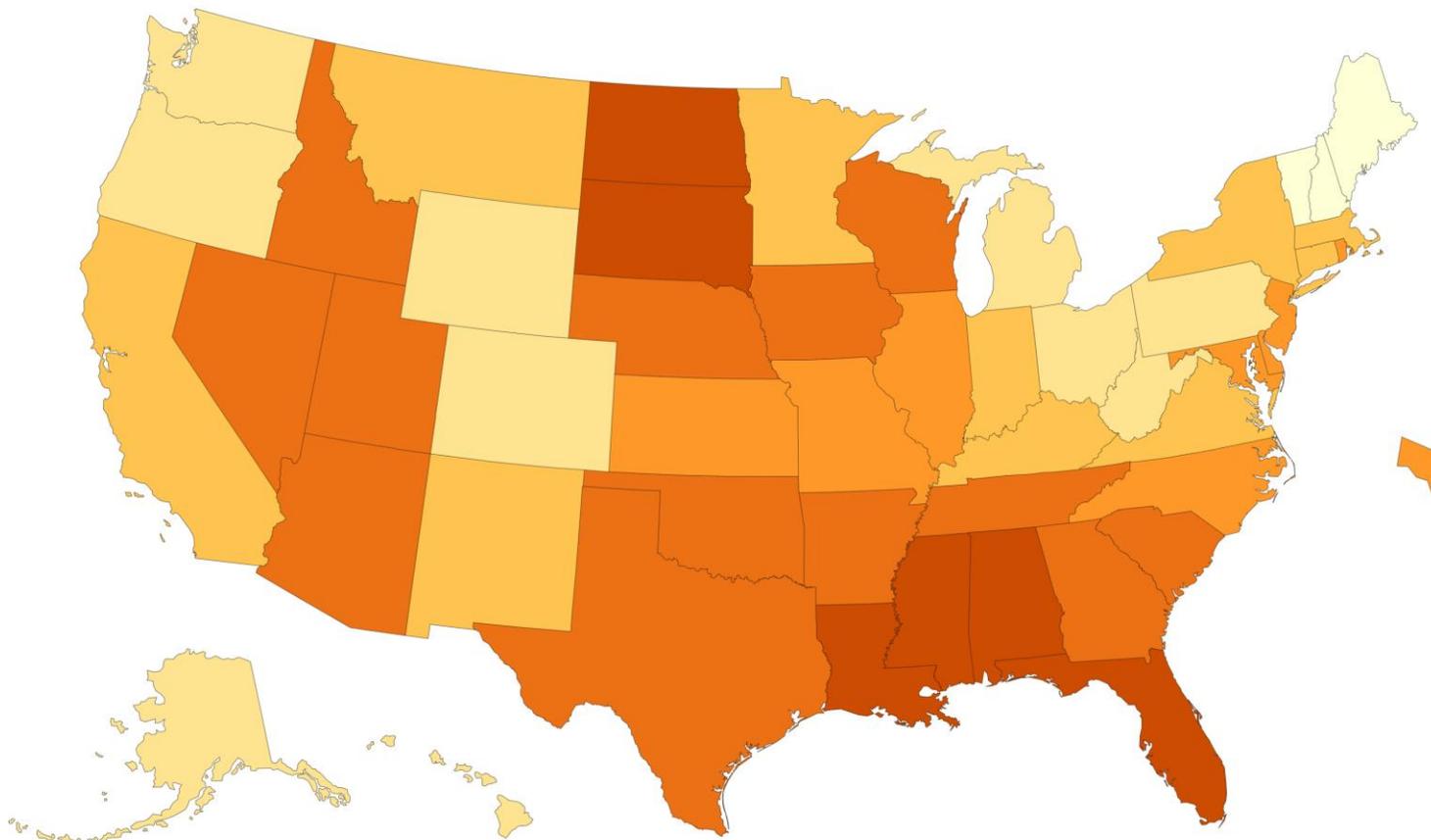


USA:

Total Cases:
8,050,141

Deaths:
218,599

Recovered:
3,197,539



Texas:

Total Cases:
815,678

Deaths:
16,894

Recovered:
719,478

Territories



Case Rate per 100,000

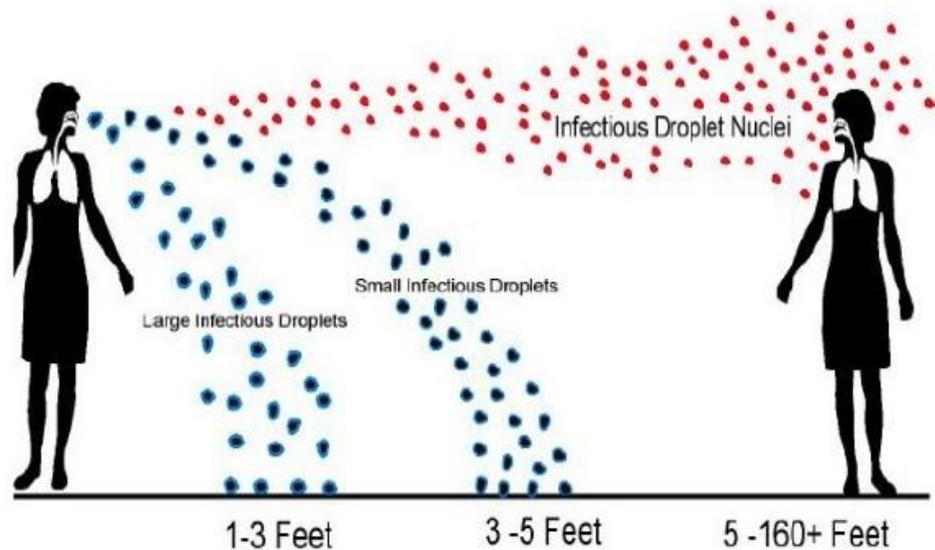


Updated 10/18/2020 from ECDC, WHO, and local government sites

Viral Fusillade!



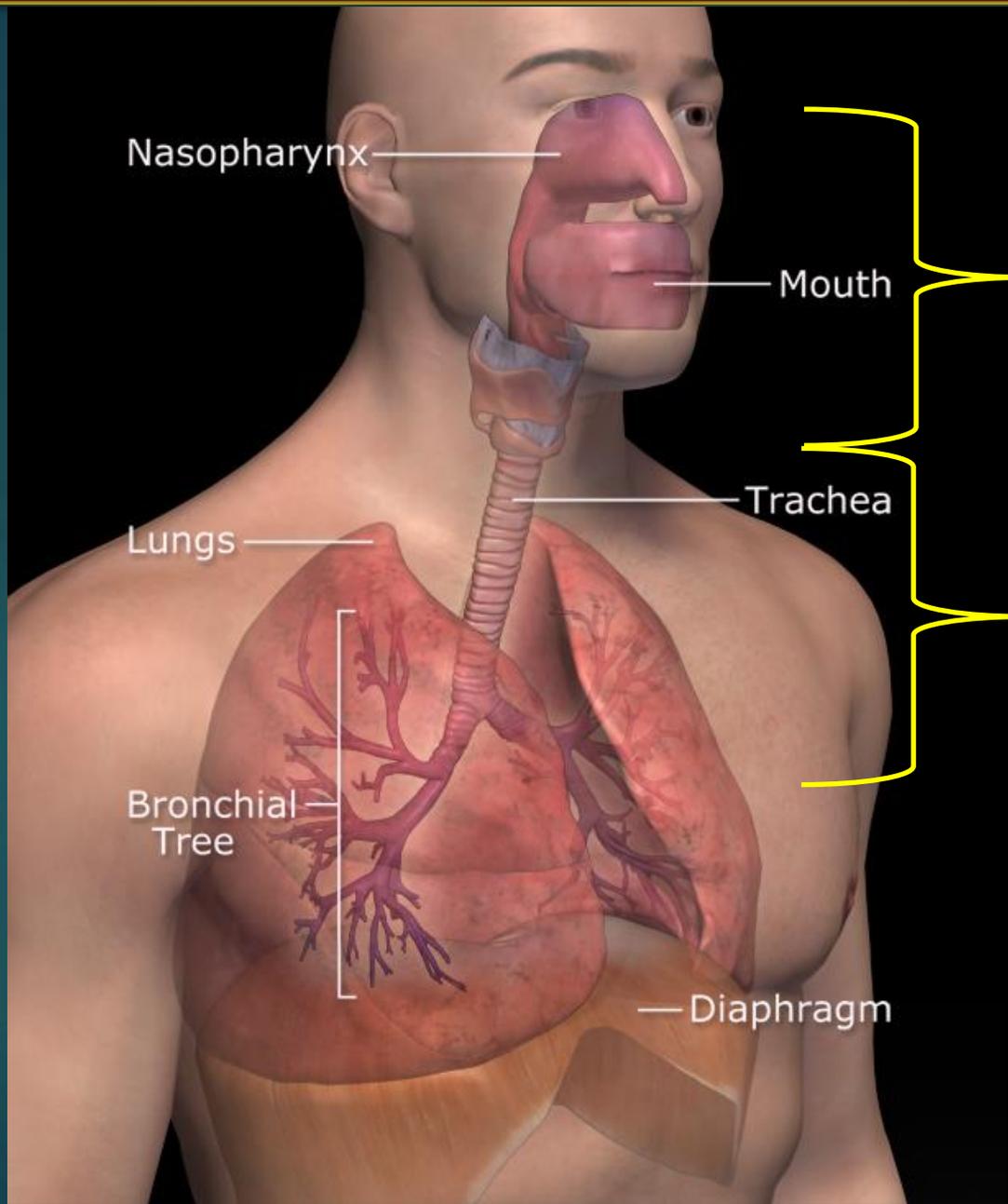
Infectious Droplets & Droplet Nuclei travel lengths



Transmission:

- Contact with mucous membranes
- SARS-CoV-2 spreads mainly in respiratory droplets
- Once airborne, these fall rapidly onto the ground and typically don't land more than one meter away.
- A single sneeze can unleash 40,000 droplets between 0.5–12 micrometers in diameter.
- SARS-CoV-2 can exist on surfaces for hours to days.
- Viral shedding in stool

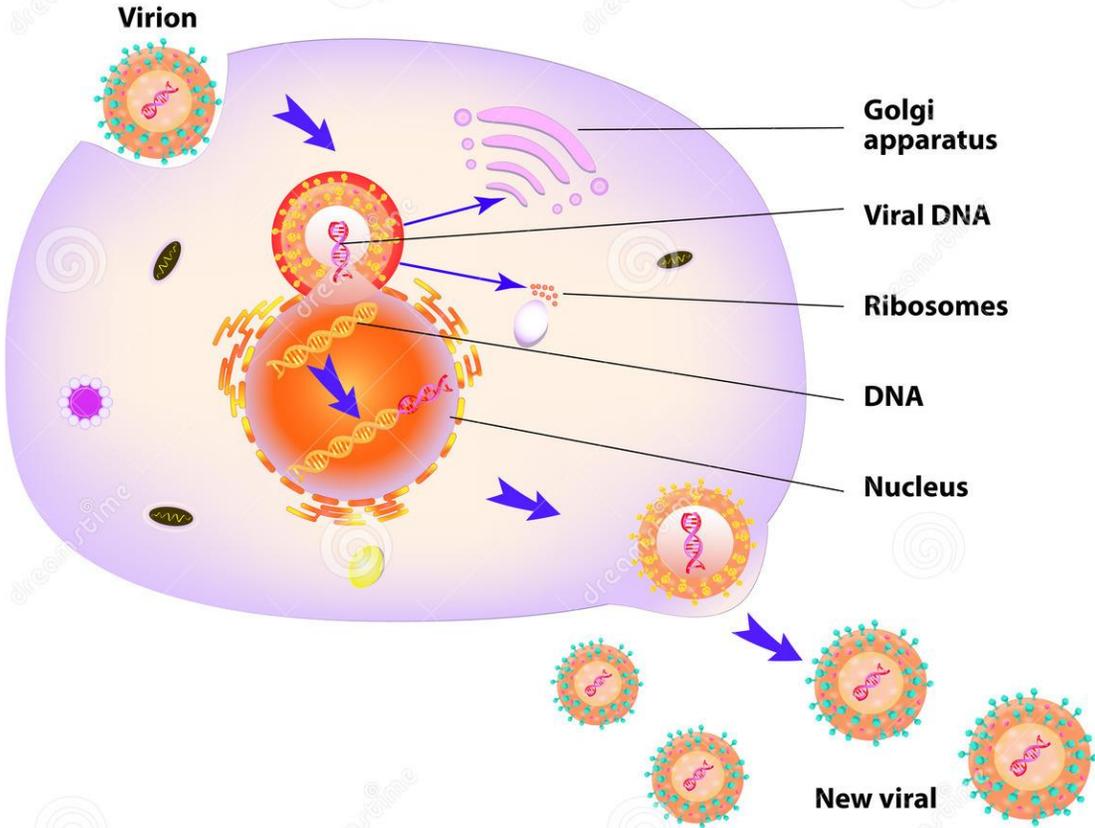
Infection Targets



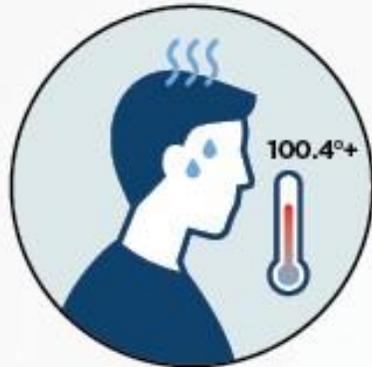
Influenza
“Common Cold”
Upper Respiratory Infection

Coronavirus (SARS CoV-2)

Virus Replication



SYMPTOMS OF COVID-19



FEVER OVER
100.4 DEGREES



COUGH OR
SORE THROAT



DIFFICULTY
BREATHING



CHILLS

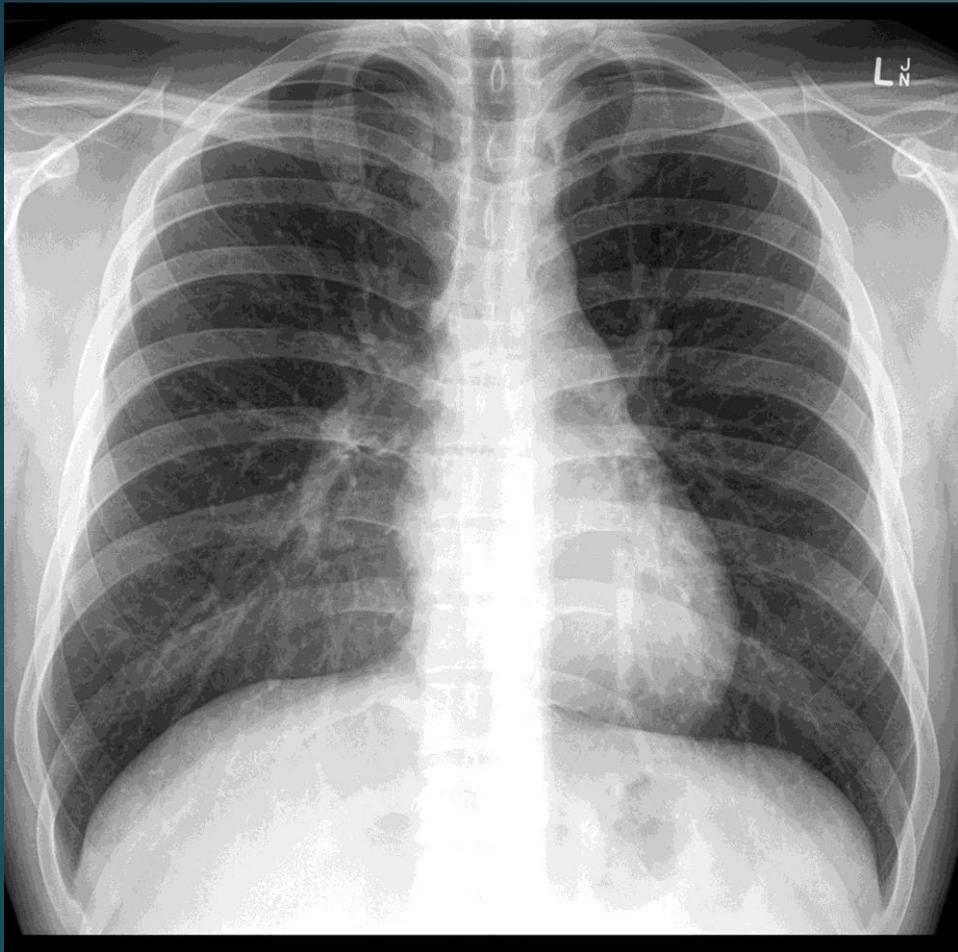


MUSCLE PAIN

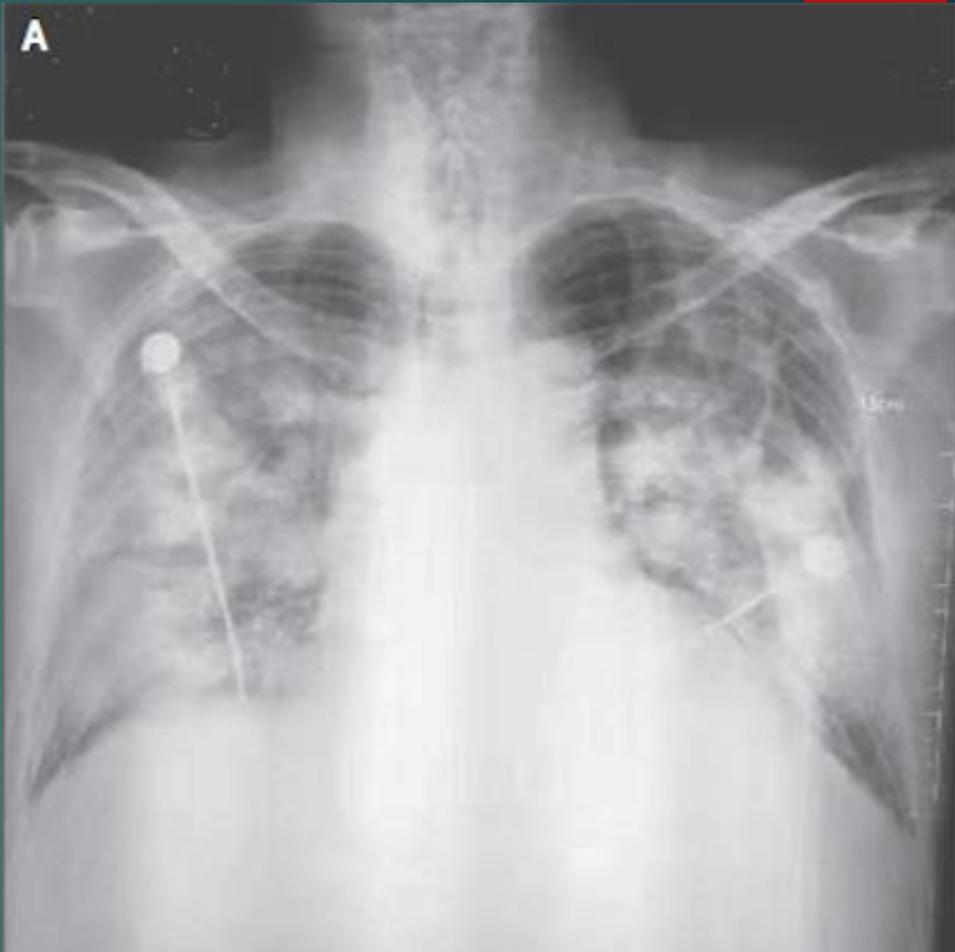


NEW LOSS OF
TASTE OR SMELL

Chest X-Ray

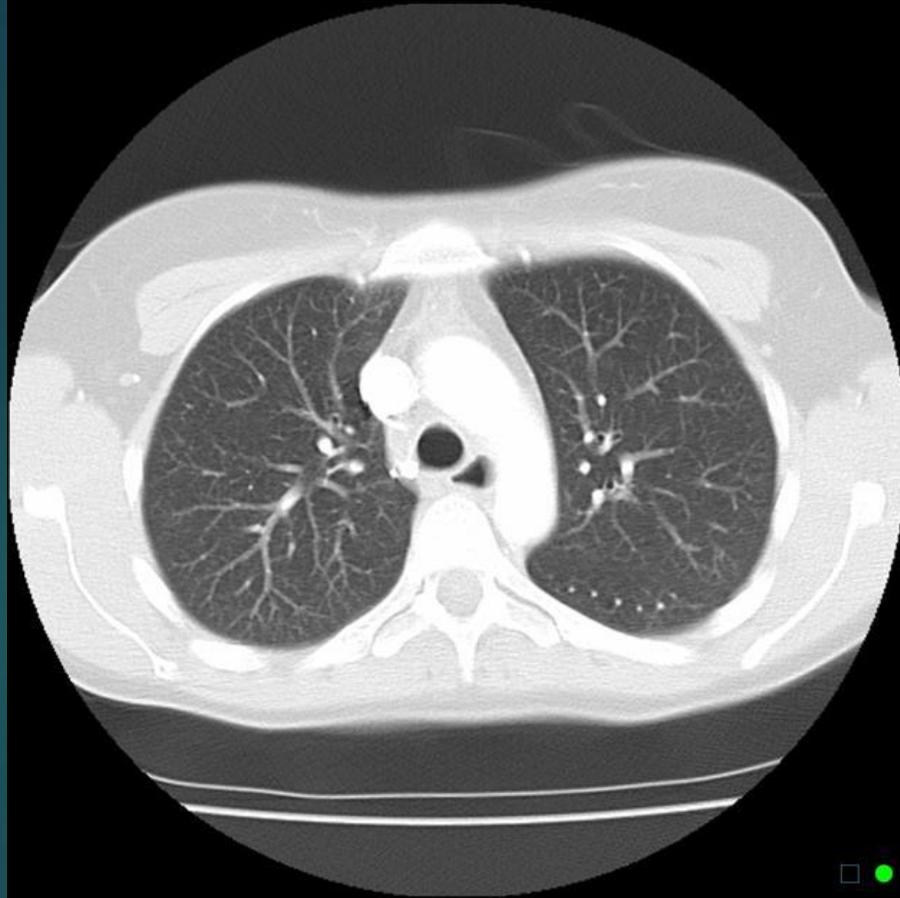


Normal



Pneumonia

Chest CT Scan

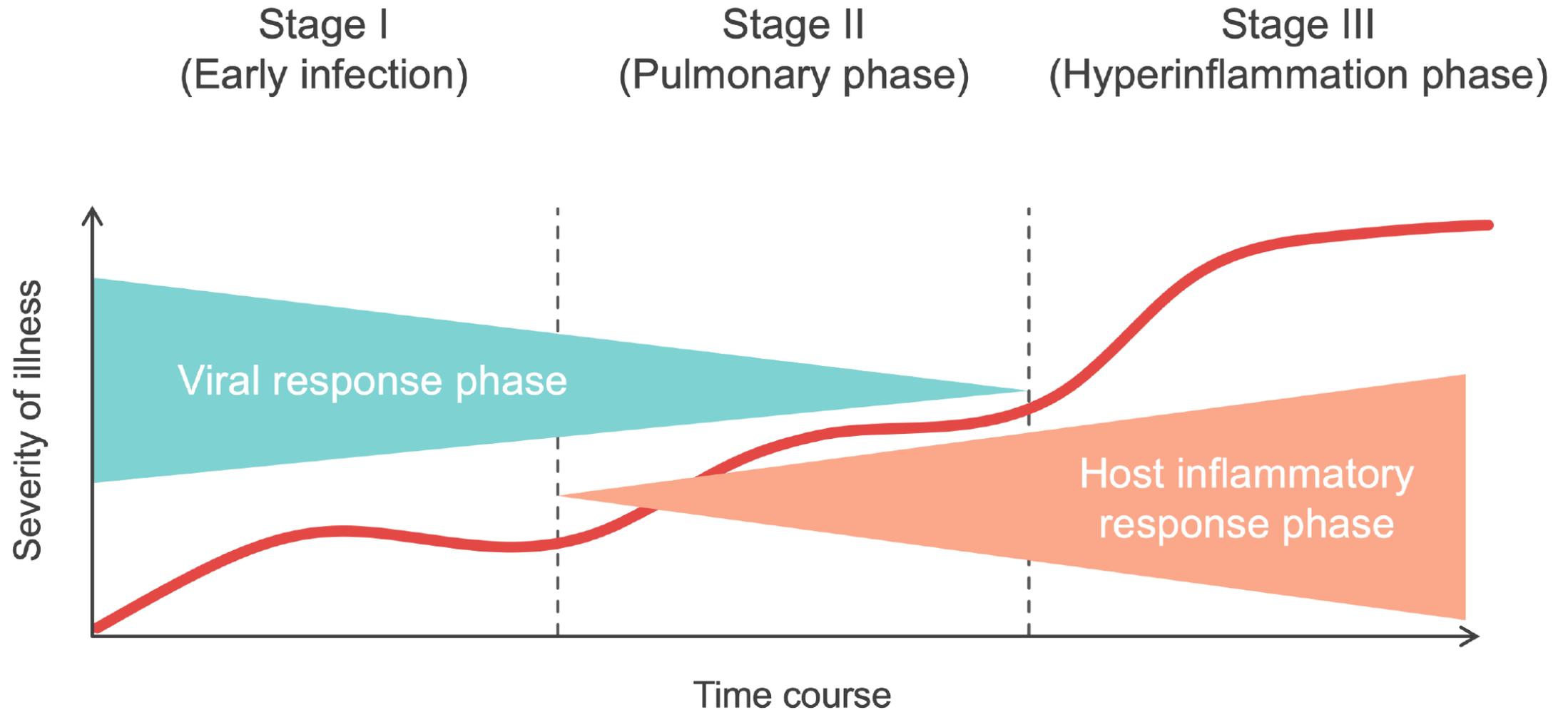


Normal



Ground Glass Pneumonia

COVID-19 Evolution



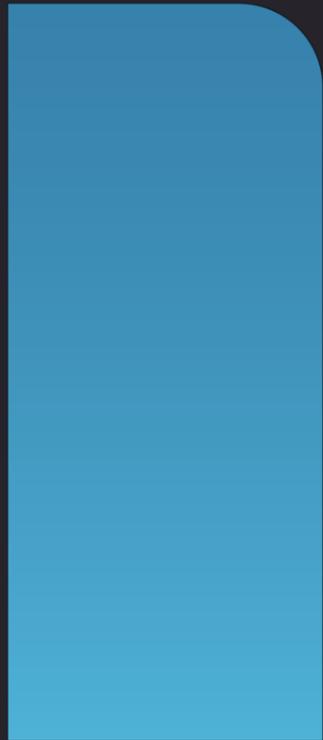
Coronavirus COVID-19 Disease Spectrum

COVID-19 #CORONAVIRUS INFOGRAPHIC DATA PACK

The Majority of Infections are Mild

Seriousness of symptoms

80.9%



MILD
Like flu, stay at home

13.8%



SEVERE
Hospitalization

4.7%



CRITICAL
Intensive care

informationisbeautiful

study of 44,672 confirmed cases in Mainland China
sources: China Centre for Disease Control & Prevention, Statista

MILD:

Slight symptoms to mild pneumonia.
None were fatal; all recovered.

SEVERE:

Difficult or labored breathing, an increased rate of breathing, and decreased blood oxygen levels.
None were fatal; all recovered.

CRITICAL:

Respiratory failure, septic shock, and/or multiple organ dysfunction or failure.
About half of these patients died.

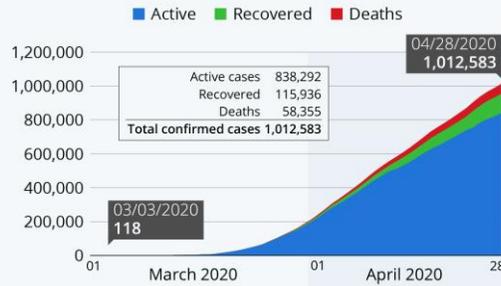
Overall Mortality: 2.3%

*Highest in age > 80 and pre-existing Heart Dx
Limited by availability of COVID-19 testing*

From: Tomas Pueyo. Coronavirus: Why You Must Act Now. Politicians, Community Leaders and Business Leaders: What Should You Do and When? <https://medium.com/@tomaspueyo/coronavirus-act-today-or-people-will-die-f4d3d9cd99ca>. Accessed 3/16/20.

U.S. Passes 1 Million COVID-19 Cases 56 Days After Hitting 100

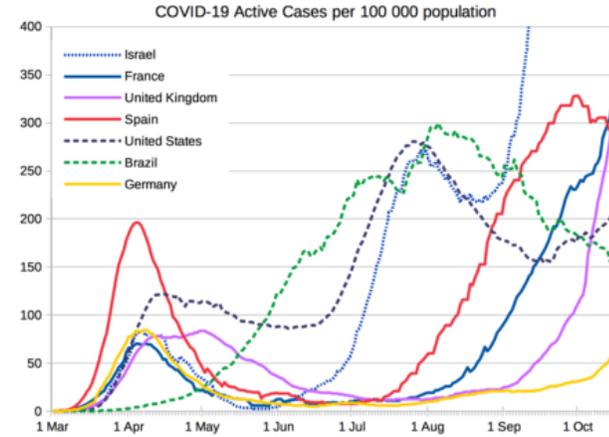
Cumulative number of confirmed COVID-19 cases in the United States



As of April 28, 2020, 11:30 PM EDT
Source: Johns Hopkins University



statista



COVID-19 Pandemic Cases

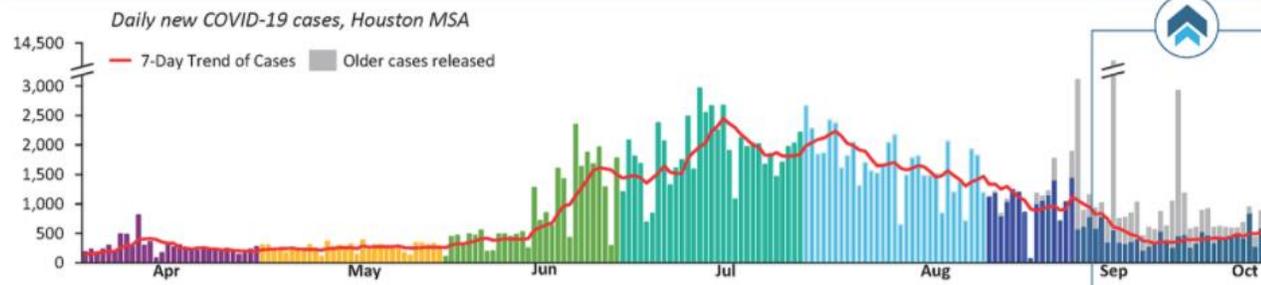
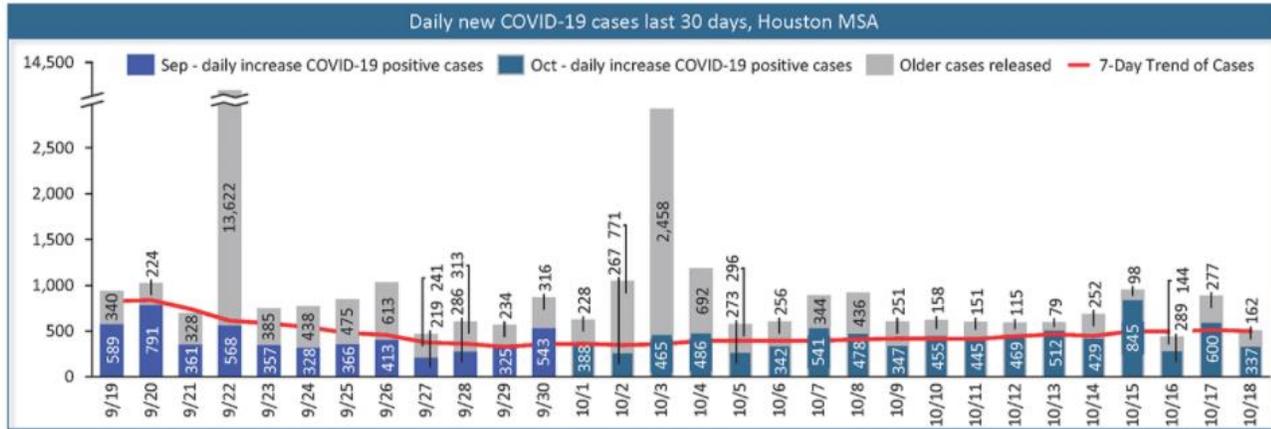
Trends in Number of COVID-19 Cases in the US Reported to CDC, by State/Territory



DAILY NEW COVID-19 POSITIVE CASES

Greater Houston Area¹

Houston COVID Cases



TMC | TEXAS MEDICAL CENTER
 TMC refers to the group of systems that make up Texas Medical Center

1. Austin, Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery and Waller
 Source: TX Health and Human Services (<https://www.dshs.texas.gov/coronavirus/>)

SPANISH INFLUENZA--WHAT IT IS AND HOW IT SHOULD BE TREATED

New--Simply The Old Grip, or La Grippe
Epidemic in 1889-90, Only Then It Came From
Way of France and This Time by Way of S

Rest and Stay Quiet---Take a Laxative--Eat
Nourishing Food---Keep Up Your Strength--
Nature Is The Only Cure.

ALWAYS CALL A DOCTOR
No Occasion For Panic

Spanish influenza, which appeared
in May, has the appearance of
which has been described as
phlegm and keeping the
open, thus making it
easier, Vlek's Vapa R
Hot.

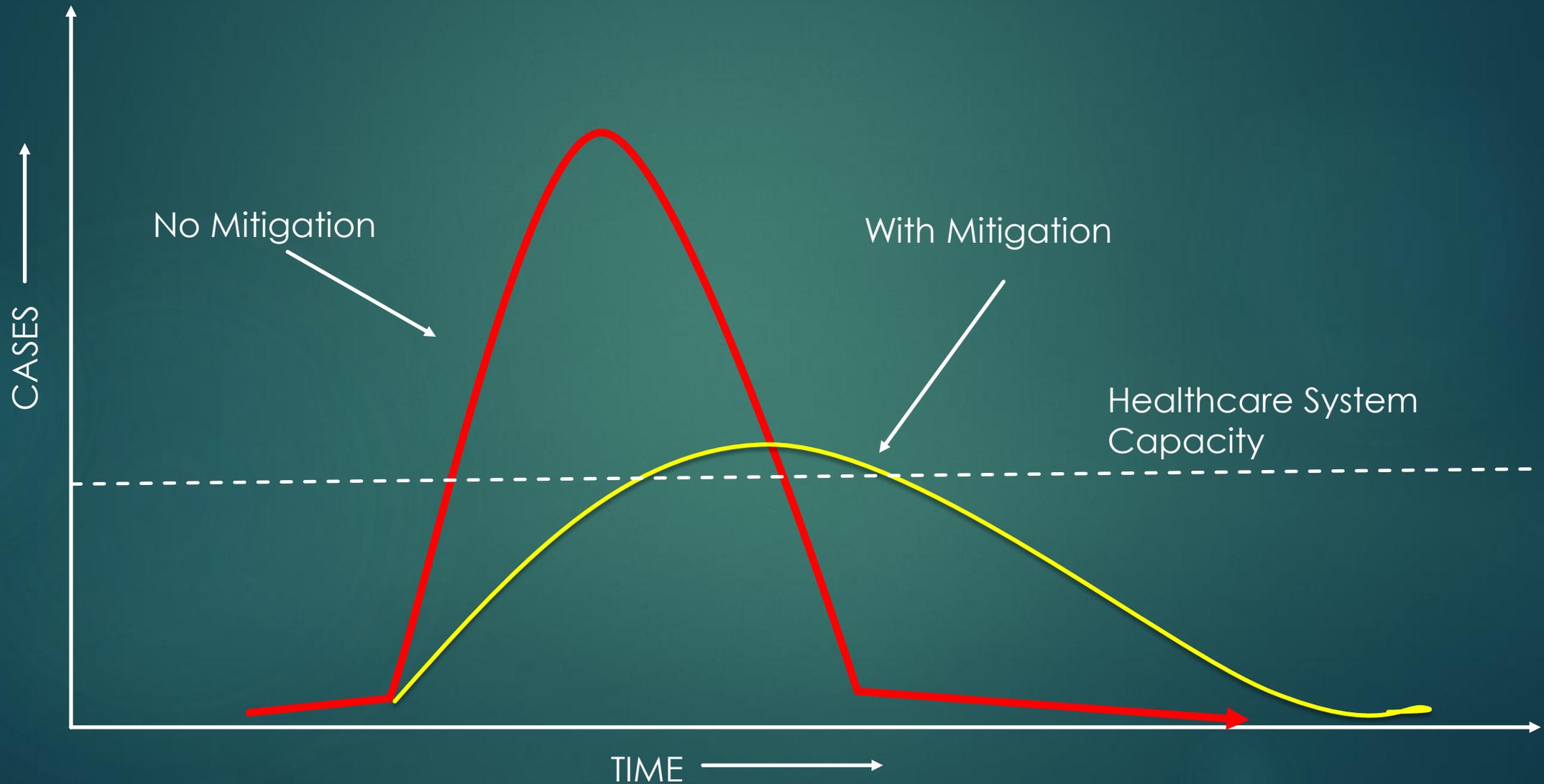


1918 Spanish Flu Pandemic



Healthcare System Overwhelmed!

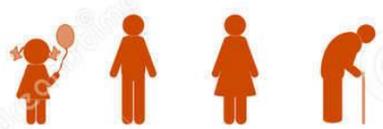
Pandemic: Flattening the Curve



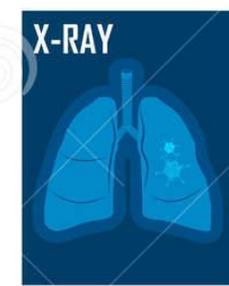
Influenza & URI



Outbreaks of the flu



With more than 500 000 hospitalization each year



X-RAY



Vaccination



Antivirals



Adenoviruses



Influenza virus

Signs and symptoms



Headache



Cough



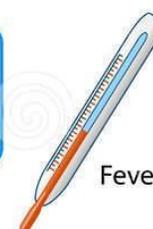
Sore throat



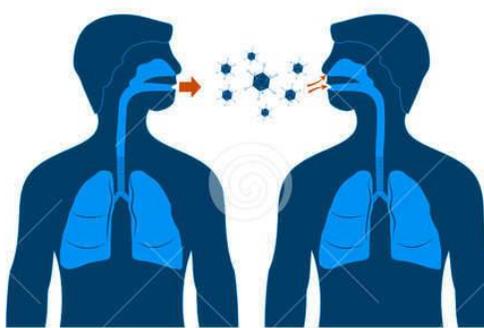
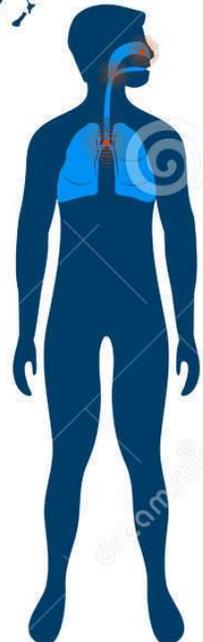
Joints aches



Runny



Fever



A photograph of a closed metal roll-up door. The door is white with horizontal slats. On the door, there is a sign. The word "Sorry," is written in a large, red, cursive font. Below it, the words "WE'RE" and "CLOSED" are written in a smaller, black, bold, sans-serif font, stacked on two lines. The door is set in a dark frame, possibly a stone or concrete wall.

Sorry,

**WE'RE
CLOSED**

Response to COVID-19 Pandemic



CDC Guidelines



**Social
Distancing**



**Disinfecting
Surfaces**



**Hand
Washing**



**Use of
Masks**



Testing, Tracing, Quarantine...

Essential Critical Infrastructure Workers



Essential Workers

**40% of
Work
Force**

**No Family
Training
Provided**



Essential Critical Infrastructure Workers



Essential Workers *and their Families!*







Coronavirus Care Community of Practice

Bystander Rescue Care *CareUniversity Series*



John Nance JD



Dr. Gregory Botz



Chief William Adcox



Heather Foster



Dr. Charles Denham



Dr. Casey Clements



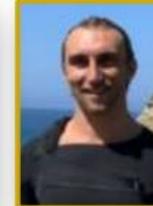
Beth Ullem



Dr. McDowell



Dennis Quaid



Preston Head III



Fred Haise



Dr. Steve Swensen



Tyler Sant



Avarie Pettit



Dr. Mary Foley



Bob Chapman



Perry Bechtle III



Becky Martins



Betsy Denham



Charlie Denham III



Dr. C Peabody



Dr. Chris Fox



Randy Styner



Tom Renner



David Beshk



Ann Rhoades



Nancy Conrad



Dr. Chopra



John Little



Debbie Medina



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CAREUNIVERSITY

Med Tac Bystander Rescue Care

Med Tac is short for "Medical Tactical" and is an advanced first aid platform to battle failure to rescue. The mission is to teach anyone the critical bystander care skills that can save lives during the most common life threatening emergencies. Our focus is to train all ages to provide the greatest help in the first 10 minutes before professional first responders arrive and then assist them when they do. The training includes how to work with professional first responders and how to help families as they proceed through hospital emergency care.



Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

Coronavirus: Protecting You & Your Family

In response to the Coronavirus pandemic we have asked our panel of experts to produce a series of free webinars to help the public, professional first responders, security and medical volunteers, and families deal with the critical issues. [Click here for all Coronavirus Content](#)

Video Library

Med Tac Story

Med Tac Leadership Team

Adopt a Cove Program

5 Rights of Emergency Care

College and Youth Program

Surf & Lifeguard Program

3 Minutes & Counting Trailer

Opioid Overdose Briefing





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CAREUNIVERSITY

This webpage and videos have been produced for essential infrastructure workers and general public families. We have drawn on our network of 500 subject matter experts and a patient safety community of practice of 3,100 hospitals in 3,000 communities to tackle the Coronavirus Crisis. To join the Coronavirus Community of Practice and have the option of taking our Survive & Thrive™ certification courses and earn continuing education credits [click here](#). The first short video in the Basic Videos library below describes how you can participate. Join our free monthly 90 minute webinars for families of professional caregivers, essential workers, and the public. [Click here](#) to register. [Join Our Community Intro Video Click Here](#)

Coronavirus – Protecting You & Your Family

See the videos, answers to FAQs, and resources below. They will be continuously updated for the communities we serve.



**Coronavirus Care
Community of Practice**

**Bystander Rescue Care
CareUniversity Series**

We have organized the videos below as BASIC VIDEOS to provide critical information quickly.
For those who want more detail, view the ADVANCED VIDEOS. The source articles may be downloaded below.

Survive & Thrive Guides

MED TAC ALABAMA | Survive & Thrive Guide | Coronavirus Response CareUniversity Series

Back to Work

Back to School



This program provides the leadership, practice, and technology information that can help ocean lovers return to the beach while making sure to be as safe as possible. We provide the concepts, tools, and resources that the public and professional first responders can use to keep the community safe.

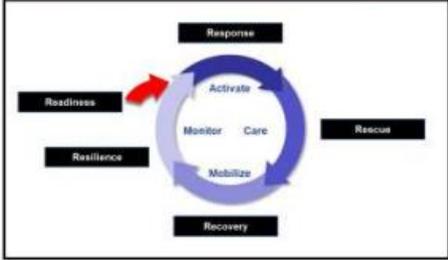
T RUTH	What do you want them to KNOW ?	The Science of Spread and Safety.	 HEAD
T RUST	What do you want them to FEEL ?	The Fight for Life for your loved ones.	 HEART
T EAMWORK	What do you want them to DO ?	Plan the Work & Work the Plan.	 HANDS
T RAINING	What do you want them to SAY ?	All Teach & All Learn.	 VOICE

See <https://www.medtacalabama.org/coronavirus-care-university-series/> for videos and updates.

MED TAC ALABAMA | Survive & Thrive Guide | Coronavirus Response CareUniversity Series

Back to the Pool

The Health Security Plan



This program provides the leadership, practice, and technology information that can help families prepare a Family Health Security Plan. We provide the concepts, tools, and resources that will help families prepare for pandemics and other major emergencies.

Family Health Security Plan



- Readiness:** Preparation, regular review, and updating of a plan based on latest science. Regular deliberate practice of roles and skills.
- Response:** Family moves to action to respond to an emergency. Safeguards are put in place.
- Rescue:** Preparation, regular review, and updating of a plan based on latest science. Regular deliberate practice of roles and skills.
- Recovery:** Follow up care of family member after an event. Returning to normal family activities and an event.
- Resilience:** Learn new knowledge and skills from ongoing and prior events. Fortify response, rescue, and recovery actions in plan.

See <https://www.medtacalabama.org/coronavirus-care-university-series/> for videos and updates.

MED TAC ALABAMA | Survive & Thrive Guide | Coronavirus Response CareUniversity Series

Back to Worship

Going to the Emergency Department



This program provides the leadership, practice, and technology information that can help ocean lovers return to the beach while making sure to be as safe as possible. We provide the concepts, tools, and resources that the public and professional first responders can use to keep the community safe.



See <https://www.medtacalabama.org/coronavirus-care-university-series/> for videos and updates.

MED+TAC About Us News & Events Coronavirus Resources Webinar Programs

This webpage and videos have been produced for essential infrastructure workers and general public benefits. We have drawn on our network of 500 subject matter experts and a patient safety community of practice of 3,100 hospitals in 1,000 countries to tackle the Coronavirus Crisis. To join the Coronavirus Community of Practice and have the option of taking our Science & Success™ certification courses and web continuing education credits (CME/CEU), the first short video in the Basic Video Library below describes how you can participate. Join our free monthly 90 minute webinars for hospital and professional caregivers, essential workers, and the public. [Click here to register](#) [View the Community Live Video Check Here](#)

Coronavirus – Protecting You & Your Family

See the videos, answers to FAQs, and resources below. They will be continuously updated for the coronavirus we know.

MED+TAC Coronavirus Care Community of Practice **Hydrex Rescue Care Care/University Series**

We have organized the videos below as BASIC MODULES to provide critical information quickly. For those who need more detail, view the ADVANCED MODULES. The medical and scientific evidence is provided below the videos.

BASIC MODULES

- Why Social Distancing WORKS
- Masks ARE Critical
- Masks: The SCIENCE of Success
- Hand Washing & DISINFECTANTS
- CLEAN High Contact Surfaces
- Building a FAMILY SAFETY PLAN
- If we NEED Emergency Care
- Why ICU, Respirators, and SCMO

ADVANCED MODULES

- Preparing for CARE at Home
- TELEMEDICINE Works - Try It
- Care of Seniors & those AT-RISK
- The Latest Best Practices
- Caregivers Surf the Next Wave
- Coming Home Safe Webinar
- The New Normal Webinar
- Back to School Safety

The following table provides relevant articles and links to video alerts that viewers may wish to download to understand the science behind the best practices.

Related Resources

Resources

Monthly Webinars every first Thursday of the month at 1PM ET (Noon Central and 10AM PT). Free, video, and resources posted.

BASIC MODULES

- Why Social Distancing WORKS
- Masks ARE Critical
- Masks: The SCIENCE of Success
- Hand Washing & DISINFECTANTS
- CLEAN High Contact Surfaces
- Building a FAMILY SAFETY PLAN
- If we NEED Emergency Care
- Why ICU, Respirators, and SCMO

Masks: The SCIENCE of Success

BASIC MODULES:

- Short Videos 4-10 min
- Critical Information
- Hits Pillars of Prevention

ADVANCED MODULES

- Preparing for CARE at Home
- TELEMEDICINE Works - Try It
- Care of Seniors & those AT-RISK
- The Latest Best Practices
- Caregivers Surf the Next Wave
- Coming Home Safe Webinar
- The New Normal Webinar
- Back to School Safety

TELEMEDICINE Works - Try It

ADVANCED MODULES:

- Longer more detailed
- Webinar Recordings
- Technical Information

Related Resources

Resources

MED+TAC GLOBAL Care of the At Risk & Seniors at Home

www.medtaglobal.org/coronavirus-response/

BASIC MODULES

Why Social Distancing WORKS

Masks ARE Critical

Masks: The SCIENCE of Success

Hand Washing & DISINFECTANTS

CLEAN High Contact Surfaces

Building a FAMILY SAFETY PLAN

If we NEED Emergency Care

Why ICU, Respirators, and ECMO



The following **ADVANCED MODULES** address more comprehensive information you may wish to watch.

The medical and scientific articles are provided below the videos.

ADVANCED MODULES

Preparing for CARE at Home

TELEMEDICINE Works - Try it

Care of Seniors & those AT-RISK

The Latest Best Practices

Caregivers Surf the Next Wave

Coming Home Safe Webinar

The New Normal Webinar

Back to School Safely

The video player displays a slide with a red header that reads "Preparing for CARE at Home". The slide content includes an isometric illustration of a house with a person in a red shirt, a circular inset showing a person in a bed, and the text "Care at Home" in red. The video player interface at the bottom shows a play button, a progress bar with a timestamp of 1:31:41, and the MED+TAC logo.

The following table provides resource articles and links to video assets that viewers

	Pr...	Task Name	Notes
1		Background & Foundational Information	
2		US and UK Were Best Prepared - What Went Wrong? Time Magazine July1, 2020 https://time.com/5861697/us-uk-failed-coronavirus-response/	This is a review of the preparedness of both countries. It illustrates how countries can have the best ranking for preparedness and still fail to contain the viruse.
3		PANDEMIC RESILIENCE: Getting it Done - A Supplement to the Roadmap to Pandemic Resilience 05-20-20 EDMOND J. SAFRA CENTER FOR ETHICS AT HARVARD UNIVERSITY	A plan developed at Harvard that proposes the concept that different levels of disease prevalence require different testing strategies. With community specific approaches, the team proposes ho to be successful in suppressing COVID-19 in the US.
4		Amid the Coronavirus Crisis, a Regimen for Rentry,. New Yorker 05-15-20 DrAtul Gwande	One of the best articles to be read by all audiences. Dr. Gwande has been one of our heroes of patient Safety. He provides a terrific evidence based description of the valuable practices we need to undertake.
5		Netflix Series: Coronavirus Explained: Episode 1 This Pandemic https://www.youtube.com/watch?v=sgZ7RkyDrLg	This is an excellent series. The first episode is very education, non-partisan and very understandable.
6		Terrific Video of Science of Coronavirus from Yale School of Medicine https://www.youtube.com/watch?v=AaXZflk80#action=share	This video tells whole COVID-19 story. Created early in the pandemic, however we give it our highest recommendations. Just over 8 Minutes. whiteboard story.
7		COVID -19 Immunity & Testing Explained by VOX	This article provides a good summary dimensions of immunity & testing dated early in pandemic. 04-23-20
8		Why the Coronavirus Has Been So Successful Atlantic 03-20-20	A good article summarizing how the Coronavirus infects humans
9		WHO The Pandemic is Accelerating 03-23-20	A warning from WHO Director General
10		CDC Guidelines & Plans	
11		CDC Activities and Initiatives Supporting COVID-19 Response and the President's Plan for Opening America Up Again	This is the lengthy document released by CDC in May addressing the detail regarding multiple areas critical to opening America. The social

Creating a Family Safety Plan

- What is the science behind the risk to your family?
- How can we improve our state of READINESS?
- How do we best RESPOND when a loved is sick?
- How do we RESCUE someone with severe symptoms?
- What is the best RECOVERY plan after an infection?
- How can we make our family more RESILIENT?
- How do we get teens, those in their 20's, and 30's to take the lead in protecting our families?

Protecting your Family

- Good hygiene practices at work
- Disinfect duty gear, as needed
- Work Clothes → Home Clothes
- Shower before contact
- Watch for symptoms
- If sick, wear a surgical mask





Personal Protective Equipment:

- ✓ Powered Air Purifying Respirator (PAPR), or Face Shield/Goggles/N-95 mask
- ✓ Gown
- ✓ Gloves



Coming Home Safely

Hot Zone

Public & Work Exposure



Warm Zone

Disinfection Area



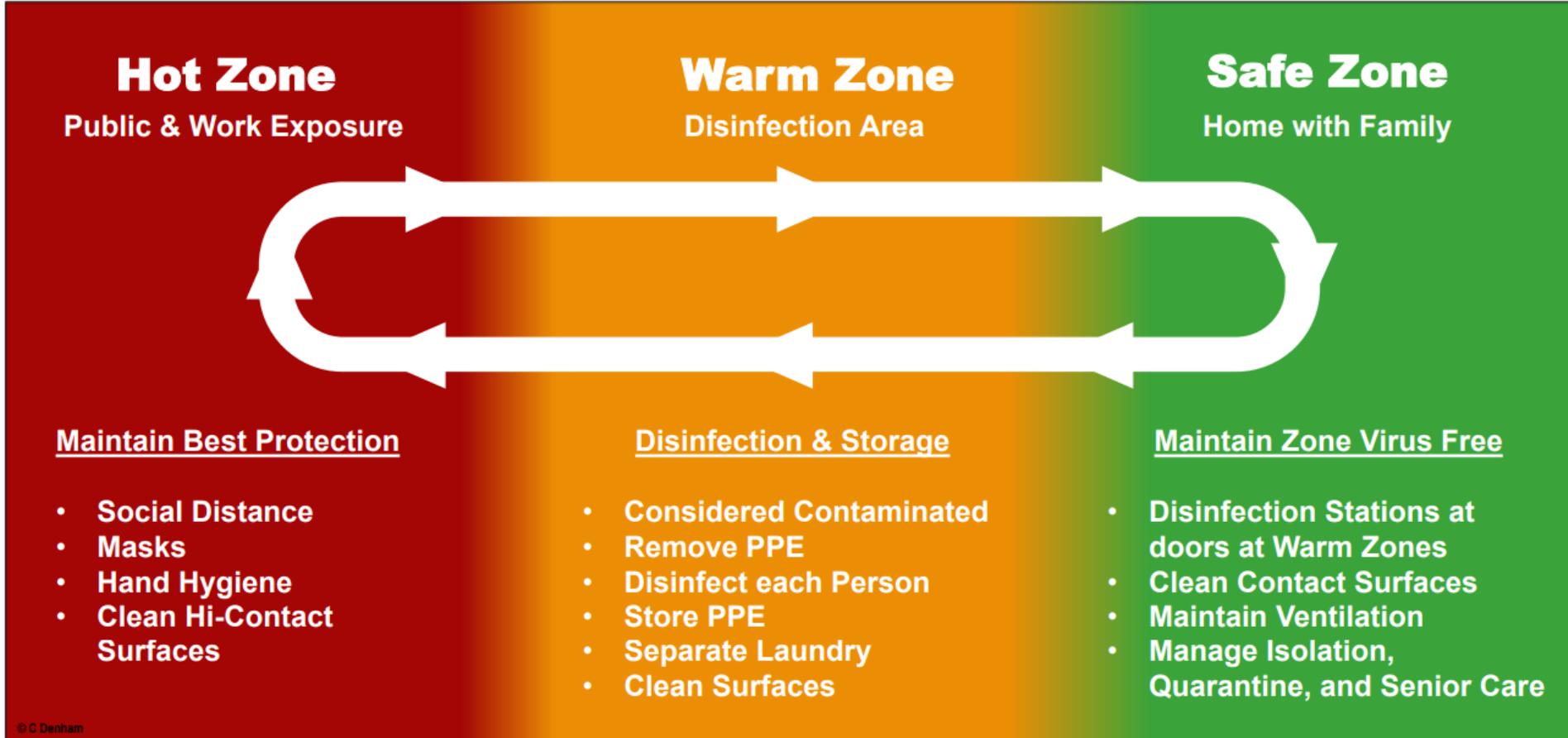
Safe Zone

Home with Family



August 6, 2020

Hot-Warm-Safe Zone Practices



Survive & Thrive Guide: Preparing for Care at Home

MED-TAC
Survive & Thrive Guide
Coronavirus Response
CareUniversity Series

Preparing for Care at Home



This program provides the leadership, practice, and technology information that can help those who must care for a loved one at home. We provide the concepts, tools, and resources that the public and families of critical infrastructure workers can use to maintain the optimal level of safety.

T RUTH	What do you want them to KNOW ?	The Science of Spread and Safety.	 H EAD
T RUST	What do you want them to FEEL ?	The Fight for Life for your loved ones.	 H EART
T EAMWORK	What do you want them to DO ?	Plan the Work & Work the Plan.	 H ANDS
T RAINING	What do you want them to SAY ?	All Teach & All Learn.	 V OICE

Go to <https://www.medtac.org/coronavirus-response> for Videos and Updates.



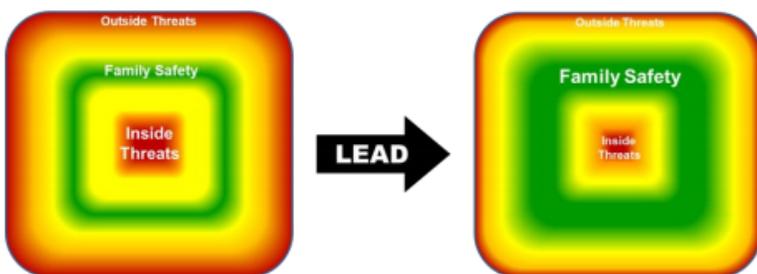
Keeping Our Kids Safe

- **What is the science behind the risk to your kids?**
- **Does risk vary for kids under 10, teens, and youth?**
- **What about our college students and young adults?**
- **What are the CDC school and college guidelines?**
- **What are the highest risk environments?**
- **Why are the indoors riskier than the outdoors?**
- **Are there best practices for play dates and sports?**
- **How can we safely return to the beach and pool?**
- **How do we get teens, those in their 20's, and 30's to take the lead in protecting our families?**

Keeping Our Kids Safe...by Keeping the Unit Family Safe



Reduce Family Vulnerability



STEP 1: Identify Each Family Member's Threat Profile

- Family living together and those in direct contact.
- Identify threats due to age, underlying conditions, and outside threats related to region and living conditions.

STEP 2: Identify and Follow Local Coronavirus Threats

- Local Community infection factors, trends, and public health guidelines will drive your behaviors and plans.
- Understand the public health processes in place where the family members will work, learn, play, and pray.

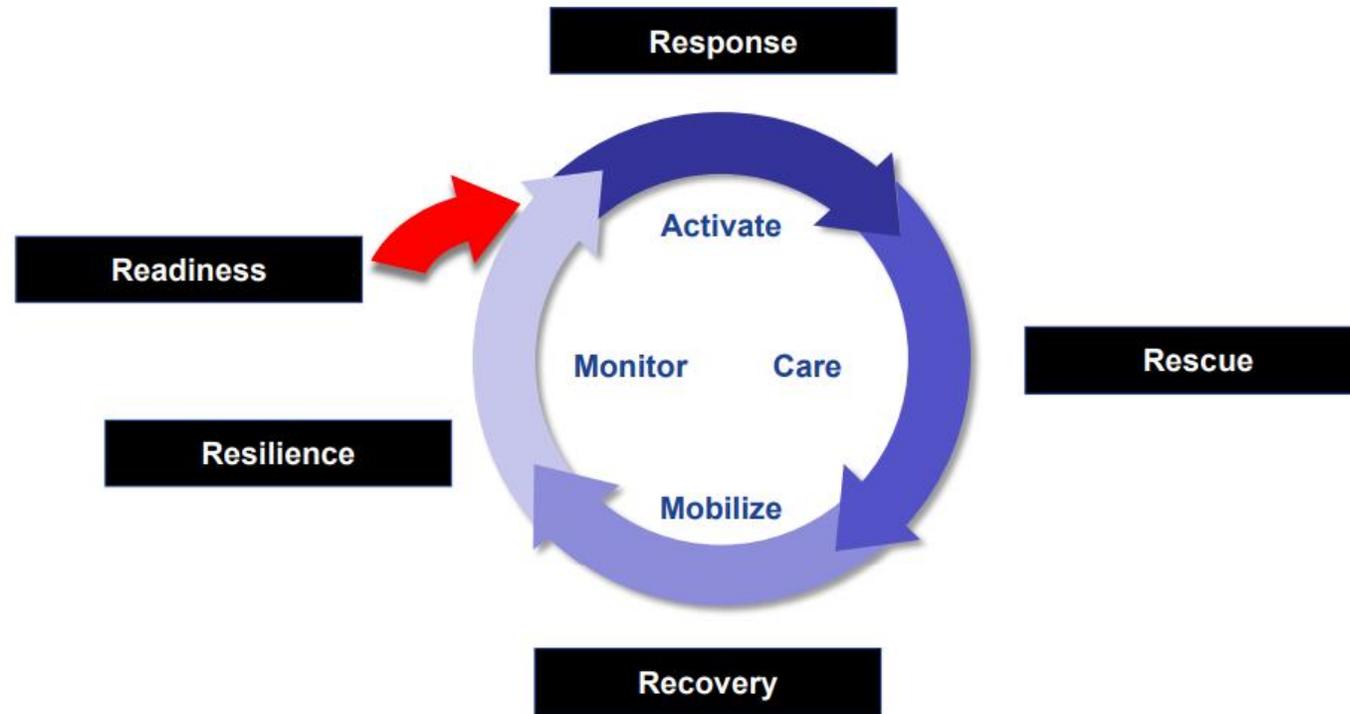
STEP 3: Develop a Family Safety Plan

- A leader or leaders of the family act as the CFO – Chief Family Officer who drives the plan: Readiness, Response, Rescue, Recovery, and Resilience.

STEP 4: Plan the Flight and Fly the Plan

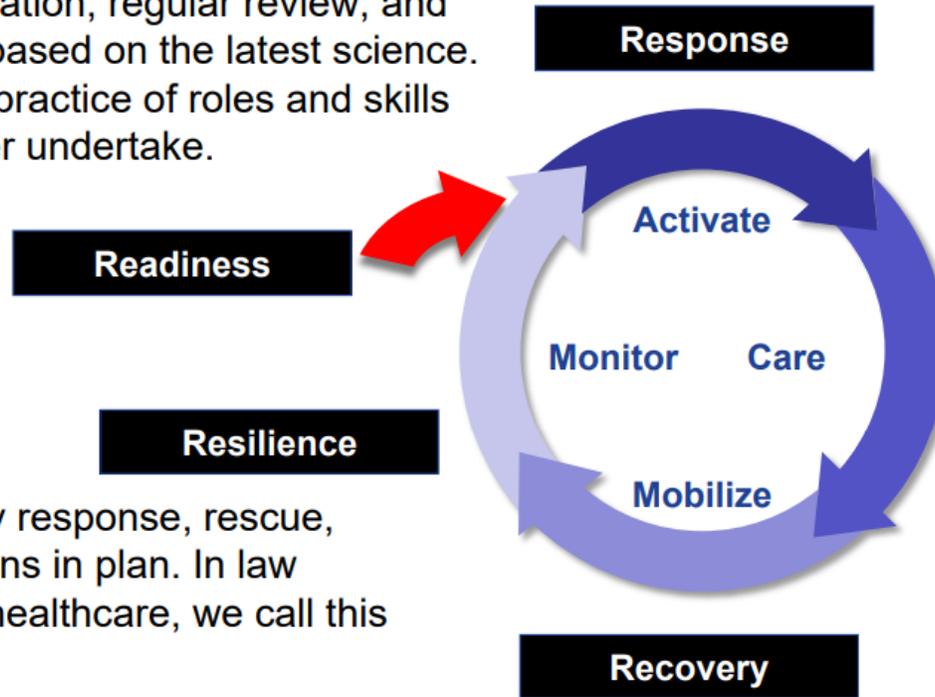
- The novel Coronavirus virus science, threats, vulnerabilities, and therefore the family risk changes continuously. Every airplane flight plan is modified along the route – so will your family safety plan.

Creating Your Family Safety Plan



Family Health Safety Plans

Readiness: Preparation, regular review, and updating of a plan based on the latest science. Regular deliberate practice of roles and skills each family member undertake.



Resilience: Fortify response, rescue, and recovery actions in plan. In law enforcement and healthcare, we call this “target hardening”.

Response: Family moves to action to respond to an emergency. Safeguards are put in place. The family may respond to a member being infected or exposed to someone infected.

Rescue

Rescue: Regular deliberate practice of roles and skills to take a loved one to the Emergency Department if they have severe symptoms. This means having records and medications ready go with the patient.

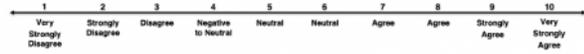
Recovery: Follow up care of the family member after an event. Returning to normal family activities after a family member is infected and isolated, hospitalized, or under quarantine.”

Coronavirus Crisis Survey

Thank you for participating with us as we pursue helping families become better prepared to deal with the Coronavirus Crisis. The work will help us serve families in the general public and Essential Critical Workforce families to be better equipped. The survey is anonymous and your input will not be sold or provided to anyone outside of our core R&D team. Your input will help us improve our free training programs.



Please respond using the following scale for each question. There are no right answers. We wish to identify as many topics as we can to help inform our collaborating families and Critical and Essential Infrastructure workers. Your input is very valuable.



Readiness

My family is ready to take care of a loved one with Coronavirus in our home.*

1 2 3 4 5 6 7 8 9 10

What readiness information would you like to have? *

Response

My family knows what actions to take if a loved one becomes infected with Coronavirus.*

1 2 3 4 5 6 7 8 9 10

What information would help you respond when a loved one becomes infected? *

Rescue

My family knows what to do when someone develops severe COVID-19 symptoms.*

1 2 3 4 5 6 7 8 9 10

What information would help your family react if someone develops severe symptoms? *

Recovery

My family has a safety plan to return to work and play when the Coronavirus social restrictions are relaxed.*

1 2 3 4 5 6 7 8 9 10

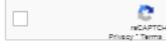
What information would help your family return to the new normal? *

Resilience

My family has a plan to make them less vulnerable to epidemics in the future.*

1 2 3 4 5 6 7 8 9 10

What information would help you become more resilient in the future? *



Submit

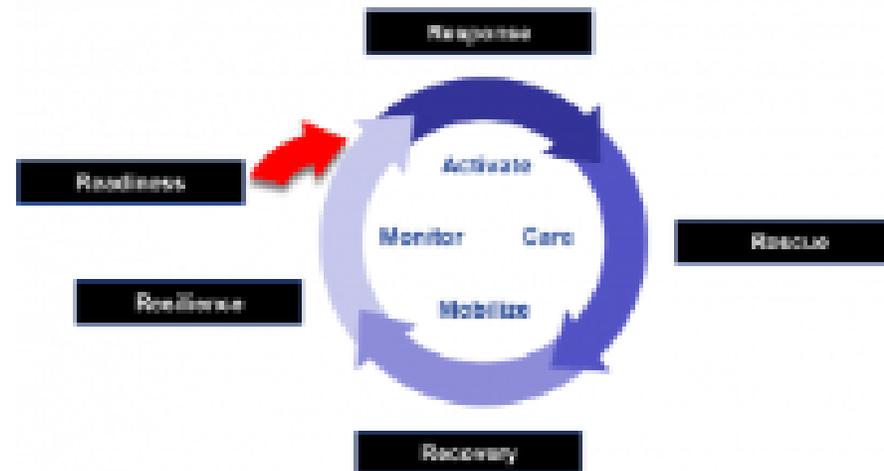
Survey

= Needs Assessment

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Family Health Security

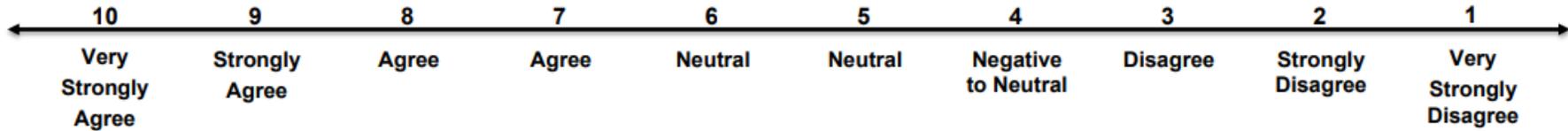


Please respond using the following scale for each question. There are no right answers. We wish to identify as many topics as we can to help inform our collaborating families and Critical and Essential Infrastructure workers. Your input is very valuable.

Readiness 

READINESS

My family is ready to take care of a loved one with Coronavirus in our home.

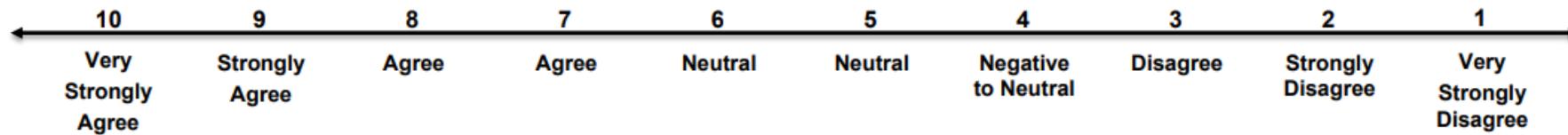


What readiness information would you like to have?



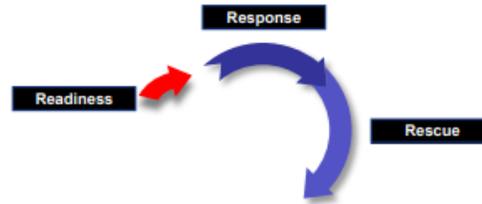
RESPONSE

My family knows what actions to take if a loved one becomes infected with Coronavirus.

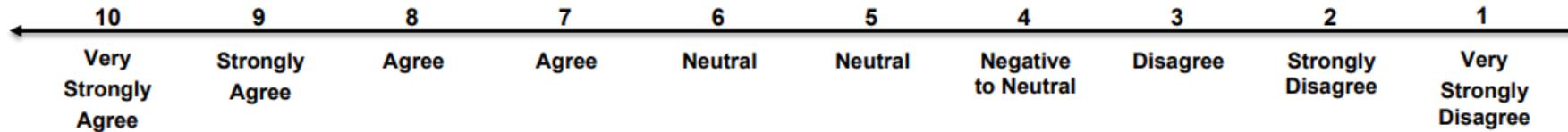


What information would help you respond when a loved one becomes infected?

RESCUE

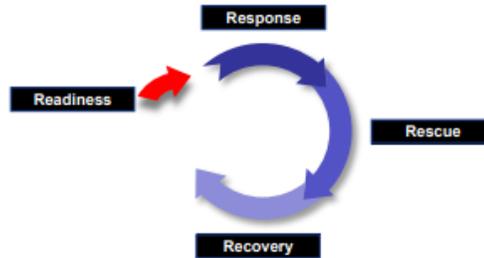


My family knows what do when someone develops severe COVID-19 symptoms.

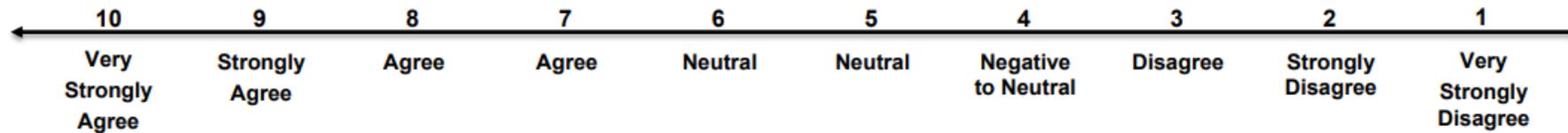


What information would help your family react if someone develops severe symptoms?

RECOVERY

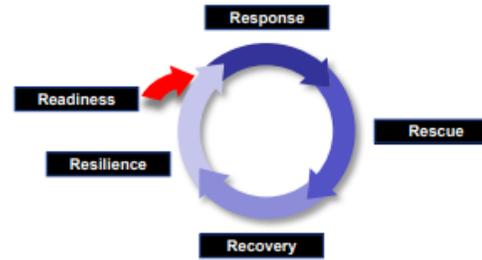


My family has a safety plan to return to work and play when the Coronavirus social restrictions are relaxed.

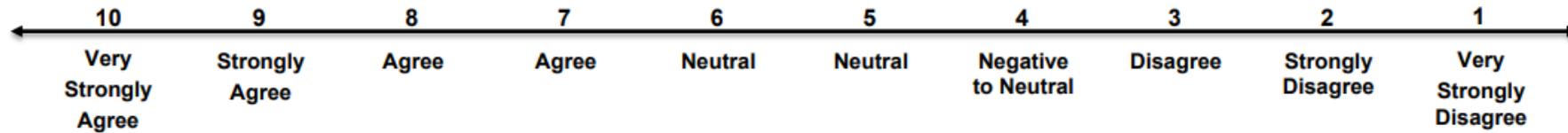


What information would help your family return to the new normal?

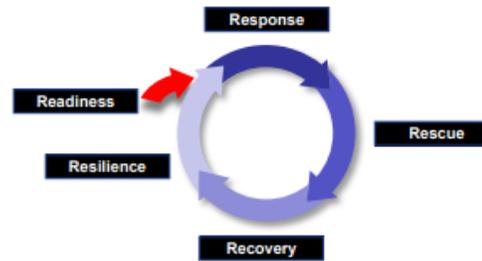
RESILIENCE



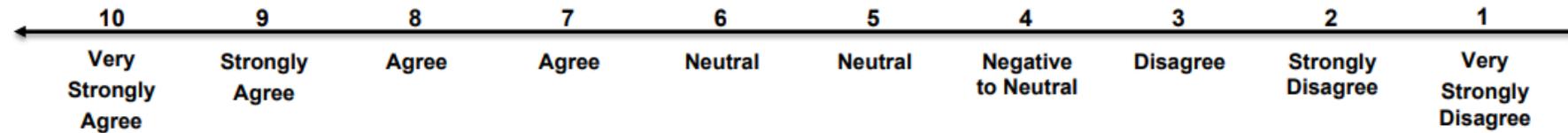
My family has a plan to make them less vulnerable to epidemics in the future.



What information would help you become more resilient in the future?



**Changing behaviors of teens and young adults
is key to beating the Coronavirus Crisis.**



**My suggestions to help making teens and young adults
leaders in becoming part of the solution are:**

Pandemic



Endemic

Global lockdown

Living with COVID-19





Essential Workers



COVID-19 Vaccine



Coronavirus (COVID-19)

[Your Health](#) ▾

[Community, Work & School](#) ▾

[Healthcare Workers & Labs](#) ▾

[Health Depts](#) ▾

[Cases & Data](#) ▾

[More](#) ▾

Wear a mask

Wearing a mask helps to protect others in your community.

[TIPS ON WEARING A MASK](#) >

[HOW TO PROTECT YOURSELF](#) >



How long will this last?





First of all, let me assert my firm belief that the only thing we have to fear is fear itself - nameless, unreasoning, unjustified terror which paralyzes needed efforts to convert retreat into advance.

(Franklin D. Roosevelt)

IZQuotes



Use Your Head, Stop the Spread!

Cardiac Arrest

Choking & Drowning

Opioid Overdose

Anaphylaxis

Major Trauma

Common Accidents

Transportation Accidents

Bullying



KEEP
CALM
AND
STAY
SAFE





About

Values & Team ▾

Coronavirus Response ▾

Webinar Programs ▾

Specialty Programs ▾

Innovations & Supplies ▾

CAREUNIVERSITY®

www.medtacglobal.org/coronavirus-response

[here](#). The first short video in the Basic Videos library below describes how you can participate. Join our free monthly 90 minute webinars for families of professional caregivers, essential workers, and the public. [Click here](#) to register. [Join Our Community Intro Video Click Here](#)

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