

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Emergency Rescue Skills A Survive & Thrive Guide™

1 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Welcome

Charles Denham, MD
Chairman, TMIT Global
Founder Med Tac Bystander Rescue Care
Med Tac Bystander Rescue Care
February 4, 2020
CareUniversity Webinar 155

2 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Our Purpose, Mission, and Values

**EMERGING THREATS
COMMUNITY OF PRACTICE**

Our Purpose:
We will measure our success by how **we protect and enrich the lives of families...patients AND caregivers.**

Our Mission:
To accelerate performance solutions that **save lives, save money, and create value** in the communities we serve and ventures we undertake.

Our ICARE Values:
Integrity, Compassion, Accountability, Reliability, and Entrepreneurship.

3 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Disclosure Statement

The following panelists certify that unless otherwise noted below, each presenter provided full disclosure information; does not intend to discuss an unapproved/investigative use of a commercial product/device; and has no significant financial relationship(s) to disclose. If unapproved uses of products are discussed, presenters are expected to disclose this to participants. None of the participants have any relationship pharmaceutical or device companies discussed in their presentations. The funding of the program is from the Denham Family fund of TMIT Global, a 501c3 Medical Research Organization

- Gregory H. Botz, MD, FCCM, has nothing to disclose.
- John Christian Fox, MD, has nothing to disclose.
- Casey Clements, MD, has nothing to disclose.
- Christopher Peabody, MD, has nothing to disclose.
- Jennifer Dingman has nothing to disclose.
- Heather Foster has nothing to disclose.
- Keith Filmer has nothing to disclose.
- Jaime Yrastorza has nothing to disclose.
- Daniel Pollicchio, Jr., has nothing to disclose.
- Jahnavi Rao, has nothing to disclose.
- Jacqueline Botz, has nothing to disclose.
- Paul Bhatta has nothing to disclose.
- Randal Styner has nothing to disclose.
- Matthew W. Horace, has nothing to disclose.
- Chiel William Adcox, has nothing to disclose.

Charles Denham, MD, is the Chairman of TMIT Global; a former TMIT education grantee of CareFusion and AORN with co-production by Discovery Channel for *Chasing Zero* documentary and Toolbox including models; and an education grantee of GE with co-production by Discovery Channel for *Surfing the Healthcare Tsunami* documentary and Toolbox, including models. HCC is a former contractor for GE and CareFusion, and a former contractor with Siemens and Nanosonics, which produces a sterilization device, Trophon. HCC is a former contractor with Senior Care Centers. HCC is a former contractor for ByoPlanet, a producer of sanitation devices for multiple industries. He does not currently work with any pharmaceutical or device company. His current area of research is in threat management to institutions including conflict of interest, healthcare fraud, and continuing professional education and consumer education including bystander care. Dr. Denham is the developer and producer of CareUniversity™, the learning management system providing continuing education materials for TMIT Global.


4 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

MED + TAC Global
Coronavirus Care Community of Practice

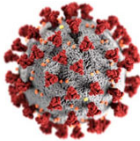
Bystander Rescue Care
CareUniversity Series

Voice of the Patient



Jennifer Dingman

Founder, Persons United Limiting Substandard and Errors in Healthcare (PULSE), Colorado Division
Co-founder, PULSE American Division
TMIT Patient Advocate Team Member
Pueblo, CO

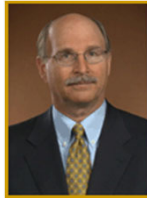


Med Tac Bystander Rescue Care

MED + TAC Global
Coronavirus Care Community of Practice

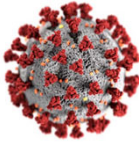
Bystander Rescue Care
CareUniversity Series

Emergency Rescue Skills: A Survive & Thrive Guide™



Charles Denham, MD

Chairman, TMIT Global
Founder Med Tac
Bystander Rescue Care



© C Denham 2020
Med Tac Bystander Rescue Care

MED + TAC Global
Coronavirus Care Community of Practice

Bystander Rescue Care
CareUniversity Series

Speakers & Reactors



Jennifer Dingman



Dr. Casey Clements



Keith Filtner



Dr. Gregory Botz



Matt Horace



Chief William Adcox



Dr. Chris Fox



Randy Styner



Jahnvi Rao



Charlie Denham III



Jacqueline Botz



Heather Foster RN



Jamie Yratorza



Paul Bhatia EMT



Danny Policicchio




Dr. Charles Denham

Med Tac Bystander Rescue Care

Survive & Thrive Guide: Protecting Your Family

Survive & Thrive Guide™ Program Road Map



The diagram illustrates the 'Survive & Thrive Guide™ Program Road Map' as a sequence of seven topics connected by a large red arrow pointing right. The topics are:

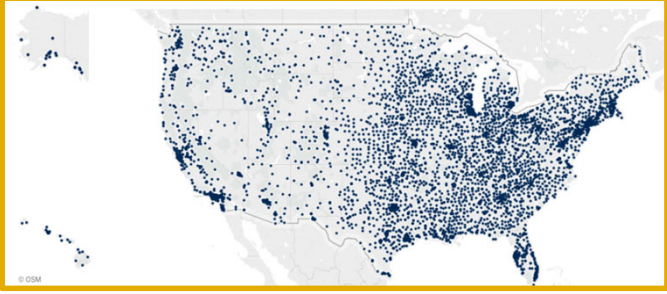
- Survive & Thrive Guide Series: Coming Home Safely (with sub-points: Med Zone, Home Zone, Safe Zone)
- Creating Your Family Safety Plan
- Providing Care at Home
- Emergency Rescue Skills (highlighted with a red box and labeled 'Feb Webinar', with sub-points: Emergency Rescue Skills and COVID Care)
- Keeping Our Kids Safe
- Safety Plan Templates for Everyone (A Survive & Thrive Guide)
- Your 2021 Family Safety Plan

Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Survive & Thrive Guide: Keeping Your Family Safe

TMIT Global Research Test Bed
3,100 Hospitals in 3,000 Communities
500 Subject Matter Expert Pool Developed over 35 Years



© DSM

CareUniversity Med Tac Bystander Rescue Care

Survive & Thrive Guide: Protecting Your Family



500 Subject Matter Experts

Graphic Representation to Protect Expert Privacy

CareUniversity Med Tac Bystander Rescue Care

MED TAC Global **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 Ullen	Dr. McDowell	Dennis Quid	Preston Head III
Fred Haise	Dr. Steve Swensen	Tyler Sant	Avarie Pettit	Dr. Mary Foley	Bob Chapman	Perry Bechtie III	Becky Martins	Betsy Denham	Charlie Denham III
Dr. C Peabody	Dr. Chris Fox	Randy Styner	Tom Renner	David Beahk	Ann Rhoades	Nancy Conrad	Dr. Chopra	John Little	Debbie Medina

CareUniversity Med Tac Bystander Rescue Care

MED TAC Global **Coronavirus Care Community of Practice** **Bystander Rescue Care CareUniversity Series**

Matt Horace	John Tomlinson	Dan Ford	Arlene Salamendra	Jennifer Dingman	Bill George	Penny George	Hilary Schmidt PhD	Paul Bhatia EMT	Dr. McDowell

Contributions Through Segments of our Discovery Channel Documentaries

Prof Christensen	Jim Collins	C Sullenberger	Charlotte Guglielmi	Dr. Don Berwick	Dr. Howard Koh	Dr. Jim Bagian	Dr. Harvey Fineberg

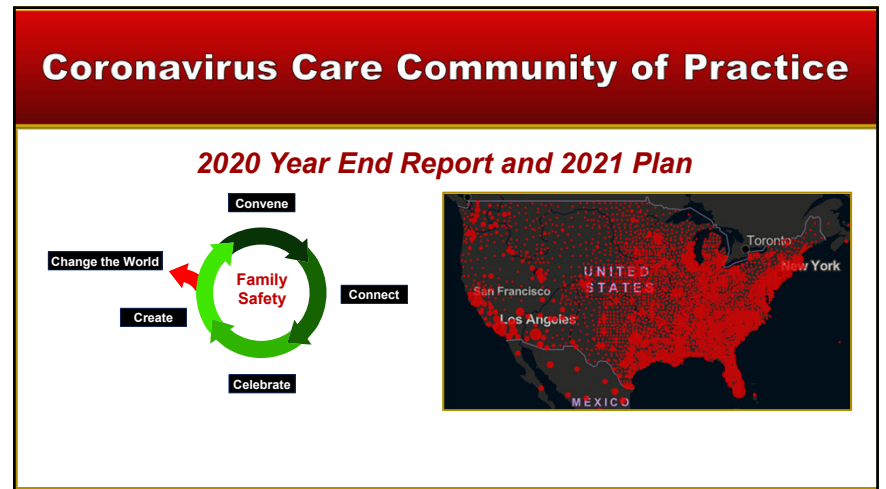
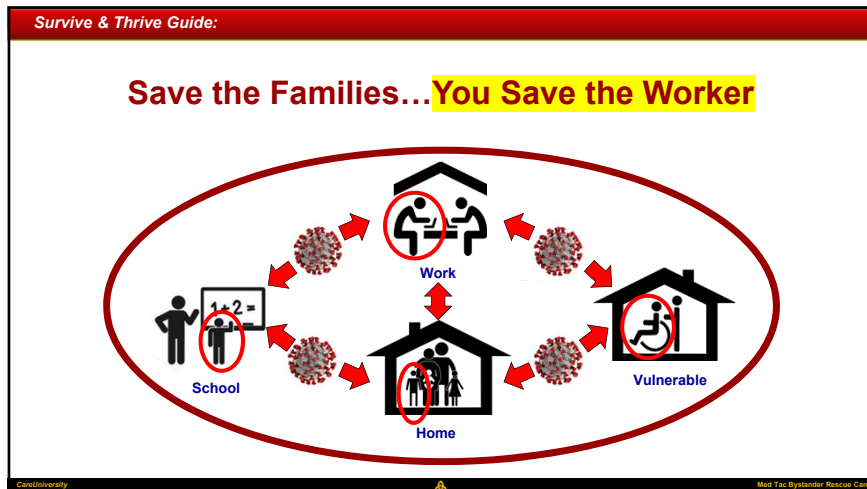
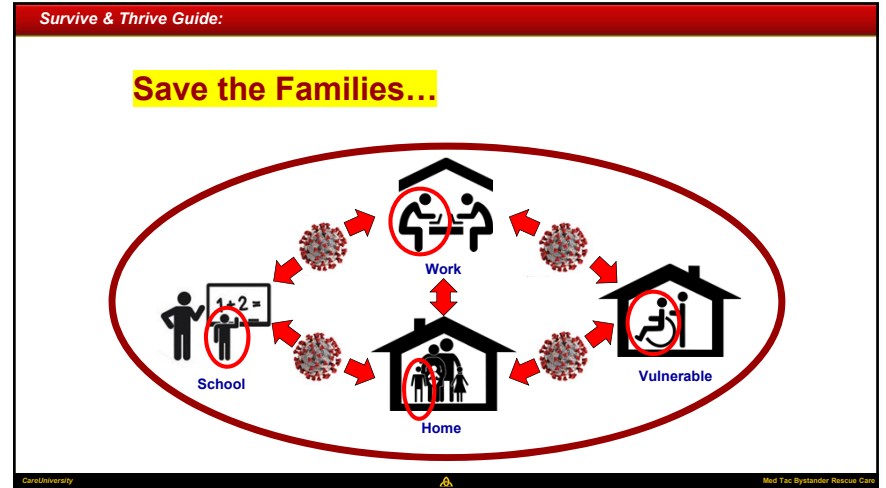
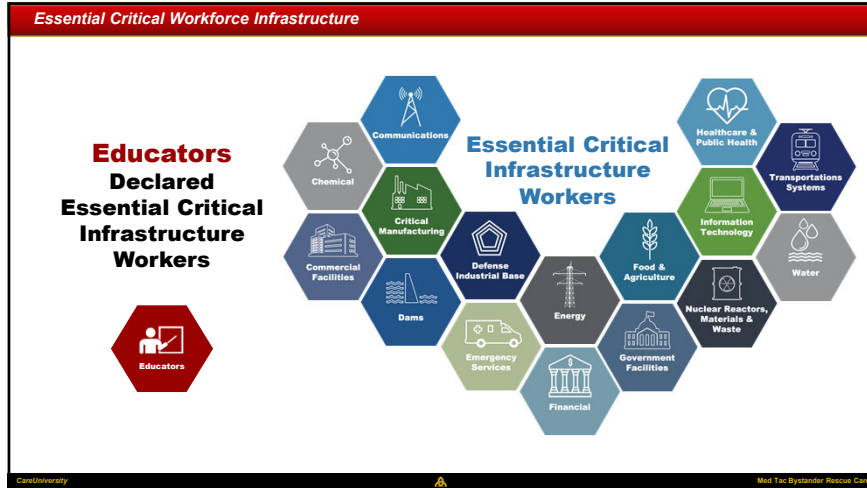
Chasing the Zero
ENDING THE WAR ON HEALTHCARE COSTS

Surfing the Healthcare Tsunami
ENDING THE HEALTHCARE TSUNAMI: BRING YOUR BEST BEARD™


3 Minutes & Counting Bystanders Care!

CareUniversity Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020



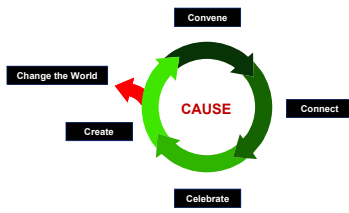
Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020



**Coronavirus Care
Community of Practice**

**Bystander Rescue Care
CareUniversity Series**

Family Centric



- General Public
- Critical Essential Workers
- Professional Caregivers
- First Responders
- All Faiths Volunteers & Staff
- Educators & School Staff
- Scouts, Teams, and Membership Organizations



**Coronavirus Care
Community of Practice**

**Bystander Rescue Care
CareUniversity Series**

**Coming Home Safely
Family Survive & Thrive Guide™**

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
- Hand Washing & DISINFECTANTS
- CLEAN High Contact Surfaces
- Building a FAMILY SAFETY PLAN
- If we NEED Emergency Care
- Why ICU, Respirators, and EICM

ADVANCED MODULES

- Preparing for CARE at Home
- TELEMEDICINE Works - Try It
- Care of Seniors & Home PT/OT
- The Latest Best Practices
- Compensating Staff the Best Ways
- Coming Home Safe Whether
- The New Normal Webinar
- Back to School Safety

Related Resources


- Care of the At Risk & Seniors at Home

BASIC MODULES:

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

ADVANCED MODULES:

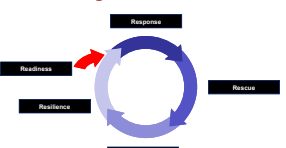
- Longer more detailed
- Webinar Recordings
- Technical Information



**Coronavirus Care
Community of Practice**

**Bystander Rescue Care
CareUniversity Series**

Family Rescue R&D



The 5 R's of Safety

THE UNIVERSITY OF TEXAS
**MDAnderson
Cancer Center**

MAYO CLINIC


**Stanford
University**

**HARVARD
UNIVERSITY**

UCSF
University of California
San Francisco

**UTSouthwestern
Medical Center**

UCI




**Coronavirus Care
Community of Practice**


**Bystander Rescue Care
CareUniversity Series**

**Coming Home Safely
Family Survive & Thrive Guide™**


Hot Zone
Public & Work Exposure



Warm Zone
Disinfection Area



Safe Zone
Home with Family



Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

Hot Zone
Public & Work Exposure

Hot Zone Practices:

- Maintain Best Protection
- Social Distance
- Masks
- Hand Hygiene
- Clean HI-Contact Surfaces

Warm Zone
Disinfection Area

Warm Zone Practices:

- Disinfection & Storage
- Considered Contaminated
- Remove PPE
- Disinfect each Person
- Store PPE
- Separate Laundry
- Clean Surfaces

Safe Zone
Home with Family

Safe Zone Practices:

- Maintain Zone Virus Free
- Disinfection Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

Maintain Best Protection

- Social Distance
- Masks
- Hand Hygiene
- Clean HI-Contact Surfaces

Disinfection & Storage

- Considered Contaminated
- Remove PPE
- Disinfect each Person
- Store PPE
- Separate Laundry
- Clean Surfaces

Maintain Zone Virus Free

- Disinfection Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

© 2020 Med Tac Bystander Rescue Care

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

Hot Zone
Public & Work Exposure

Hot Zone Practices:

- Maintain Best Protection
- Social Distance
- Masks
- Hand Hygiene
- Clean HI-Contact Surfaces

Warm Zone
Disinfection Area

Warm Zone Practices:

- Disinfection & Storage
- Considered Contaminated
- Remove PPE
- Disinfect each Person
- Store PPE
- Separate Laundry
- Clean Surfaces

Safe Zone
Home with Family

Safe Zone Practices:

- Maintain Zone Virus Free
- Disinfection Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

Hot Zone Practices:

- Maintain Best Protection
- Social Distance
- Masks
- Hand Hygiene
- Clean HI-Contact Surfaces

Warm Zone Practices:

- Disinfection & Storage
- Considered Contaminated
- Remove PPE
- Disinfect each Person
- Store PPE
- Separate Laundry
- Clean Surfaces

Safe Zone Practices:

- Maintain Zone Virus Free
- Disinfection Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

Hot Zone Practices (Detailed):

- Disinfect before getting in car
- Control Contaminated Materials
- Wipe Down Car Door Handles and control surfaces if car is warm zone
- If Car is WARM ZONE it must be considered contaminated
- Be ready to store contaminated gear in your car or trash

Warm Zone Practices (Detailed):

- Disinfect Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

Safe Zone Practices (Detailed):

- Establish and maintain disinfection stations at doors
- Regularly clean high contact surfaces
- Prevent people or parcels from bringing the virus home
- If possible, keep rooms well ventilated

Care of Someone At Home:

- Whether the flu or Coronavirus – use same processes
- Isolation is for all those who are infected or sick
- The infected NEED to wear masks
- Social distance and hand hygiene are important
- Surfaces ARE a risk
- Quarantine is for who may be infected – assume infected until end of quarantine period or test negative

© 2020 Med Tac Bystander Rescue Care

MED TAC Global | **Coronavirus Care Community of Practice** | **Bystander Rescue Care CareUniversity Series**

Keeping Our Kids Safe Family Survive & Thrive Guide™

Outside Threats

Family Safety

Inside Threats

LEAD

Outside Threats

Family Safety

Inside Threats

© 2020 Med Tac Bystander Rescue Care

Survive & Thrive Guide: Protecting Your Family

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

Keeping Our Kids Safe... Steps 1-4

- 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, 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.

Understanding the Threats, Vulnerability, and Risk to our Children

Family Unit Threat Profile:

- Outside Threats to Family – Home and Community:**
 - Threats, Vulnerability, and Risk from the outside environment, and risk for each family member for being infected, harmed, and death.
- Inside Threats to Family – Home and Community:**
 - Threats, Vulnerability, and Risk for each family member unique to them for being infected, harmed, and death.
 - Threats, Vulnerability, and Risk of current behaviors within the home and living spaces.

Survive & Thrive Guide: Protecting Your Family

STEP 1: Identify and Follow Local Coronavirus Threats

Inside versus Outside Threats

Local Coronavirus Threats:

- High Background Community Infection
- Traveling with more infections
- Schools without proper Test, Trace, Treat, Isolate, and Quarantine Programs
- Team, Social, and Quarantine Programs
- Group Activities and Sports without Proper PPE
- Social Distancing

Outside Threats:

- Lack of Mask Use by all exposed to family
- Community without adequate public health resources including Test, Trace, Treat, Isolate, and Quarantine Programs
- Critical Essential Infrastructure Worker Exposure bringing virus home to family

Inside Threats:

- Delayed Emergency Medical Care for Children due to fear
- Delayed Resilience for Children due to fear
- Depression in Children isolated at home
- Threats to Injure Compromised Children
- Inadequate Nutrition of Children
- Lack of Exercise of Children and Adults
- Adults with underlying risk illnesses
- Seniors over 65 years of age at risk due to age
- Delayed or absent Screening for Adults and Seniors
- Delayed or absent Medical Procedures for Adults
- Inadequate Disinfection of HI Contact Surfaces

STEP 2: 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, Recovery, and Resilience.

STEP 3: 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.

© 2020 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Creating Your Family Safety Plan Family Survive & Thrive Guide™

The diagram features a central blue circle labeled "Safety Plan". Five arrows point outwards from this circle to five black rectangular boxes: "Response" (top), "Rescue" (right), "Recovery" (bottom), "Resilience" (left), and "Readiness" (top-left). A red arrow points from the "Readiness" box towards the "Safety Plan" circle.

25 Med Tac Bystander Rescue Care

MED + TAC Global Survive & Thrive Guide: Protecting Your Family **Bystander Rescue Care CareUniversity Series**

Family Health Safety Plans

The diagram shows a central blue circular cycle with four stages: "Activate" (top), "Monitor" (left), "Care" (right), and "Mobilize" (bottom). Five black rectangular boxes are arranged around the cycle: "Response" (top), "Rescue" (right), "Recovery" (bottom), "Resilience" (left), and "Readiness" (top-left). A red arrow points from the "Readiness" box towards the "Activate" stage of the cycle.

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.

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.

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

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.

26 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Safety Plan Templates for Everyone A Survive & Thrive Guide™

The diagram features a central blue circle labeled "Safety Plan" with arrows for "Response", "Rescue", "Recovery", "Resilience", and "Readiness". To the right of the circle is a stack of three white document icons. The top icon is titled "Readiness" and contains a checklist:

- Awareness
- Accountability
- Ability
- Action

27 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Providing Care at Home Family Survive & Thrive Guide™

The diagram features a black silhouette of a house with a person sitting on a bed inside. To the right is a stack of three white document icons. The top icon is titled "Home Care" and contains a checklist:

- Seniors
- Care Team
- Care Room Set Up
- Supplies

28 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Checklists

Select a Care Room Checklist:

- Select a room separately that ideally should be used to care for a patient.
- Identify the bathroom that can be used to wash hands.
- If a fully dedicated room is not available, where supplies and equipment can be stored for the family and other visitors.
- If another room or bathroom is used, set that up as a separate ventilated space.
- Make decisions regarding the Care Room. It is optimal to have a dedicated patient.

Care Room Set Up Checklist:

- Set Up Cleaning Station
- Equip Both Care Room and Bathroom
- Post Signs to Restrict Access
- Consider Signs to Post
- Prepare a Daily Cleaning Schedule
- Remove Hard to Clean Items
- Set Up Personal Protective Equipment
- Set up a Contaminated Laundry Room
- Set up a Non-contaminated Laundry Room
- Put Waste Cans, Materials in Care Room
- Place Safe Containers for Injection Meds and Sharps
- Keep Patient's Personal Hygiene Items
- Place Water Piche Personal Hygiene
- Keep dedicated Oximeters in Care Room
- Keep Reusable Supplies

Supplies Checklist:

- Eye Protection
- A Face Shield
- Reusable Gloves
- Rubber Gloves
- Disposable Hair Coverings
- N95 Mask or Medical Grade Equivalent
- Aprons - single-use if reusable gowns
- Plastic Aprons
- Alcohol-based Hand Sanitizer
- Plain Soap
- Clean Single-use Paper Towels
- Safe Puncture Proof Containers
- Detergent for Cleaning
- Thermometer & Medical Supplies
- Mobile Phone

Home Care Team Checklists:

Laundry Processes:

- Disinfect Laundry Room after Every Wash
- Always Separate Contaminated Laundry from Non-contaminated Laundry
- Wash all regular and Non-contaminated laundry first
- Wash kitchen towels and bathroom hand towels daily.
- Wash all Contaminated Laundry last
- Disinfect Laundry Room while Contaminated Laundry are in the wash
- Move Formerly Contaminated Laundry from Washer to Dryer after Disinfecting Laundry Room

Cleaning the Home:

- Door knobs

MED TAC Global **Coronavirus Care Community of Practice** **Bystander Rescue Care CareUniversity Series**

Creating Your 2021 Family Safety Plan

A Survive & Thrive Guide™

January 7, 2020 CareUniversity Webinar 153

COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Global Cases: **61,787,692**

Global Deaths: **1,445,541**

US State Level Deaths, Recovered: 34,477 deaths, 84,723 recovered

2 Infections Every Second

2 Deaths Every Minute

191

COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Global Cases: **61,787,692**

Global Deaths: **1,445,541**

US State Level Deaths, Recovered: 34,477 deaths, 84,723 recovered

United States

Number of Cases

Click any country below to hide/show from the graph:

- United States
- United Kingdom
- Brazil
- Russia
- India
- Germany
- Italy
- France
- South Africa
- Turkey

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020



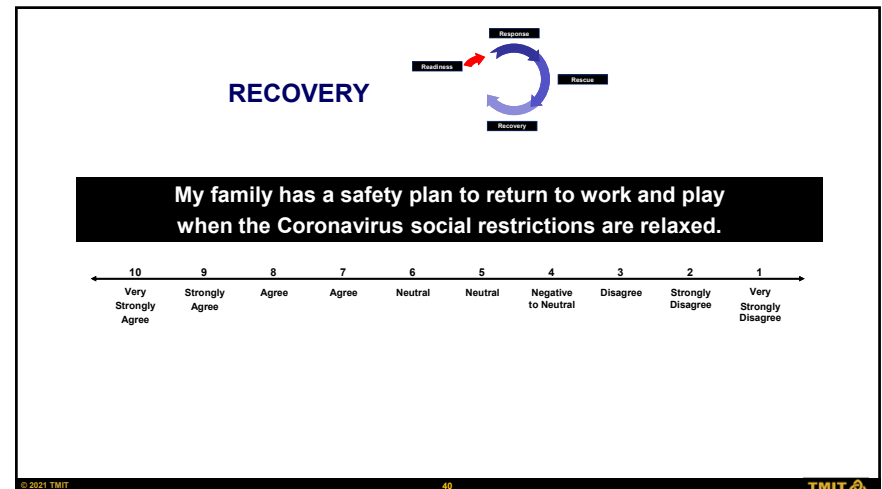
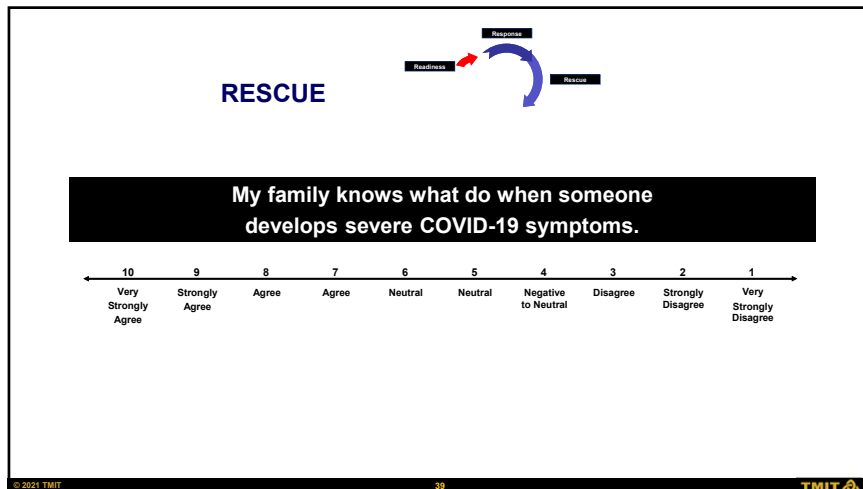
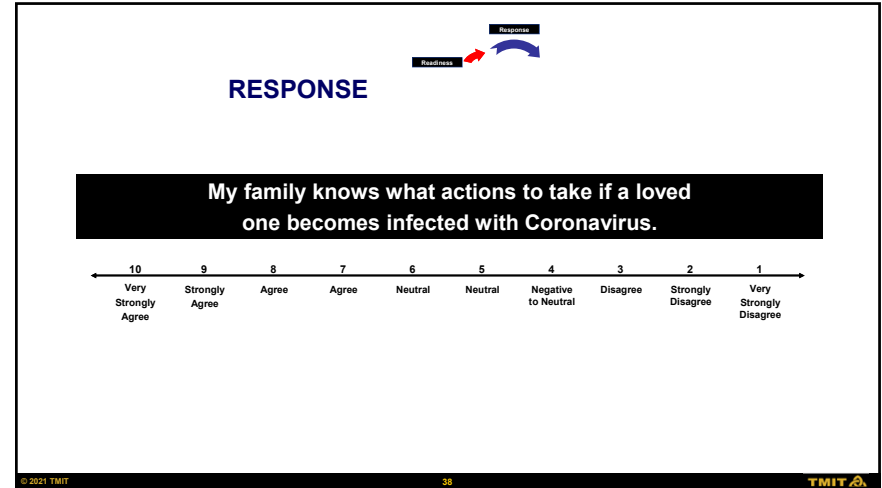
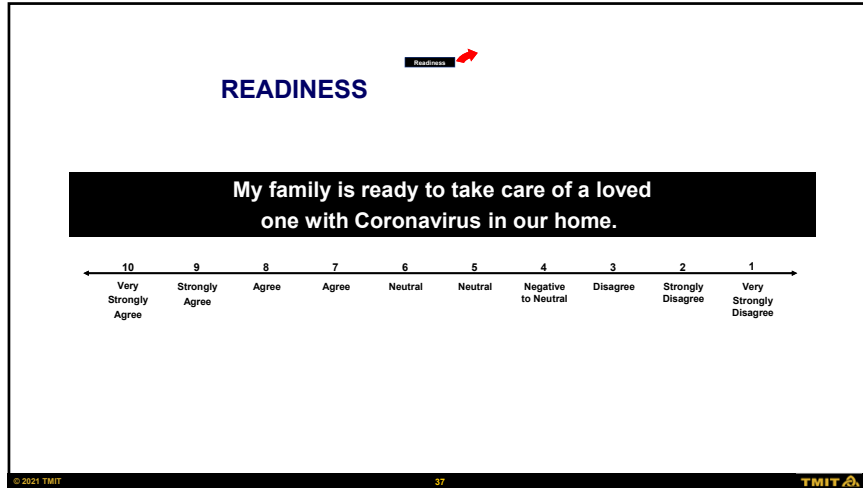
National Survey Questions

I have already responded to the Family Health Safety Survey

YES **NO**

State what you want to see in the Family Safety Plan Templates in Free Text Entry

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020



Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

RESILIENCE

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

← 10 9 8 7 6 5 4 3 2 1 →

Very Strongly Agree Strongly Agree Agree Agree Neutral Neutral Negative to Neutral Disagree Strongly Disagree Very Strongly Disagree

© 2020 TMIT 41 TMIT

Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Emergency Rescue Skills A Survive & Thrive Guide™

© 2020 TMIT 42 Med Tac Bystander Rescue Care

TMIT Global **High Performer Webinar**
Research Test Bed **SafetyLeaders.org**

The 5 Rights of Emergency Care Review




Christopher R. Peabody, MD, MPH

Emergency Physician
Director, UCSF Acute Care Innovation Center,
University of California San Francisco
Clinical Instructor, University of California San Francisco
San Francisco, CA

© 2020 TMIT Global 43 TMIT Global

The 5 Rights of Emergency Care™

www.medtacglobal.org/coronavirus-response/



Christopher R. Peabody, MD, MPH
Emergency Physician
Director, UCSF
Acute Care Innovation Center

Dr. Peabody walks us through The 5 Rights of Emergency Care with the COVID-19 perspective:

- Family members may not be able to be present and may need to wait outside.
- Communication is vitally important.
- Be prepared for a completely new experience with caregivers wearing full Personal Protective Equipment.

© 2020 TMIT Global 44 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

The 5 Rights of Emergency Care™

www.medtacglobal.org/

The infographic details the 5 Rights of Emergency Care:

- Right Provider:** Includes icons for Hospital (H), Emergency Department (ED), and Intensive Care Unit (ICU).
- Right Follow Up:** Includes icons for Primary Home Care (PHR Home) and New services.
- Right Discharge:** Includes icons for Discharge Plan (DC PLAN), Watch, and Images.
- Right Treatment:** Includes icons for Medication (Meds), RX, and other medical services.
- Right Diagnosis:** Includes icons for Medical Records (MR), Medication (Meds), and a smartphone.

 A central circular diagram shows the process: Test → Monitor → Diagnose → Treat.

Survive & Thrive Guide: Family Safety Plans

Campus Safety News School University Hospital Technology

Coronavirus Family Safety Plans: Protect Your Loved Ones and Help Save America

If you break the family-unit COVID-19 transmission chains, you can save the lives of teachers, healthcare workers and police officers. You might even help save our nation.

Dr. Charles Denham II, Dr. Gregory Botz, Charles Denham III, Chief William Adcox

The Problem:
Family Transmission Chains

The Solution:
Coronavirus Family Safety Plans

Plans Must Be Flexible:

- Family Impact Scenarios
- 4A Checklist Framework
- 5R Score Scorecards™

The 5 R Framework:

- Readiness
- Response
- Rescue
- Recovery
- Resilience

The 3 Whys:

- Why a Family Safety Plan?
- Why Now?
- Why This?

Our Message:

- Educators
- Students
- Law Enforcement Leaders

Family Impact Scenarios	
No Exposure No Test or Negative Test	Exposure to Infected Person and No Test
Infected & Asymptomatic No Symptoms Ever	Infected & Pre-symptomatic Before Symptoms
Infected & Symptomatic Have Symptoms	Infected & Severely Symptomatic – Need Help
Infected & Require ICU Life Support Respirator & ECMO	

Family Safety Plan

Readiness → Response → Rescue → Recovery → Resilience

Family Member Scenarios	Readiness	Response	Rescue	Recovery	Resilience
No Exposure No Test or Negative Test	Be ready for waves or new epidemics. Social distances, hygiene, cleaning, and masks. Protect high risk family members.	Recognize people with no exposure – no test are at risk for infections.	Care of loved on with severe symptoms. Know the triggers for emergency care. Have med records ready for family	Assistance safely to the "new normal". Be very careful until vaccine, antivirals, or an immunity shield is can protect public.	Making the family "hardened" to a threat. Learn from others who are infected. Maintain medical records for family members.
Exposure to Infected Person and No Test	Know: what "exposure" is, what to if exposed, and if notified by a contact tracer.	Know where to get testing, maintain quarantine period, and how to protect family.	Know the triggers for emergency care. Have med records ready for family	If infected, be aware of the possible long-term consequences of infection.	Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Asymptomatic – No Symptoms Ever	Family behaves as if they can infect someone. Protect contact tracers link	Isolate if test positive and contact tracers link	Watch for the signs and symptoms triggering seeking emergency care.	Be aware of and watch for the long-term consequences of infection.	Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Pre-symptomatic Before Symptoms					Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Symptomatic – Have Symptoms					Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Severely Symptomatic – Need Help					Maintain latest knowledge of local testing, contact tracing, isolation process AND best emergency care location.
Infected & Requiring Hospitalization					Maintain latest knowledge of local testing, contact tracing, isolation process AND ID best hospital care providers.
Infected & Require ICU Life Support Respirator & ECMO					Maintain latest knowledge of local testing, contact tracing, isolation process AND ID best hospital care providers.

Customize Your Family Checklists to the Real-life Scenarios that CAN HAPPEN to You!

Family Safety Plan

Readiness → Response → Rescue → Recovery → Resilience

Family Member Scenarios	Readiness	Response	Rescue	Recovery	Resilience
No Exposure No Test or Negative Test	Be ready for waves or new epidemics. Social distance, hygiene, cleaning, and masks. Protect high risk family members.	Recognize people with no exposure – no test are at risk for infections.	Care of loved on with severe symptoms. Know the triggers for emergency care. Have med records ready for family	Assistance safely to the "new normal". Be very careful until vaccine, antivirals, or an immunity shield is can protect public.	Making the family "hardened" to a threat. Learn from others who are infected. Maintain medical records for family members.
Exposure to Infected Person and No Test	Know: what "exposure" is, what to if exposed, and if notified by a contact tracer.	Know where to get testing, maintain quarantine period, and how to protect family.	Know the triggers for emergency care. Have med records ready for family	If infected, be aware of the possible long-term consequences of infection.	Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Asymptomatic – No Symptoms Ever	Family behaves as if they can infect someone. Protect contact tracers link	Isolate if test positive and contact tracers link	Watch for the signs and symptoms triggering seeking emergency care.	Be aware of and watch for the long-term consequences of infection.	Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Pre-symptomatic Before Symptoms					Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Symptomatic – Have Symptoms					Maintain prevention, testing, contact tracing, isolation and quarantine knowledge.
Infected & Severely Symptomatic – Need Help					Maintain latest knowledge of local testing, contact tracing, isolation process AND best emergency care location.
Infected & Requiring Hospitalization					Maintain latest knowledge of local testing, contact tracing, isolation process AND ID best hospital care providers.
Infected & Require ICU Life Support Respirator & ECMO					Maintain latest knowledge of local testing, contact tracing, isolation process AND ID best hospital care providers.

Emergency Rescue Skills and COVID Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Emergency Rescue Skills

Casey Clements, MD PhD
Assistant Professor
Practice Chair, Dept of
Emergency Medicine
Staff Safety Officer
Mayo Clinic
Rochester, MN

John Christian Fox, MD
Professor and Chair
Emergency Medicine
Department
Director of Ultrasound
in Medical Education
University of California
at Irvine

Heather Foster RN BSN
Frontline Nurse
Infection Prevention Advisor
Patient Safety Advocate
Dolores Colorado

© C DeBham 2020

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Emergency Rescue Skills: A Survive & Thrive Guide™

Casey Clements, MD PhD
Assistant Professor
Practice Chair, Dept of Emergency Medicine
Staff Safety Officer
Mayo Clinic
Rochester, MN

50

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Emergency Rescue Skills: A Survive & Thrive Guide™

John Christian Fox, MD
Professor and Chair
Emergency Medicine Department
Director of Ultrasound in Medical Education
University of California
at Irvine

51

MED + TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Emergency Rescue Skills: A Survive & Thrive Guide™

Heather Foster RN BSN
Frontline Nurse
Infection Prevention Advisor
Patient Safety Advocate
Dolores Colorado

52

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Family Lifeguard

Awareness

- Family Rescue Scenario Awareness: Members need to be aware of "rescue scenarios" and what the CDC describes as "emergency warning signs":
 - Trouble breathing
 - Persistent pain or pressure in the chest
 - New confusion
 - Inability to wake or stay awake
 - Bluish lips or face

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

Rescue Knowledge - 4 P's: Family members are aware of how to be prepared, prevent medical errors, protect loved ones, and learn performance improvement from caregivers.

Accountability

- Rescue Task Accountability Reinforced: Everyone needs to know what, when, why, and how to respond when someone develops the CDC emergency warning signs.
- Rescue Task Completion Log: These recorded lifesaving tasks are vital to professional caregivers.

Ability

- Rescue Skills: Care of an infected family member in isolation requires safe use of PPE, safe transportation, and protecting family members.
- Rescue Resources: Staff, supplies, space, and financial resources vital. Staff include family members and service providers. Adequate funding, PPE supplies, and disinfection resources are critical.

Action

- Follow the Plan for the Family Member Scenario: Specific checklists for each scenario needs to be followed. The most important issue is that patients will have to be admitted to hospital alone.
 - Infected & Severely Symptomatic - Need Help: Emergency Sign recognition, safe transportation, safe communication with Caregivers are critical. See SBAR for Patients Communication Tool.
 - Infected Requiring Hospitalization: Communication with Hospital Caregivers will have to be by phone or mobile web device. Briefings with family members is ideal through one family member.
 - Infected & Require ICU Life Support Respirator & ECMO: The seriousness of the situation should be communicated to the family members.

Emergency Rescue Skills: Decision to Act at Home

Family Safety Plan

Awareness

- Family Rescue Scenario Awareness: Members need to be aware of "rescue scenarios" and what the CDC describes as "emergency warning signs":
 - Trouble breathing
 - Persistent pain or pressure in the chest
 - New confusion
 - Inability to wake or stay awake
 - Bluish lips or face

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

Rescue Knowledge - 4 P's: Family members are aware of how to be prepared, prevent medical errors, protect loved ones, and learn performance improvement from caregivers.

Accountability

- Rescue Task Accountability Reinforced: Everyone needs to know what, when, why, and how to respond when someone develops the CDC emergency warning signs.
- Rescue Task Completion Log: These recorded lifesaving tasks are vital to professional caregivers.

Ability

- Rescue Skills: Care of an infected family member in isolation requires safe use of PPE, safe transportation, and protecting family members.
- Rescue Resources: Staff, supplies, space, and financial resources vital. Staff include family members and service providers. Adequate funding, PPE supplies, and disinfection resources are critical.

Action

- Follow the Plan for the Family Member Scenario: Specific checklists for each scenario needs to be followed. The most important issue is that patients will have to be admitted to hospital alone.
 - Infected & Severely Symptomatic - Need Help: Emergency Sign recognition, safe transportation, safe communication with Caregivers are critical. See SBAR for Patients Communication Tool.
 - Infected Requiring Hospitalization: Communication with Hospital Caregivers will have to be by phone or mobile web device. Briefings with family members is ideal through one family member.
 - Infected & Require ICU Life Support Respirator & ECMO: The seriousness of the situation should be communicated to the family members.

Family Plan Checklist

Family Lifeguard

Emergency Rescue Skills: During Transport to Hospital

Family Lifeguard

Emergency Rescue Skills: While at Emergency Dept.

Right Diagnosis

- MD
- Meds
- Stethoscope
- Hand hygiene

Right Treatment

- Rx
- Person icon
- Bed icon

Right Discharge

- DC PLAN
- F °
- Watch
- Images


Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

SBAR for Patients



Original SBAR

- **S**ituation
- **B**ackground
- **A**ssessment
- **R**ecommendation



SBAR for Patients

- **S**ituation
- **B**ackground
- **A**ssessment
- **R**equest

CareUniversity Med Tac Bystander Rescue Care

SBAR for Patients

Situation

- **The Current Situation of Concern:** What brought patient and family to request help.
- **“Active Medical Problems”:** We can teach families to understand they are conditions requiring treatment.
- **Purpose of Visit:** Briefly summarize why seeing caregiver.

SBAR for Patients

- **S**ituation
- **B**ackground
- **A**ssessment
- **R**equest

Request

- **Clear Ask:** Patients and families to be encouraged to make a clear “ask” for help. The structure
- **Our Priority on their Priorities:** It is important to readback the priorities of the request.

Background

- **What led to Situation:** Summarize what led to visit – the facts.
- **Prior Diagnosis:** Include diagnosis and treatment to date.
- **Important Information:** Patient and family to express what they think is important information.

Assessment

- **Brief Summary:** We don’t expect patients or families to make a diagnosis. Just a summary of where they are that leads to their request.
- **Re-cap of Concerns:** State what is important to them.

Key Opportunities

- **Human Factors:** We can improve on the communication by structures that optimize connections.
- **Health Literacy:** The tool allows us to speak at a level of detail that can more easily close health literacy gaps. This makes patients a partner.
- **Active Listening:** The structure allows us to be much more attentive to the key issues.

CareUniversity Med Tac Bystander Rescue Care

Family Lifeguard

Emergency Rescue Skills: After Discharge & Transport Home





Oxygen Concentrator




Pulse Oximeter






CareUniversity © © Dellman 2020 Med Tac Bystander Rescue Care



**Coronavirus Care
Community of Practice**

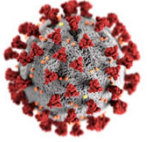
**Bystander Rescue Care
CareUniversity Series**

Emergency Rescue Skills: A Survive & Thrive Guide™



Gregory H. Botz, MD, FCCM

Professor of Anesthesiology and Critical Care
UT MD Anderson Cancer Center, Houston, TX
Adjunct Clinical Professor, Department of
Anesthesiology
Stanford University School of Medicine,
Stanford, CA



CareUniversity Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Family Lifeguard

Emergency Rescue Skills: Care at Home Post ED

HOME → Emergency Care Loop → ED

ED → HOME

© CareUniversity © C Dotham 2020 Med Tac Bystander Rescue Care

Family Lifeguard

Emergency Rescue Skills: Care at Home Post ED

HOME → Emergency Care Loop → ED

ED → HOME

© CareUniversity © C Dotham 2020 Med Tac Bystander Rescue Care

Checklists

Home Care Room Program Coronavirus Response CareUniversity Series

Select a Care Room Checklist:

- Select a room sep that ideally should
- Identify the bathro can be used to wa
- If a fully dedica where supplies an
- If another room or station set that up
- Make sure the Car
- If you have no sep plastic sheets, or y
- curtains or tents
- Optimize ventilat window that may b
- If Heating and Air separate ventilat
- Make decisions re Room. It is optima patient.

Care Room Set Up Checklist:

- Set Up Cleaning
- Set Up Cleaning
- Equip Both Clea
- Post Signs to Re
- Consider Signs
- Prepare a Daily
- Remove Hard to
- Set Up Personal
- Set up a Contam
- Set up Waste Ca
- Set up a Contam
- Set up a Non-co
- Put Waste Cars,
- Materials in Care
- Place Safe Conta
- Injection Meds U
- Keep Patient's P
- Place Water P
- Personal Hygien
- Keep dedicated
- Oximeters in Car
- Keep Reusable S

Supplies Checklist:

- Eye Protection
- A Face Shield
- Reusable Gloves
- Rubber Gloves
- Disposable Hair Cove
- N95 Mask or Medical
- Aprons - single-use l reusable gowns.
- Plastic Aprons
- Alcohol-based Hand
- Pain Soap
- Clean Single-use P
- Safe Puncture Proof
- Detergent for Cleani
- Thermometer & Med
- Mobile Phone

Home Care Team Checklists:

Laundry Processes:

- Disinfect Laundry Room after Every Wash
- Always Separate Contaminated Laundry from Non-contaminated Laundry
- Wash all regular and Non-contaminated laundry first
- Wash kitchen towels and bathroom hand towels daily
- Wash all Contaminated Laundry last
- Disinfect Laundry Room while Contaminated Laundry are in the wash
- Move Formerly Contaminated Laundry from Washer to Dryer after Disinfecting Laundry Room

Cleaning the Home:

- Door knobs

© CareUniversity

MED TAC Global Coronavirus Care Community of Practice

Bystander Rescue Care CareUniversity Series

Family Survive & Thrive Guide: Providing Care at Home

- Seniors
- Care Team
- Care Room Set Up
- Supplies


64 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

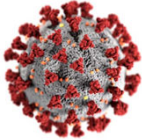
MED + TAC Global
Coronavirus Care Community of Practice

Bystander Rescue Care
CareUniversity Series

Emergency Rescue Skills: A Survive & Thrive Guide™



Heather Foster RN BSN
Frontline Nurse
Infection Prevention Advisor
Patient Safety Advocate
Dolores Colorado



65 Med Tac Bystander Rescue Care

MED + TAC Global
Coronavirus Care Community of Practice

Bystander Rescue Care
CareUniversity Series

Youth, Young Adult, and Youth Leader Reactors



Randy Styner



Jahnavi Rao



Charlie Denham III



Jacqueline Botz



Keith Filtner



Jamie Yrstorza



Paul Bhatia EMT




Danny Policicchio

66 Med Tac Bystander Rescue Care

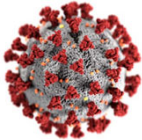
MED + TAC Global
Coronavirus Care Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Paul Bhatia, EMT
President, Anteater Emergency Medical Services
Pre-medical Student
University of California at Irvine




67 Med Tac Bystander Rescue Care

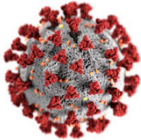
MED + TAC Global
Coronavirus Care Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Jaime Yrstorza
UCSD Graduate
Med Tac College Team Member



68 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Survive & Thrive Guide: Protecting Your Family

MED TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Survive & Thrive Guide
Masks: The SCIENCE of Success
Charles Denham II MD, William Adcox, Charles Denham III, Jaime Yrastorza, and Gregory Botz MD FCCM

This article is a narrative summary of the short film entitled *Masks: The SCIENCE of Success* posted on the Med Tac Global website that provides access to free films and resources to families of the Essential Critical Infrastructure Workers of sixteen industry sectors and the general public.¹




N95 Mask Surgical Mask Cloth Mask

© CareUniversity © C Denham 2020 Med Tac Bystander Rescue Care

TMIT Global

Mask Reduction of Airborne Transmission

A competition between droplet size, inertia, gravity, and evaporation determines how far emitted drop-lets and aerosols will travel in air.



AEROSOLS are smaller will evaporate faster than they can settle, are buoyant, and thus can be affected by air currents, which can transport them over longer distances.

DROPLETS will undergo gravitational settling faster than they evaporate, contaminating high contact surfaces and leading to contact transmission.


Particle Size μm 100 10 1 0.1

Source: Cite as: K. A. Prather et al., Science 10.1126/science.abc6197 (2020)

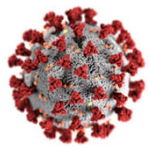
© CareUniversity Med Tac Bystander Rescue Care

MED TAC Global Coronavirus Care Community of Practice **Bystander Rescue Care CareUniversity Series**

Emergency Rescue Skills: A Survive & Thrive Guide™



Charles R. Denham III
High School Student
Co-founder Med Tac Bystander Rescue Care Program
Co-lead Lifeguard Surf Program
Junior Med Tac Instructor




© C Denham 2020 74 Med Tac Bystander Rescue Care

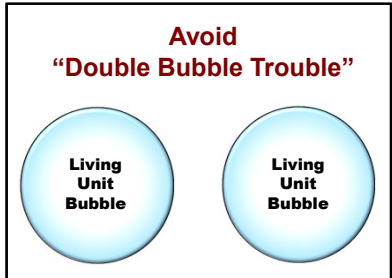
Family Lifeguard

Be Your Family Lifeguard

90% Prevention and 10% Rescue



Avoid "Double Bubble Trouble"



© CareUniversity © C Denham 2020 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Family Lifeguard

Be Your Family Lifeguard

90% Prevention and 10% Rescue



Holiday Huddle Checklist

The Goal - Prevent Bubble Trouble
Maintain the Four Pillars: Distance, Hand Hygiene, Disinfect Surfaces, and Mask Use

Before Events:

- Assign Tasks to Family Members
- Prepare Separate Family Bubble Portions
- Set Up Handwashing Stations
- Develop a Bathroom Plan
- Prepare Bathroom - Optimize Ventilation
- Maintain Kitchen Hygiene

During Event:

- Convene Holiday Huddle with Guests
- Opening Prayer
- Describe Safe Family Bubbles
- Review Four Safety Pillars
- Provide Restroom Plan
- Describe Eating Plan
- Summarize Clean Up Plan

After Events:

- Glove up to Clean Up
- Soak Plates and Cutlery in Soapy Water
- Wipe down surfaces touched by guests
- Wipe down bathroom used by guests
- Meet to de-brief to be safer next time

CareUniversity © C Donham 2020 Med Tac Bystander Rescue Care

Family Lifeguard

“Double Bubble Trouble” Create Transmission Chains

CDC Close Contact

Exposure Risks

- 15 Minutes within 6 feet over 24 Hours
- Provided Care to COVID-19 Infected
- Physical Contact (hugs & kisses)
- Use Same Cooking Utensil's
- Droplet Contact

General Risks

- Indoor Events
- Poorly Ventilated Environments
- Common use bathroom facilities
- High Contact Surfaces not disinfected
- Common Food Access

CareUniversity © C Donham 2020 Med Tac Bystander Rescue Care

Family Lifeguard

Med Tac Care Huddle Checklist



Holiday Huddle Checklist

The Goal - Prevent Bubble Trouble
Maintain the Four Pillars: Distance, Hand Hygiene, Disinfect Surfaces, and Mask Use

Before Events:

- Assign Tasks to Family Members
- Prepare Separate Family Bubble Portions
- Set Up Handwashing Stations
- Develop a Bathroom Plan
- Prepare Bathroom - Optimize Ventilation
- Maintain Kitchen Hygiene

During Event:

- Convene Holiday Huddle with Guests
- Opening Prayer
- Describe Safe Family Bubbles
- Review Four Safety Pillars
- Provide Restroom Plan
- Describe Eating Plan
- Summarize Clean Up Plan

After Events:

- Glove up to Clean Up
- Soak Plates and Cutlery in Soapy Water
- Wipe down surfaces touched by guests
- Wipe down bathroom used by guests
- Meet to de-brief to be safer next time



CareUniversity © C Donham 2020 Med Tac Bystander Rescue Care

MED TAC Global **Coronavirus Care Community of Practice** **Bystander Rescue Care CareUniversity Series**

Family Emergency Rescue Skills: A Survive & Thrive Guide™

Daniel Policicchio, Jr.

Assistant Producer
Med Tac Films
NYU Student
New York City


CareUniversity © C Donham 2020 Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

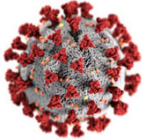
MED + TAC Global
Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Jahnavi Rao
Med Tac Student Leader
College & High School Outreach
Harvard University




77 Med Tac Bystander Rescue Care

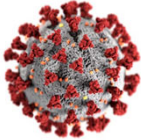
MED + TAC Global
Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Matthew W. Horace, M.A.
Chief Security Officer
Mayo Clinic
Rochester, MI




78 Med Tac Bystander Rescue Care

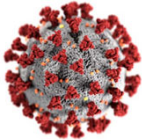
MED + TAC Global
Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Randal Styner
Director of Emergency
Management
UCI Department of Finance and
Administration
University of California Irvine




79 Med Tac Bystander Rescue Care

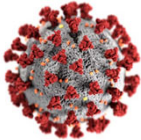
MED + TAC Global
Coronavirus Care
Community of Practice

Bystander Rescue Care
CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



William Adcox, MBA
Chief of Police and CSO
The University of Texas MD Anderson
Cancer Center/The University of Texas
Health Science Center
Houston, TX




80 Med Tac Bystander Rescue Care

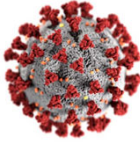
Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™




Keith Flitner
Business Development Manager
Gas Turbine Products
Continental Controls Corporation
Rancho Santa Margarita, CA



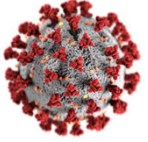
81 Med Tac Bystander Rescue Care

MED + TAC Global Coronavirus Care Community of Practice Bystander Rescue Care CareUniversity Series

Family Emergency Rescue Skills: A Survive & Thrive Guide™



Jennifer Dingman
Founder, Persons United Limiting
Substandard and Errors in Healthcare
(PULSE), Colorado Division
Co-founder, PULSE American Division
TMIT Patient Advocate Team Member
Pueblo, CO



82 Med Tac Bystander Rescue Care

Survive & Thrive Guide

Additional Resources and Slides from Videos

CareUniversity Med Tac Bystander Rescue Care

Family Safety Plan

Family Member Scenarios	Care of loved on with severe symptoms.
No Exposure No Test or Negative Test	Know the triggers for emergency care. Have med records ready for family.
Exposure to Infected Person and No Test	Know the triggers for emergency care. Have med records ready for family.
Infected & Asymptomatic – No Symptoms Ever	Watch for the signs and symptoms triggering seeking emergency care.
Infected & Pre-symptomatic – Before Symptoms	Watch for the signs and symptoms triggering seeking emergency care.
Infected & Symptomatic – Have Symptoms	Watch for the signs and symptoms triggering seeking emergency care.
Infected & Severely Symptomatic – Need Help	Seek emergency care immediately. Have medical records and medications for ED care providers.
Infected & Requiring Hospitalization	Watch for triggers for emergency care of other family members who may get sick.
Infected & Require ICU Life Support Respiator & ECMO	Watch for symptom triggers requiring emergency care visit if others in family get sick.

Rescue → Family Plan Checklist

Awareness

- Family Rescue Scenario Awareness: Members need to be aware of "rescue scenarios" and what the CDC describes as "emergency warning signs".
 - Trouble breathing
 - Persistent pain or pressure in the chest
 - New confusion
 - Inability to wake or stay awake
 - Bluish lips or face
- Rescue Knowledge - 4 P's: Family members are aware of how to be prepared, prevent medical errors, protect loved ones, and learn performance improvement from caregivers.

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

Accountability

- Rescue Task Accountability Reinforced: Everyone needs to know what, when, why, and how to respond when someone develops the CDC emergency warning signs.
- Rescue Task Completion Log: These recorded lifesaving tasks are vital to professional caregivers.

Ability

- Rescue Skills: Care of an infected family member in isolation requires safe use of PPE, safe transportation, and protecting family members.
- Rescue Resources: Staff, supplies, space, and financial resources vital. Staff include family members and service providers. Adequate funding, PPE supplies, and disinfection resources are critical.

Action

- Follow the Plan for the Family Member Scenario: Specific checklists for each scenario needs to be followed. The most important issue is that patients will have to be admitted to hospital alone.
 - Infected & Severely Symptomatic – Need Help: Emergency Sign recognition, safe transportation, safe communication with Caregivers are critical. See SBAR for Patients Communication Tool.
 - Infected Requiring Hospitalization: Communication with Hospital Caregivers will have to be by phone or mobile web device. Briefings with family members is ideal through one family member.
 - Infected & Require ICU Life Support Respiator & ECMO: The seriousness of the situation should be communicated to the family members.

CareUniversity Med Tac Bystander Rescue Care

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

The 5 Rights of Emergency Care™

Right Provider: Patients and families need to choose the best emergency care provider they will use prior to experiencing an emergency.

Right Discharge: A critical area for safety is the discharge from the Emergency Department. The information shared with the patient and family will have a major impact on the outcome of care. We need to understand why we may need to come back for care.

Right Treatment: It is important to understand both the short-term implications of emergency care as well as the long-term implications. An emergency medicine visit is a snapshot in time.

Right Diagnosis: The right diagnosis depends on information – make sure to help the emergency care providers with all of the information you have to help them.

Right Follow-up: The continuity of care after an Emergency Medicine visit is very important to the long-term outcome of the care received. The breakdown in follow up is often an area of safety risk.

Source: Denham, CR

© 2020 TMIT 85 TMIT

The 5 Rights of Emergency Care™

Right Provider: Patients and families need to choose the best emergency care provider they will use prior to experiencing an emergency.

- **Choose RIGHT Emergency Care Provider:** The one that already has your records, especially for complex issues
- **Your Choices:** Urgent Care, Community Hospital, Specialty Center – Pediatric, CA, Stroke Center Trauma Center...if you have a choice.
- **Bigger Centers – Bigger Problems:** when in doubt with serious problems the larger more comprehensive center may be best.
- **ICE – In Case of Emergency:** Make sure to always have your In Case of Emergency (ICE) contact in your wallet and on phone. First responders will look for it if you are in an accident.

Source: Denham, CR

© 2020 TMIT 86 TMIT

The 5 Rights of Emergency Care™

Right Diagnosis: The right diagnosis depends on information – make sure to help the emergency care providers with all of the information you have to help them.

- **Bring Your Medical Records:** your prior hospital records and summaries of the latest care if you have them.
- **Bring your Care Plan** if you have one.
- **Bring Medications:** your actual medications in a bag and be prepared to describe how you take them.
- **Imaging Studies & Reports:** If you have imaging studies on disc which can prevent you from getting other studies.
- **Tests & Diagnosis:** Understand the tests the findings of the tests.

Source: Denham, CR

© 2020 TMIT 87 TMIT

The 5 Rights of Emergency Care™

- **Treatment of Short-term Symptoms and of Long-term Conditions:** Procedures, medications, and new behaviors you need to maintain should be understood for the short-term and long-term timeframes.
- **Shared Decision Making:** Understand the treatment and decide together
- **Risks and Benefits:** Understand the risks and the benefits of proposed treatment.
- **Hospital Admissions:** Understand why you might be admitted for care in the hospital versus what would be required for care at home.

Right Treatment: It is important to understand both the short-term implications of emergency care as well as the long-term implications. An emergency medicine visit is a snapshot in time.

Source: Denham, CR

© 2020 TMIT 88 TMIT

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

The 5 Rights of Emergency Care™

- **Return Precautions:** Understanding when to come back to ED — signs and symptoms to return. Care is never over during the visit. This is a vital safety area and we often wait too long before returning.
- **Understanding What Happened:** The Medical Problem, Diagnosis, and Treatment must be understood to make sure to have long-term results.
- **Medication Reconciliation:** The stops, adds, and changes in medications must be understood.
- **Records Reconciliation:** Assembling and summarizing the latest records are vital.
- **Care Plan:** Wound care, diet, and special instructions need to be understood.
- **Get the Records:** All of the records of the visit including imaging should be obtained and maintained at home – even if releases are required and in the following days to get the records.

Right Discharge: A critical area for safety is the discharge from the Emergency Department. The information shared with the patient and family will have a major impact on the outcome of care. We need to understand why we may need to come back for care.

Source: Denham, CR; McDowell, GM CareUniversity CME Program

The 5 Rights of Emergency Care™

Right Follow-up: The continuity of care after an Emergency Medicine visit is very important to the long-term outcome of the care received. The breakdown in follow up is often an area of safety risk.

- **WHO, about WHAT, and WHEN:** In follow up we need to understand who we need to see as a caregiver, about what issues, and when we need to see them.
- **Update Your Records:** You will want to update your home records with the follow up visit records for future reference.
- **See New Caregivers:** You may need to see a new doctor and the records from primary care, ED visit, medications lists, and imaging studies will all be important.

Source: Denham.

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

Hot Zone Public & Work Exposure	Warm Zone Disinfection Area	Safe Zone Home with Family
<p>Maintain Best Protection</p> <ul style="list-style-type: none"> • Social Distance • Masks • Hand Hygiene • Clean Hi-Contact Surfaces 	<p>Disinfection & Storage</p> <ul style="list-style-type: none"> • Considered Contaminated • Remove PPE • Disinfect each Person • Store PPE • Separate Laundry • Clean Surfaces 	<p>Maintain Zone Virus Free</p> <ul style="list-style-type: none"> • Disinfection Stations at doors at Warm Zones • Clean Contact Surfaces • Maintain Ventilation • Manage Isolation, Quarantine, and Senior Care

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

HOT ZONE PRACTICES

- Social Distance – 6 Feet is a MINIMUM
- Handwashing is poor even in caregivers – 20 sec
- Avoid Poorly Ventilated Spaces
- Don't Touch Face Masks or the Face
- Be gracious but firm when others invade your space
- It is critical to know how to put on and take off Personal Protective Equipment (PPE). Called "Don and Doff" in healthcare jargon.
- Whenever in doubt, wash your hands.
- Know the process for reporting outbreaks.
- "Exposure to Infected" is being within 6 FEET OF INFECTED FOR LONGER THAN 15 MINUTES.

Maintain Best Protection

- Social Distance
- Masks
- Hand Hygiene
- Clean Hi-Contact Surfaces

Coronavirus - Protecting You & Your Family: Coming Home Safely, August 6, 2020

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

WARM ZONE Leaving Hot Zone Practices

- Disinfect before getting in car.
- Contain Contaminated Materials
- Wipe Down Car Door Handles and contact surfaces if car is warm zone.
- If Car is WARM ZONE: It must be considered contaminated.
- Be ready to store contaminated gear in your car if you must.

WARM ZONE Joining Hot Zone Practices

- Assure your mask has good fit.
- Practice no mask or face touching
- If contaminated – wash hands.
- Know the rules of the workplace or public venue.

Warm Zone
Disinfection Area

WARM ZONE Coming Home Practices

- Designate WARM ZONE room or space for disinfecting.
- Assemble & Maintain Disinfection Station with cleaning supplies.
- Keep the family out of WARM ZONE
- Increase precautions if someone is in quarantine or isolation.

WARM ZONE Leaving Home Practices

- New or Cleaned masks, gloves, face shields and coverings.
- Bring disinfectants in your car or your gear.
- Bring extra masks if you have them.

© C Denton

Survive & Thrive Guide: Protecting Your Family

Hot-Warm-Safe Zone Practices

SAFE ZONE PRACTICES

- Establish and maintain disinfection stations at doors.
- Regularly clean high contact surfaces.
- Prevent people or parcels from bringing the virus home.
- If possible, keep rooms well ventilated.

Care of Someone At Home

- Getting your “MacGyver On” – Use what you have.
- Whether the flu or Coronavirus – use same processes.
- Isolation is for all those who are infected or sick.
- The infected NEED to wear masks. Social distance and hand hygiene are important. Surfaces ARE a risk.
- Quarantine is for who may be infected – assume infected until end of quarantine period or test negative.

Safe Zone
Home with Family

Maintain Zone Virus Free

- Disinfection Stations at doors at Warm Zones
- Clean Contact Surfaces
- Maintain Ventilation
- Manage Isolation, Quarantine, and Senior Care

© C Denton

Survive & Thrive Guide: Protecting Your Family

Threats X Vulnerability = Risk to Your Family

Threats:
Likely to cause **HARM**.

Vulnerability:
Weaknesses that can be **EXPLOITED** by threats.

Risk:
PROBABILITY of harm by a threat exploiting vulnerability.

Outside Threats
Family Safety
Inside Threats

LEAD

Outside Threats
Family Safety
Inside Threats

© C Denton

Keeping Our Kids Safe: Steps 1-4

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.

© C Denton