

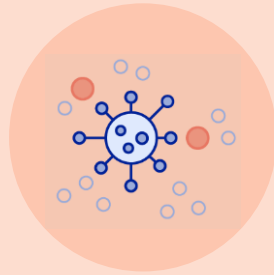
COVID-19

CONTACT TRACING

REFRESHER

WHEN

Is It Safe To Come Out Again?



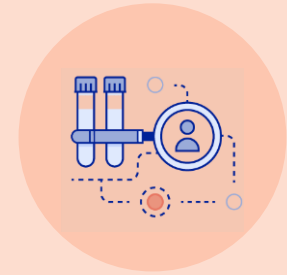
CASES NO LONGER SPREADING WIDELY

Fewer unlinked cases, falling case rates, contact tracing keeping up with case reports



STRONGER HEALTH CARE SYSTEM

Able to withstand increase of cases without risking health care worker and patient lives



PUBLIC HEALTH CAPACITY

Test patients and trace contacts immediately, isolate the ill, quarantine contacts

REFRESHER

HOW

Do We Lift Physical Distancing Restrictions?



MEDICALLY VULNERABLE CONTINUE TO SHELTER

Potentially, those with prior illness will be protected – but we don't know this yet



PRIORITIZE SOCIETAL BENEFIT

Day care, maybe schools (protecting the vulnerable), infrastructure, partial safe re-opening, sanitizer/temp checks



PREPARE TO TIGHTEN THE FAUCET IF CASES SPIKE

Re-institute physical distancing (stay-at-home) if cases increase and may overwhelm health care or public health capacity

CONTACT TRACING

Contact tracing of infected patients has been used on a massive scale successfully in China, South Korea, and Singapore.

It's time to scale up contact tracing in the United States.

FOUR KEY STEPS FOR PUBLIC HEALTH

1

Initial notification of confirmed and presumptive case. Immediate notification with full locating information for patient and provider

2

Interview patients, walking through entire infectious period hour-by-hour and recalling everyone they were in contact with during that time. Provide instructions on and facilitate isolation and treatment. Identify as many contacts as possible.

3

Locate and warn contacts that they have been exposed, interview them to find out if they have symptoms, test if they do (and in some situations, if they don't), arrange for care if ill, quarantine if not.

4

Quarantine and monitor contacts. Daily report on symptoms and temperature for 14 days after last contact while patient was infectious. Consider testing at end of quarantine.

CONTACT TRACING **KEY QUESTIONS**



Building the corps

How will your public health experts create your battalion of this corps of sensitive, trained, effective contact tracers?



Reporting and Privacy Concerns

How will you get all reports immediately and allay concerns about confidentiality and privacy?



Isolating

How to provide for voluntary isolation and quarantine outside of home?



Resources

What community resources will be available for non-hospitalized cases and their contacts?
What telemedicine/phone bank resources do you have?



Mandating Isolation and Quarantine

Is mandatory monitoring and isolation of the sick required? Mandatory monitoring and quarantine of the exposed?

RESOURCES FOR ISOLATED CASES AND QUARANTINED CONTACTS

Need incentives to manage isolation and quarantine with strong wraparound services

EXAMPLES AND IDEAS



Care packages could include

- Masks
- Thermometers
- Food, laundry, pharmacy services
- Health education materials
- Passwords for on-demand movies, e-books, learning channels
- Access to high-speed internet & laptops
- Hand sanitizer & alcohol-based cleansers
- Encouraging note from the mayor



Core resources such as

- Daily check-in phone calls
- Instructions of how to keep space clean for those sharing space
- A hotline for counseling, information, social services, and medical support
- Garbage removal
- Access to telehealth and care if ill
- Relocation to safe and desirable place, if requested



Financial support could include

- Stipend from government to those without sick leave or who need to take care of child or elderly dependents
- Work with employers to provide support, with possible tax credits

LESSONS

1

**Support
Public Health!**

This is a public health emergency. Only public health can lead us out of it.

2

**Embrace
Accountability
and Learning!**

Daily public dissemination of key metrics on testing, isolation, contact tracing, quarantine. Learn continuously to improve continuously.

3

THINK BIG!!

Massive (100x) expansion of care force to support, track, and care for every case and contact fast and well.
