

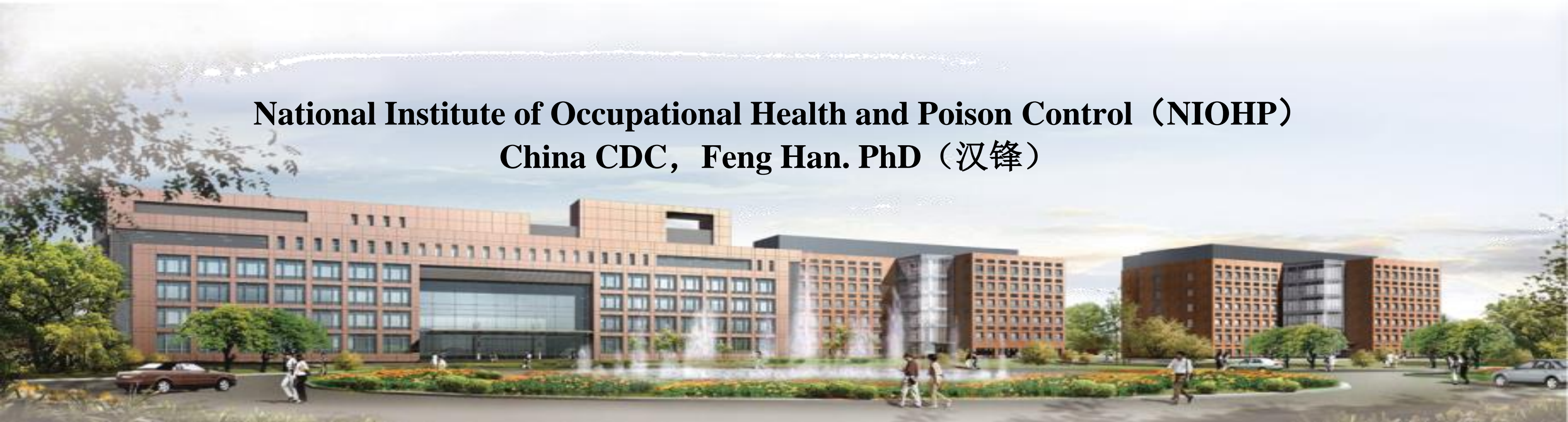


中国疾病预防控制中心  
CHINESE CENTER FOR DISEASE CONTROL AND PREVENTION

# COVID-19 Protective Guidance for Epidemiological Investigators

## ----Experience from China CDC Support Contingent To Wuhan

**National Institute of Occupational Health and Poison Control (NIOHP)**  
**China CDC, Feng Han. PhD (汉锋)**





# China CDC Support Contingent To Wuhan



**The Epidemiological Investigator Team  
40 members**

**The Group of East Lake High-tech Development District**



# What do Epidemiological Investigators do?

Who



Where



Why



- Patients

- Family/Neighbours/Colleagues ←

- Medical Record(when/where)

- Collecting Methods

- Telephone

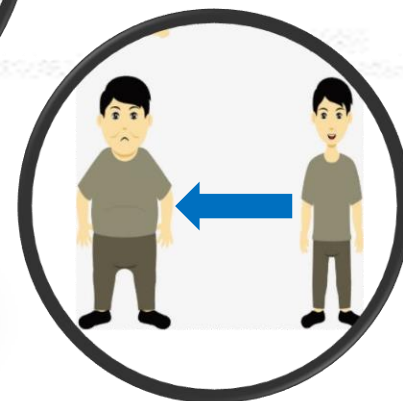
- Electric Questionnaire

- Field Survey

- Face to Face



When



What



How many



1.	
Name :	<input type="text"/>
Department :	<input type="text"/>
Employee number :	<input type="text"/>
2. On which regulations is the training program based?	
<input type="radio"/> ICAO/ TI and IATA/DGR <input type="radio"/> UN Orange Book and ICAO/ TI <input type="radio"/> IATA/DGR and IMDG <input type="radio"/> 49 CFR and UN Orange Book	
3. "Keep away from heat" handling label must be used in addition to the applicable hazard label on packages and overpacks containing self-reactive substances in Division 4.1 and division 5.2, organic peroxides.	
<input type="radio"/> TRUE <input type="radio"/> FALSE	
4. Is dangerous goods is divided into 12 classes?	
<input type="radio"/> TRUE <input type="radio"/> FALSE	





# Field Survey

A Medical  
Observation Site

An Asymptomatic  
infected person

A Welfare  
institute

Confirmed cases



2020/4/22

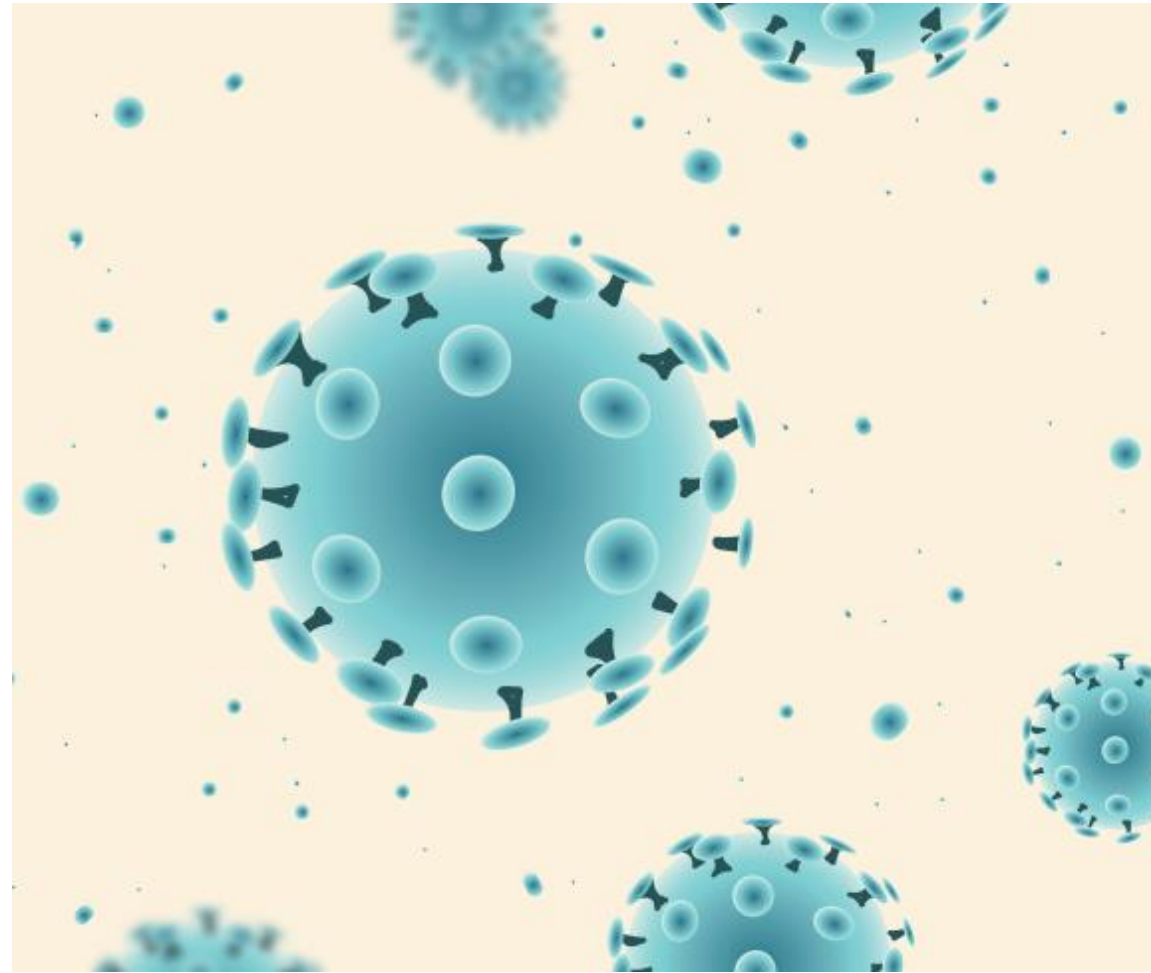


# Survey Patients

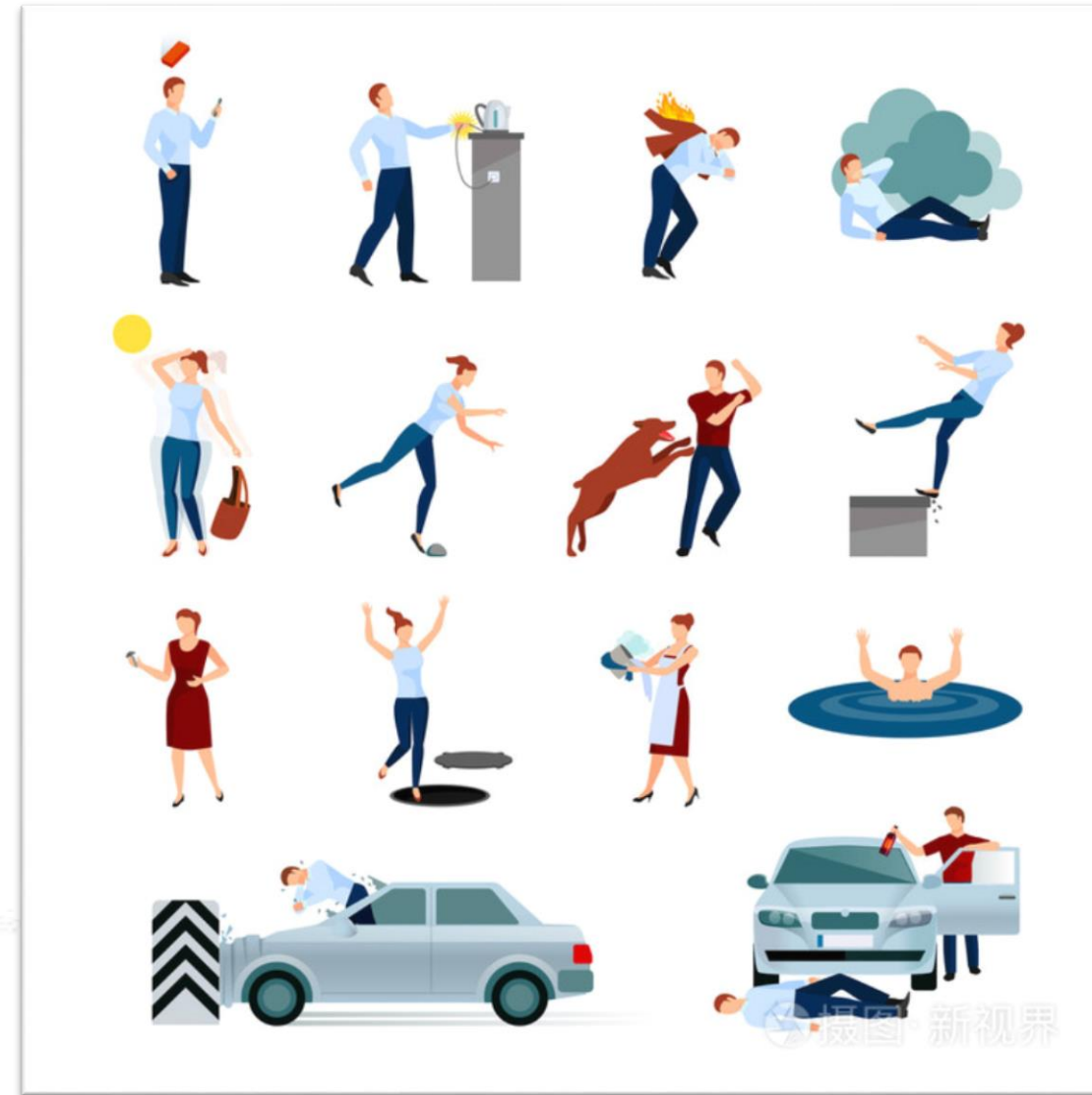


2020/4/22

# Hazards during Field Survey



2019-nCoV

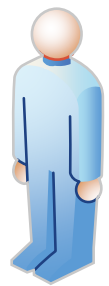
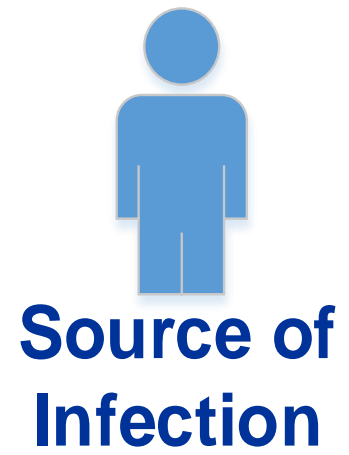


Accidental injury



Psychological damage

# Epidemiology of COVID-19



## Patients

- Suspected Cases
  - Confirmed Cases
  - Asymptomatic
- Infected Persons**



## • Close Contacts



**Droplets and Contact**



**Personal Protection Equipment (PPE)**

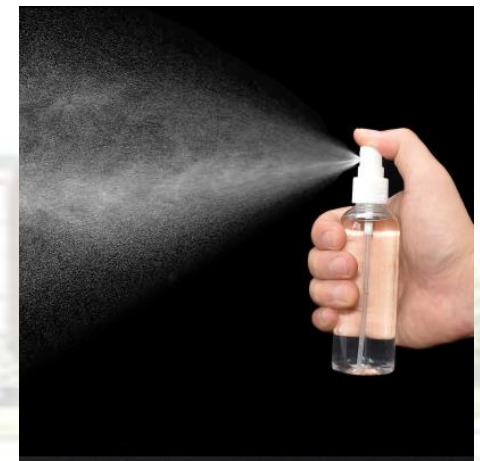


# Critical Points of Protection During Field Survey

Patients Droplets



Survey Papers And Pens



# PPE for Field Survey



**Patients**

- Suspected Cases
- Confirmed Cases
- Asymptomatic Infected Persons

**Patients**

- Suspected Cases
- Confirmed Cases
- Asymptomatic Infected Persons

# Cautions of PPE (1)

## – PPE: Torn

- Handles
- Keys
- Nails
- Thorns
- Replace



# Cautions of PPE (2)

- Wear for hours
  - Drink and eat little
  - Over 4h
    - Diapers



- Female hygiene products



# Notes of Masks (1)

## Replacement

Torn



Toasted



Wet



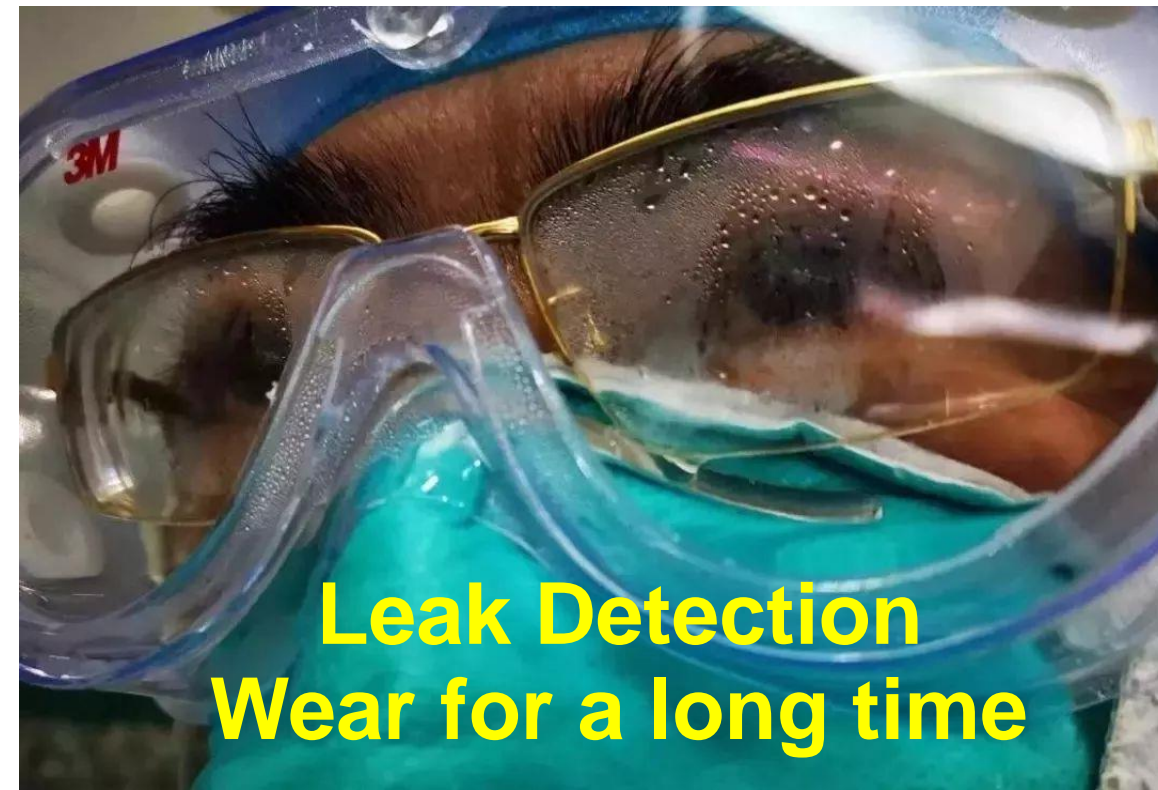
Expired



75% Ethanol

# Notes of Masks (2)

**Breather valve**  
**Patients** ✘



**Beard** ✘  
↓ **Tightness**

# Accidental injury

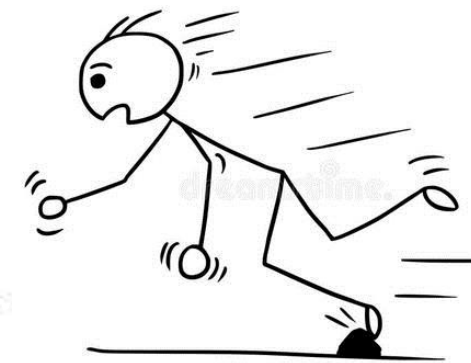
## – Objects

- Liquid: water/oil
- Pipes/Ropes
- Steps/Ladders
- Stones/Bottles



## – Environment

- Darkness
- Rainy/Snowy/Windy

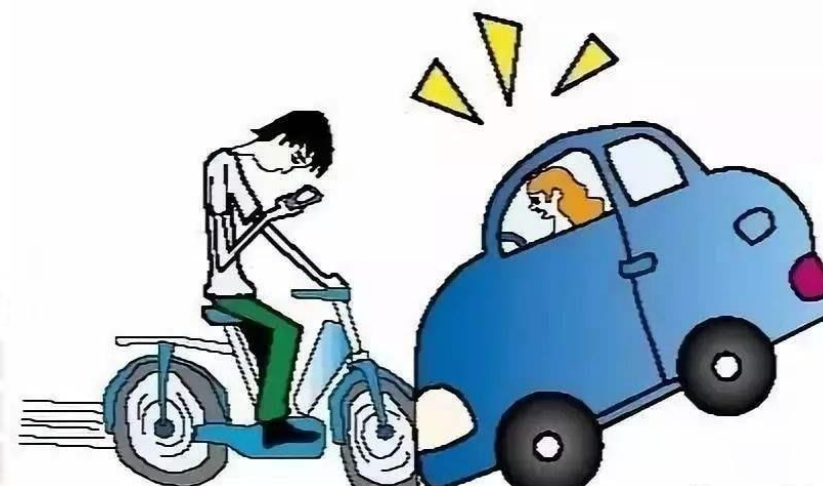


## – Traffic

- Car/Bike

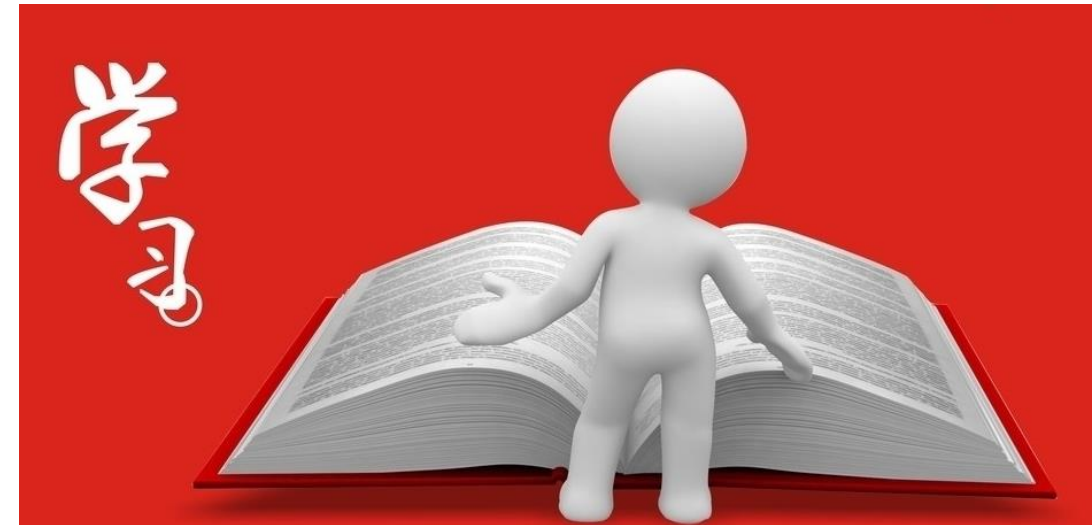
## – Activity

- Jump/Run



# Psychological damage

- Fear
  - COVID-19
- Death
  - Patients
  - Colleagues/Friends
- Others' Offensive
  - Hit
  - Scold
- Fatigue



- COVID-19
  - Preventable
  - Controllable
- Talk
  - Parents/Lover/Family/  
Friends/Colleagues
- Comfort
- Support
- Physical Exercise
  - Strong body
  - Release
  - Immunity



中国疾病预防控制中心  
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# Protect ourselves, save more lives!

I participate in this Webinar as an individual expert and therefore be independent from any organization in my work.

# Thanks For Attention!

