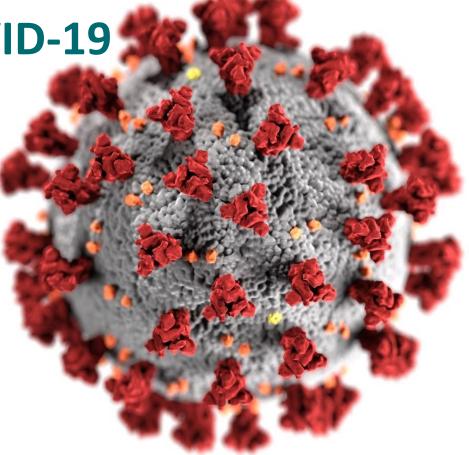
What you need to know about COVID-19 and the role of community health workers in the Latino community

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For more information: www.cdc.gov/COVID19

Objectives

- Provide an overview of COVID-19 that CHWs can apply when guiding COVID
 19 prevention in the communities that they serve
- Discuss the evidence-based COVID-19 prevention recommendations on how individuals can help themselves, their families and communities in preventing or slowing the spread of COVID-19
- Share messages, tools and other resources in Spanish that health promoters may use to inform at-risk groups, including older adults and people with underlying conditions
- Discuss the experiences of CHWs and the changing roles they face in the COVID-19 pandemic



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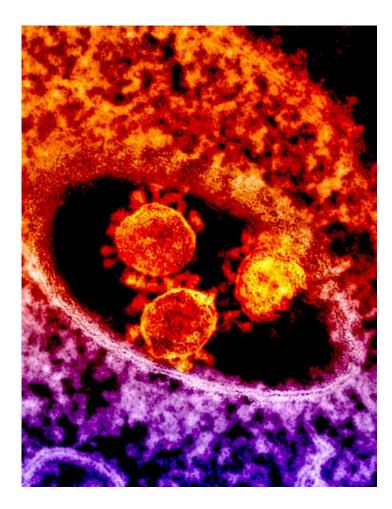
Coronavirus Background



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Coronavirus (CoV) Background

- Large family of viruses that cause respiratory illness
 - Belongs to *Coronaviridae* family
- First isolated in the 1960s
- Named for the crown-like spikes on surface
 - 4 subgroupings (alpha, beta, gamma, delta)
- Some can spread between animals and people (zoonotic)

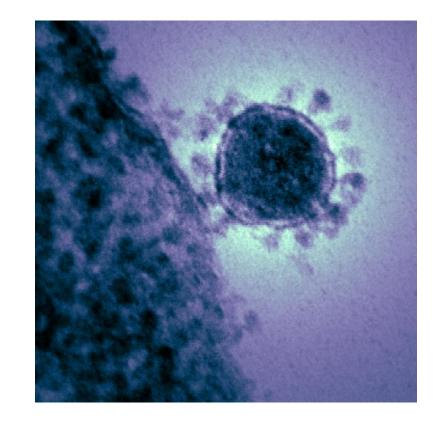




Seven Human Coronaviruses (HCoVs)

Common HCoVs:

- HCoV-229E (alpha)
- HCoV-OC43 (alpha)
- HCoV-NL63 (beta)
- HCoV-HKU1 (beta)
- Other HCoVs:
 - SARS-CoV (beta)
 - MERS-CoV (beta)
 - SARS-CoV-2* (beta)



Produced by the National Institute of Allergy and Infectious Diseases (NIAID), this highly magnified, digitally colorized transmission electron microscopic (TEM) image, reveals ultrastructural details exhibited by a single, spherical shaped, **Middle East respiratory syndrome coronavirus (MERS-CoV)** virion.



Common HCoVs: Clinical Presentation & Diagnosis

- Usually cause mild to moderate upper-respiratory tract illnesses, like the common cold
 - May cause more severe disease like pneumonia or bronchitis
 - More common in infants, older adults, and people with underlying conditions that weaken the immune system
 - Symptoms may include:
 - Runny nose

• Sore throat

• Headache

• Fever

Cough

• General unwell feeling

- Diagnosis
 - Lab tests can be used to test respiratory specimens and serum (blood) for coronavirus infection in patients with more severe disease



Common HCoVs: How They Spread

- Most commonly spread from an infected person to others through:
 - Respiratory droplets by coughing, sneezing, or talking
 - Close personal contact, such as touching or shaking hands
 - Touching an object or surface that has the virus on it
- Commonly occurs in fall and winter, but can occur yearround
- Young children are most likely to get infected
- Most people will get infected at least once in their lifetime





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Other Human Coronaviruses

SARS-COV (Severe Acute Respiratory Syndrome Coronavirus) MERS-COV (Middle East Respiratory Syndrome Coronavirus)



SARS & MERS: History

- First recognized
 - 2002 (SARS) in China
 - 2012 (MERS) in Saudi Arabia
- Scope of outbreaks
 - SARS: 8,000+ probable cases and 774 deaths (2002–03)
 - No known human cases since 2004
 - MERS: 2,400+ lab-confirmed cases and 850+ deaths (as of 10/3/19)
 - 2 US cases in 2014 among healthcare professionals



SARS & MERS: Clinical Picture

Transmission between people

Close person-to-person contact

Most common symptoms

- Fever and chills
- Body aches
- Cough
- Shortness of breath

Complications can include

- Pneumonia (SARS & MERS)
- Kidney failure (MERS)

Treatment

- No specific antiviral treatment licensed for SARS or MERS
- Individuals seek medical care to relieve symptoms

Prevention

- No vaccine available
- Everyday preventive actions to prevent the spread of respiratory viruses (e.g., hand hygiene)



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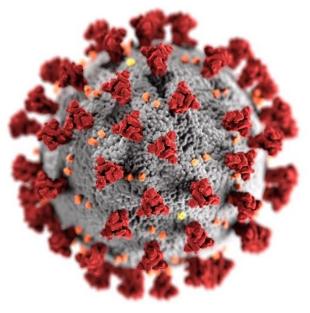
Coronavirus Disease 2019 (COVID-19)



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COVID-19: Emergence

- Identified in Wuhan, China in December 2019
- Caused by the virus SARS-CoV-2
- Early on, many patients were reported to have a link to a large seafood and live animal market
- Later patients did not have exposure to animal markets
 - Indicated person-to-person spread
- Travel-related exportation of cases reported
 - First US case reported: January 21, 2020
- CDC is reporting confirmed COVID-19 cases in the US online at <u>www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html</u>





COVID-19: How It Spreads

- Investigations are ongoing to better understand spread
- Largely based on what is known from other coronaviruses
 - Presumed to occur primarily through close personto-person contact through respiratory droplets produced when infected person coughs, sneezes, or talks
 - Possibly by touching a surface or object that has the virus on it and then touching the mouth, nose, or





eyes

COVID-19: Symptoms & Complications

Symptoms may include

- Fever
- Cough
- Shortness of breath



Estimated incubation period

2 to 14 days



Wide range of illness severity has been reported

- Mild to severe illness
- Can result in death

Complications may include

- Pneumonia
- Respiratory failure
- Multisystem organ failure



How You Can Prevent COVID-19



Everyday actions to prevent respiratory illnesses

- Avoid exposure to the virus
- Wear cloth face covering if leaving the house
- Don't touch your eyes, nose, or mouth
- Cover your mouth when coughing or sneezing with a tissue and discard it after use
- Avoid contact with people who are sick
- Stay home if you are sick





Everyday actions to prevent respiratory illnesses

- Cover your cough or sneeze with a tissue, then throw it away
- Wash your hands often with soap and water for at least 20 seconds
 - Use an alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not readily available
- Clean and disinfect frequently touched objects and surfaces





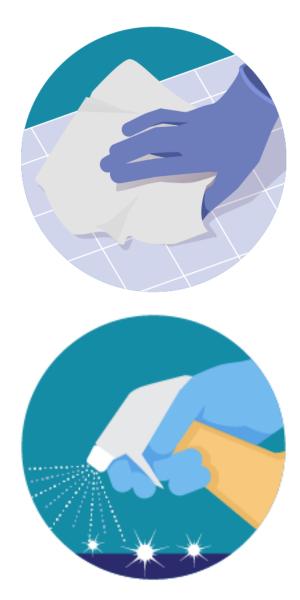
How to Wash Your Hands the Right Way

Wet Lather Frótese Bien las Manos 20 seconds Moje sus manos Utilice Jabón Scrub Rinse Dry Seque Bien con Papel o Lave Cada Espacio d Enjuagu Toalla Limpia sus Dedo



Clean and Disinfect

- Wear disposable gloves to clean and disinfect
- Routinely clean and disinfect high-touch surfaces
 - High touch surfaces include:
 - Tables, doorknobs, light switches, countertops, handles, desks, phones, keyboards, toilets, faucets, sinks, etc.
- Clean:
 - Clean visibly dirty surfaces using soap and water.
- Disinfect:
 - Use EPA-registered household disinfectants
 - Follow the instructions on the label to ensure safe and effective use of the product





What is Social Distancing?

- Keeping space between yourself and other people outside of your home
- Helps control the spread
- To practice social distancing:
 - Stay at least 6 feet (2 meters) from other people when outside home
 - Do not gather in groups
 - Avoid crowded places, mass gatherings
 - Do not hug, kiss or shake hands
- Avoid close contact with people who have symptoms





Cloth Face Coverings

- CDC recommends wearing cloth face coverings outside the home to help prevent the spread of COVID-19
- Do not place cloth face coverings on children under age 2 or anyone who has trouble breathing or is unconscious, incapacitated, or otherwise unable to remove the mask without assistance
- A washing machine can be used to wash a face covering routinely
- Continue to take other preventive actions:
 - Remain at least 6 feet apart from other individuals
 - Wash hands often
 - Clean high-touch surfaces in your home often
 - Stay home when sick
- The cloth face coverings recommended are not surgical masks or N-95 respirators. Those are critical supplies that must continue to be reserved for healthcare workers and other medical first responder



Who is at Higher Risk?

- Based on what we know now, those at highrisk for severe illness from COVID-19 are:
 - People 65 years and older
 - People who live in a nursing home or long-term care facility
 - People of all ages with underlying medical conditions, particularly if not well controlled, including:
 - People with **chronic lung disease** or moderate to severe **asthma**



• People with **serious heart conditions**



Who is at Higher Risk? (cont.)

- People who are immunocompromised
 - Cancer treatment, smoking, bone marrow or organ transplantation, immune deficiencies, poorly controlled HIV or AIDS
 - Prolonged use of corticosteroids and other immune weakening medications
- People with severe obesity (body mass index [BMI] of 40 or higher)
- People with diabetes
- People with chronic kidney disease undergoing dialysis
- People with liver disease





COVID-19: Treatment

Treatment

- No specific antiviral treatment licensed for COVID-19
- Supportive care to
 - Relieve symptoms
 - Manage pneumonia and respiratory failure





COVID-19: Treatment

- Seek medical care if you
 - Feel sick with fever, cough, or difficulty breathing

AND

 Have been in close contact with a person known to have COVID-19 or if you live in or have recently been in an area with ongoing spread of COVID-19.





COVID-19: What You Can Do

Stay Informed

- COVID-19 most recent information <u>www.cdc.gov/COVID19</u>
- CDC travel advisories
 wwwnc.cdc.gov/travel/notices
- Stress and coping

https://www.cdc.gov/coronavirus/2019-ncov/dailylife-coping/managing-stress-anxiety.html





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Role of community health workers and COVID-19



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Who is a community health worker?

Definition by the American Public Health Association:

- A trusted member of and/or has a close understanding of the community served
- Serves as a liaison/intermediary between health/social services and the community
- Facilitates access to services
- Improves the quality and cultural competence of service delivery
- Increases individual and community capacity by increasing health awareness





Community health worker capacities and COVID

- Must have been trained by health personnel
- Must be authorized and recognized by the health team
- Must be prepared to inform, guide, educate peers to conduct health promotion and disease prevention





The role of a community health worker

- Promoting every day preventive actions as the main strategy to prevent COVID 19
- Provide information to break down myths and rumors
- Identify populations at risk
- Refer clients to additional services





The role of a community health worker

- Be the ear that listens to others during their lonely time of social estrangement
- Help organize food delivery or utility assistance
- Advocate with landlords
- Explain changing rules and facilitate enrollment for social benefits and resources in the community
- Promote preventive health behavior to curb contagion
- Reinforce public health messages about COVID-19





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CHW: Community Experts



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Community Health Workers

They can be part of the frontline workforce to respond immediately to the COVID-19 pandemic



Factors that promote the effectiveness of the CHWs in the community

- Community health work is easier for a local person than for someone who comes from the outside because people know and trust them.
- The CHW speaks in the same terms of the community, knows the customs and issues.
- On many occasions CHWs have the same social and cultural background
- They dress and behave the same and speak the same local language
- They know the myths and beliefs of the community



Safety practices for CHWs conducting home visits/community services

What is a home visit?

- A set of social and health activities that are provided at home to persons
- Care that allows CHWs to:
 - Detect, value, support and control health problems of the individual and the family
 - Enhance autonomy
 - Improve people's quality of life
- Set of specific tasks, making it a means of liaison between the family and the health system.



Safety practices for CHWs conducting home visits/community services

- During these COVID-19 times, the CHW must establish priority criteria for making home visits:
 - Families with adults over 60 years old
 - People who live alone or without families
 - People who can't travel to the health center
 - Families with ill or handicapped patients
 - People recently discharged from the hospital
 - People taking vital medications



Safety practices for CHWs conducting home visits/community services

Set goals for your visit:

- Will you coordinate care for people who cannot go to health centers?
- How much information, education, and support will you provide to the patient and family?
- Will you facilitate primary, secondary and tertiary prevention?
- Will you suggest when to go an emergency room?
- Is this an unnecessary visit?
- Will you help coordinate between the provision of health and social services?



Safety practices for CHWs conducting home visits/community services

- Develop a culture of safety
- Ask if a family members have experienced cough, fever or shortness of breath
- Ask if family members have traveled recently to international destinations or U.S. hot spots (CA, NY, LA, WA) or other states with high number of people with COVID-19

- Follow universal precautions:
 - Handwashing before and after visits or using hand sanitizer (60% or more alcohol)
 - Do not eat or drink during visit
- Avoid touching surfaces, carry disposable tissues
- Wear gloves and cloth face covering
- Keep your distance from others
 (about 6 feet or 2 meters)
- Don't take unnecessary risks



Myths and legends

- Rinsing your nose prevents contagion
- Eating garlic protects against the virus
- Sesame oil kills COVID 19
- You have to spray the body with alcohol or chlorine

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Bilingual Resources



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Graphics



https://www.cdc.gov/coronavirus/2019-ncov/communication/social-media-toolkit.html

Graphics



https://www.cdc.gov/coronavirus/2019-ncov/communication/social-media-toolkit.html

Tip Sheets



https://www.cdc.gov/coronavirus/2019-ncov/communication/factsheets.html

Tip Sheets



Stop the Spread of Germs

Help prevent the spread of respiratory diseases like COVID-19.



https://www.cdc.gov/coronavirus/2019-ncov/communication/factsheets.html

Tip Sheets

Lo que necesita saber sobre la enfermedad del coronavirus 2019 (COVID-19)

¿Qué es la enfermedad del coronavirus 2019 (COVID-19)?

La enfermedad del coronavirus 2019 (COVID-19) es una afección respiratoria que se puede propagar de persona a persona. El virus que causa el COVID-19 es un nuevo coronavirus que se identificó por primera vez durante la investigación de un brote en Wuhan, China.

¿Pueden las personas en los EE. UU. contraer el COVID-19?

St. El COVID-19 es esta propagando de persona a persona en partes de los Etandos Unidos. En riesgo de infección com COVID-19 es mayor en las personas que son contactos cercanos de alguien que se sena que time el COVID-19, por ejemplo, trabajadores del sector de la salud o miembros del hogar. Otras personas con un riesgo mayor de infección son la que viven o han estado recientemente en un área con propagación en curso del COVID-19.

¿Ha habido casos de COVID-19 en los EE. UU.?

Si. El primer caso de COVID-19 en los Estados Unidos se notificó el 21 de enero del 2020. La cantifida actual de casos de COVID-19 en los Estados Unidos está disponible en la página web de los CDC en <u>https://www.cdc.gov/coronavirus/2019ncov/case-in-u.html</u>.

¿Cómo se propaga el COVID-19?

Es probable que el virus que causa el COVID-19 haya surgido de una fuenta simita, pero ahora se está propagando de persona a persona. Se cree que el virus se propaga principalmente entre las personas, que están en contacio ceracio unas con otras (dentro de 6 pies de distancia), a través de las gottars respiratorias que se producen causado una persona inficiada tose o estormula. También podrá ser posible que una persona contraiga el COVID-19 al tocar una superficie au objeto que tenga el virus y lasgo se toque la boca, la marizo posiblemente los ojos, aunque os e cree que esta se la principal forma en que se propaga el uso comparismo. 2016. Develo de tenga de las posiblementes los ojos, aunque los cortes de tende as la principal forma en que se propaga el los cortonarismo. Sen encordo de tende tenga de las de l

¿Cuáles son los síntomas del COVID-19?

Los pacientes con COVID-19 han tenido enfermedad respiratoria de leve a grave con los siguientes síntomas:

ore

tos
dificultad para respirar

¿Cuáles son las complicaciones graves provocadas por

este virus? Algunos pacientes presentan neumonía en ambos pulmones, insuficiencia de múltiples órganos y algunos han muerto.



¿Qué puedo hacer para ayudar a protegerme?

Las personas se pueden proteger de las enfermedades respiratorias tomando medidas preventivas cotidianas. • Evite el contacto cercano con personas enfermas. • Evite tocarse los oios. la naria y la boca con las manos sin

 Lávese frecuentemente las manos con agua y jabón por al menos 20 segundos. Use un desinfectante de manos que contenga al menos un 60 % de alcohol si no hay agua y jabón

Si está enfermo, para prevenir la propagación de la enfermedad respiratoria a los demás, debería hacer lo siguiente:

Ouedarse en casa si está enfermo.

Cubrirse la nariz y la boca con un pañuelo desechable al toser o estornudar y luego botarlo a la basura.
Limpiar y desinfectar los objetos y las superficies que se tocan

recuentemente. ¿Qué debo hacer si he regresado recientemente de un viaje

a un área con propagación en curso del COVID-19?

Si ha llegado de viaje proveniente de un área afectada, podrian indicarie que no alga de casa por hata 2 semanas. Si presenta sintomas durante ese periodo (fichre, tos, dificultad para repriar), consulte a un médico. Lume al consultorio de su proveedor de atención médica antes de ir y digales sobre sun viaje y sus sintomas. Ellos le darán instrucciones sobre cómo conseguir atención médica ani exponer a los demás a su enformedad. Mientras esté enferno, evite el contacto con otras personas, no salga y postergue cualquier viaje para reducir la posibilidad de progagar la enferenciad a los demás.

¿Hay alguna vacuna?

En la actualidad no existe una vacuna que proteja contra el COVID-19. La mejor manera de prevenir infecciones es tomar medidas preventivas cotidianas, como evitar el contacto cercano con personas enfermas y lavarse las manos con frecuencia.

¿Existe un tratamiento?

No hay un tratamiento antiviral específico para el COVID-19. Las personas con el COVID-19 pueden buscar atención médica para ayudar a aliviar los síntomas.

das por

cdc.gov/COVID19-es

Qué hacer si contrae la enfermedad del coronavirus 2019 (COVID-19)

Si usted está enfermo con COVID-19 o sospecha que está infectado por el virus que causa el COVID-19, tome las medidas mencionadas a continuación para ayudar a prevenir que la enfermedad se propague a personas en su casa y en la comunidad.

Quédese en casa, excepto para conseguir atención médica

Debe restringir las actividades fuera de su casa, excepto para conseguir atención médica. No vaya al trabajo, la escuela o a áreas públicas. Evite usar el servicio de transporte público, vehículos compartidos o taxis.

Manténgase alejado de otras personas y de los animales en su casa

Personas: en la medida de lo posible, permanezca en una habitación específica y lejos de las demás personas que estén en su casa. Además, debería usar un baño aparte, de ser posible. Animales: mientras esté enfermo. no manipule ni tooue mascotas

ni otros animales. Consulte <u>El COVID-19 y los animales</u> para obtener más información.

Llame antes de ir al médico

Si tiene una cita médica, llame al proveedor de atención médica y digale que tiene o que podría tener COVID-19. Esto ayudará a que en el consultorio del proveedor de atención médica se tomen medidas para evitar que otras personas se infecten o expongan.

Use una mascarilla

Usted deberia usar una marcarilla cuando esté cerca de otras personas (p. ej., compartiendo una habitación o un vehículo) o de mascotas y antes de entras al consultorio de un proveedor de atención médica. Si no puede usar una maacarilla (por ejemplo, porque le causa dificultad para reginar), las personas que vivan con usted no deberían permanecer con usted en la misma habitación, o deberían ponere una mascarilla i entran a un babitación.

Cúbrase la nariz y la boca al toser y estornudar

Cubrane la naria y la baca con un pañsulo deschable al tosse o estormuidar. Beche las pañsulos deschables unados en un bete de banaro con una bolias de plastico adentro: lásere inmediatamente las manos con agus y plaben por al menos 20 segundos i Umpieelas con un desinfectante de manos que contenga al menos 60 % de alcohol, cubra todas las ausperficies de las manos y frótesaban basta que sienta que a sexaron. Si tiene las manos visiblemente sucias, es preferible unar aruna vidon.

Evite compartir artículos del hogar de uso personal

No debe compartir platos, vasos, tazas, cubiertos, toallas o ropa de cama con otras personas o mascotas que estén en su casa. Después de usar estos artículos, se los debe lavar bien con agua y jabón.



L'impiese las manos con frecuencia L'avese frecuentemente las manos con agua y jabón por al menos 20 segundos. Si no hay agua y jabón disponibles, limpiesedas con un destinfertante de manos que contenga al menos un 00 % de alcohora. Ou este se secarano. Si tiene las manos viniblemente suchas, en précrite uara agua y jabón. Evite corase los ojos, la nariz y la boca con las manos sin lavar.

Limpie todos los días todas las superficies de contacto frecuente

Las superficies de contacto frecuente incluyen los mesones, las mesas, las maninas de las puertas, las llaves y gritos del bato, los inodoros, los teléfonos, los toclados, las tabletas y las mesas de cama. Limpie también todas las superficies que puedan tener sangre, heces o líquidos corporales. Use un limpiador de uso doméstico, ya sea un roctador o una toallita, según las instrucciones de la etiqueta. Las etiquetas contienen instrucciones el para de los seguro y eficaz de los productos de limpieza, induidais las prevaciones que deberia tomar cuando aplique el producto, como usar guantes y asegurarse de tener buena ventilación mientras lo ser usuaños.

Vigile sus síntomas

Busque atención medica rápidamente e i su enfermedad empeora (p. e., si tiene dificultad para resprira). Antes de hacerlo, llame a su provedor de atención medica y digale que tiene COVID-19, o que esta siendo evaluado para determinar si lo tienez. Póngase una mascarilla antes de entrar al consultorio. Estas medicas spudarán a que en el consultorio de la provedor de atención medica se pueda evitar la infección o exposición de las otras personas que estén en el consultorio no las da de esprez.

Pidale a su proveedor de atención médica que lame al departamento de salud local o estatal. Las personas que esten bajo monitoreo activo o automonitoreo facilizado deben seguir las indicaciones provistas por los profesionales de salud ocupacional o de su departamento de salud local, según corresponda.

Si tiene una emergencia médica o necesita llamar al 911, avisele al personal del centro de llamadas que tiene COVID-19 o lo están evaluando para determinarlo. De ser posible, póngase una mascarilla antes de que llegue el servicio médico de emergencias.

Interrupción del aislamiento en la casa

Los pacientes con COVID-19 confirmado deben permanecer bajo precauciones de aislamiento en la cana hata que el riesgo de transmisión secundaría a otras personas se considere bajo. La decisión de interrumpir las precauciones de aislamiento en la casa debe tomarse según cada caso en particular, en consulta con proveedores de atención médica y departamentos de salud estatales

www.cdc.gov/COVID19-es

https://www.cdc.gov/coronavirus/2019-ncov/communication/factsheets.html

Infographics

CORONAVIRUS DISEASE 2019 (COVID-19)

Patients with COVID-19 have reportedly had mild to severe respiratory illness. Symptoms* can include

• Fever

Cough

Shortness of breath

*Symptoms may appear 2-14 days after exposure.

Seek medical advice if you develop symptoms, and have been in close contact with a person known to have COVID-19 or if you live in or have recently been in an area with ongoing spread of COVID-19.

cdc.gov/COVID19-symptoms

314705-8 March 21, 2020 4:58 PM

ENFERMEDAD DEL CORONAVIRUS 2019 (COVID-19)

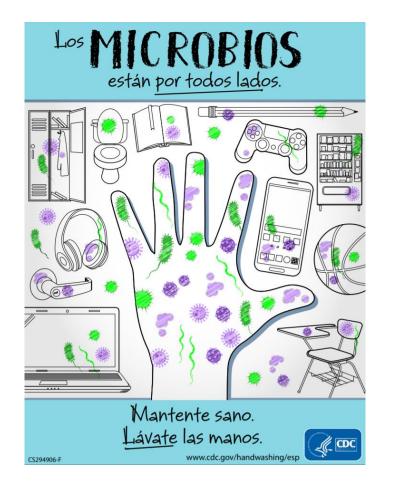
Usted puede ayudar a prevenir la propagación de enfermedades respiratorias con las siguientes medidas:

- Evite el contacto cercano con las personas enfermas.
- Evite tocarse los ojos, la nariz y la boca.
- Practica el distanciamiento social dejando espacio entre tú y los demás.
- Lávese las manos frecuentemente con agua y jabón por al menos 20 segundos.



https://www.cdc.gov/coronavirus/2019-ncov/downloads/infographic-prevention-Spanish.zip

Posters





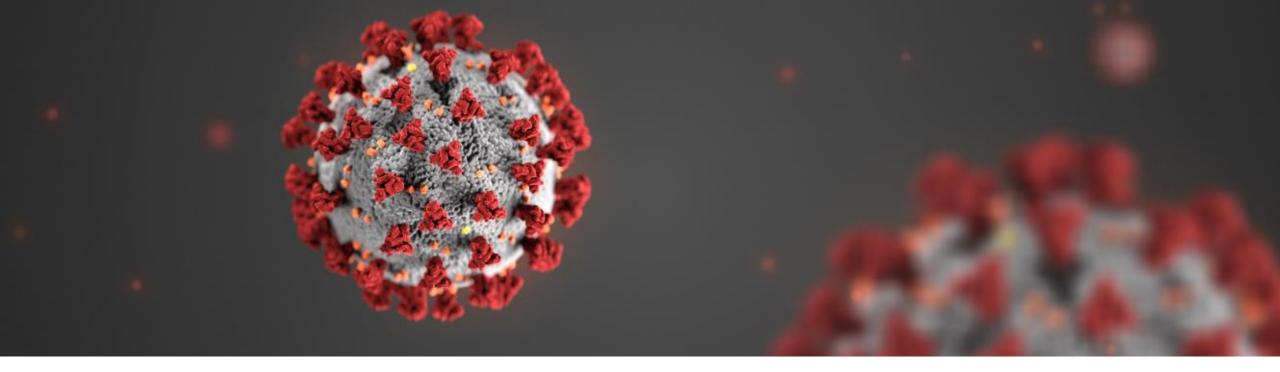


https://www.cdc.gov/handwashing/esp/posters.html

Videos



https://www.cdc.gov/cdctv/healthyliving/hygiene/whatyou-need-know-about-handwashing.html https://www.cdc.gov/cdctv/spanish/healthyliving/lavad o-de-manos.html



For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov Denise Smith <u>-dsmith@nachw.org</u> Colleen Barbero- <u>vrm5@cdc.gov</u>

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

