





# Vaccine Resource Center

Your access to affordable vaccines is made easy through IPC's preferred vaccine vendors.























## **IPC Vaccine Resources**

As part of our commitment to supporting independent pharmacy, IPC has gathered complimentary vaccine resources from our Preferred Vendor Partners to help you grow your immunization program with direct-to-consumer marketing tools.

Vaccinations against preventable diseases not only protect your patients but also strengthen community health and ease the burden on our healthcare system. Use these resources to raise awareness about the risks of influenza (flu), pneumonia, and other preventable illnesses within your community.

For additional downloadable and orderable materials, visit IPC's Vendor Advantage Network for direct links and expanded resources to support your pharmacy's immunization efforts.

IPCRX.COM 800.755.1531 FAX: 800.274.5525







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# **Don't Let Your Guard Down!**

COVID-19 is very contagious and can cause long-lasting effects. Continue to shield your health with a COVID vaccine or booster.

## Symptoms of COVID-19 include:

- Fever and/or chills
- Cough
- Fatigue
- Loss of taste or smell
- Shortness of breath
- Muscle or body aches
- Sore throat
- Runny nose
- Headache
- Nausea
- Vomiting
- Diarrhea

Ask your healthcare provider or pharmacist about a COVID-19 vaccine or booster today!

Choice | Confidence | Commitment | Safety BioSupply.FFFenterprises.com | (800) 843-7477







## **Protect Your Student Body**

COVID-19 is very contagious and can cause long-lasting effects.

Reduce your risk and build your future with a COVID-19 vaccine or booster.



## Symptoms of COVID-19 include:

- Fever and/or chills
- Cough
- Fatique
- Loss of taste or smell

- Shortness of breath
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Ask your healthcare provider or pharmacist about a COVID-19 vaccine or booster today!

Choice | Confidence | Commitment | Safety MyFluVaccine.com | (800) 843-7477





LOCATION(S): DATE(S): TIME(S):



## Symptoms of COVID-19 include:

- Fever and/or chills
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COVID-19 vaccine or booster today!

Ask your healthcare provider or pharmacist about a

Choice | Confidence | Commitment | Safety MyFluVaccine.com | (800) 843-7477



- Shortness of breath
- Muscle or body aches
- Sore throat
- Runny nose

- Headache
- Nausea
- Vomiting
- Diarrhea



- Exposure to cold weather: There is no evidence that cold weather can kill the SARS-CoV-2 virus.
- Taking vitamin D supplements: There is no evidence that vitamin D supplementation can prevent or treat the SARS-CoV-2 virus.
- stomach, where it will be killed by stomach acid or prevent the virus Drinking water: While it's important to hydrate when ill, drinking water will not wash the virus down a person's throat and into the from entering the lungs.
- bleach, and/or rubbing alcohol are hazardous when consumed. They Ingesting highly toxic products: Toxic substances like disinfectants,
  - controls parasites in animals and humans will not prevent or cure Taking medicines approved for animals: Ivermectin – a drug that COVID-19. Formulations for animals differ from formulations for should never be ingested or rubbed excessively on the body. people and thus can be very toxic to humans.

There are no long-term effects of COVID-19.

While most people who contract the SARS-CoV-2 virus recuperate within a years. The most common symptoms include fatigue, symptoms that worsen variety of names for this, including post-COVID-19 syndrome, post-COVID conditions, long COVID, long-haul COVID-19, and post-acute sequelae of few weeks, some symptoms last for a long time afterward. There are a contracting the virus, and for some, these symptoms last for months or SARS-COV-2 infection. With long COVID, individuals experience new, returning, or ongoing symptoms that last more than four weeks after

including difficulty breathing, shortness of breath, and cough. But other more after physical or mental effort, and fever and lung (respiratory) symptoms, serious symptoms include:12

- Neurological symptoms or mental health conditions, including difficulty thinking or concentrating, headache, sleep problems, pins-and-needles feeling, and depression or anxiety dizziness when standing, loss of smell or taste,
  - Joint or muscle pain
- Heart symptoms or conditions, including chest pain and fast or pounding heartbeat
- Digestive symptoms, including diarrhea and stomach pain
- blood clot that travels to the lungs from deep veins in the legs Blood clots and blood vessel (vascular) issues, including a and blocks blood flow to the lungs (pulmonary embolism)
- Other symptoms, such as a rash and changes in the menstrual

The COVID-19 pandemic is over.

ered a public health emergency. However, it is too early for people to let their Additionally, the possibility of overcrowded healthcare facilities and systems Thanks to vaccination and mitigation efforts, COVID-19 is no longer considguard down, as COVID-19 and its variants could still emerge worldwide. at the height of respiratory disease seasons remains a concern. 13

New COVID-19 Vaccine Effectiveness Data Showcase Protection Gained by 3rd and 4th Doses www.cdc.gov/media/releases/2022/s0715-C0VID-VE.html

Similarities and Differences Between Flu and COVID-19

References

www.cdc.gov/flu/symptoms/flu-vs-covid19.htm

sed July 2023

Myths and Facts About COVID-19 Vaccines

www.cdc.gov/coronavirus/2019-ncov/vao

Acces sed July 2023

Accessed July 2023

- Know Your Treatment Options for COVID-19 Accessed July 2023
- How to Protect Yourselfand Others
- Debunking COVID-19 myths Accessed July 2023
- Long COVID or Post-COVID Condition Accessed July 2023

Accessed July 2023

Considerations for SARS-COAP-2 Antique Testing for Healthcare Providers Testing hold violusts in the Community www.oct.gov/coronarious/2019-noov/lab/resources/antigen-tests-guidelines.html Accessed July/2023

www.cdc\_gov/cor onavirus/2019-ncov/lab/multiplex.html Acces sed July 2023

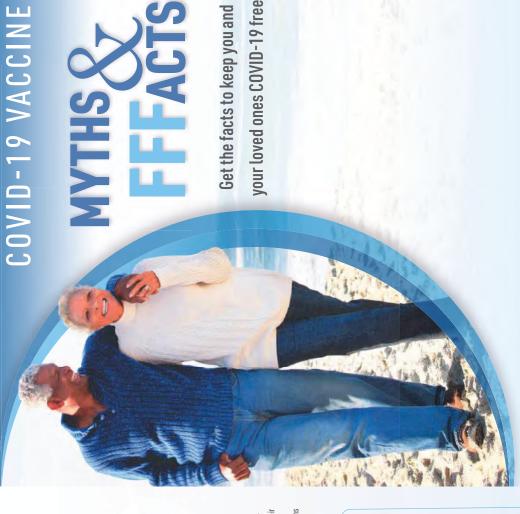
CDC's Influenza SARS-CoV-2 Multiplex Assay

MIH Experts Discuss Controlling COVID -19 in Commentary on Herd Immunity

Why COVID-19 Vaccines Offer Better Protection Than Infection

Acces sed July 2023

complicates-fight How Biden's Declaring the Pandemic Over' Complicates Efror's to Fight COVID www.npr.org/sections/health-shots/2022/09/20/1123883448/biden-pandem Accessed July 2023



your loved ones COVID-19 free.

Get the facts to keep you and

Choice | Confidence | Commitment | Safety MyFluVaccine.com | (800) 843-7477



A Simple Breakdown of the Ingredients in the COVID Vaccines www.hackensackmendianhealth.org/en/Health U/2021/01/11/14-Accessed July 2023

COVID-19 is no worse than the seasonal flu.

COVID-19 than with the flu. COVID-19 also causes complications, such as appear one to four days after infection. COVID-19 is more contagious and While the SARS-CoV-2 virus is like the influenza virus since they are both different and affect people differently. Symptoms of COVID-19 generally contagious respiratory diseases with similar symptoms, the viruses are spreads more quickly than the flu. In addition, people infected with the appear two to 14 days after infection, while symptoms of flu generally SARS-CoV-2 virus may lose their sense of taste and/or smell. Severe illness, lung injury, and/or long-term effects are more frequent with blood clots and multisystem inflammatory syndrome.

Getting a COVID-19 vaccine will cause me to test positive on a viral test.

possible you could test positive on antibody tests. These tests indicate that body develops an immune response to vaccination (which is intended), it's you had a previous infection and that your body may have developed some COVID-19 vaccines cannot cause you to test positive on viral tests. If your protection against the virus.<sup>2</sup>

COVID-19 vaccines cause variants

COVID-19 vaccines do not create or cause virus variants to arise. Instead /accination reduces the virus's spread, which helps prevent new variants COVID-19 vaccines can help prevent new variants from developing. New changes, and as the virus spreads, it finds more opportunities to mutate. variants emerge because the virus that causes COVID-19 constantly rom evolving.

COVID-19 tests can't distinguish between the SARS-CoV-2 virus and

viruses. CDC switched to the multiplexed PCR test since it can diagnose influenza and COVID-19 simultaneously, which caused many to believe the original tests couldn't distinguish the SARS-CoV-2 virus from other using the "multiplexed method," a new test that could check for both SARS-CoV-2 virus and not the flu. However, in July 2021, CDC began The most widely used COVID-19 tests initially could detect only the both viruses at the same time.3

Rapid tests cannot diagnose COVID-19.

detecting the genetic material inside the coronavirus, which means it can start. Rapid tests swab the nose to look for viral antigens (proteins). The COVID-19, rapid tests (or antigen tests) provide a diagnosis in minutes contagious and can spread the virus to others. PCR tests are based on detect an infection in the earliest stages, often days before symptoms While PCR tests are considered the "gold standard" for diagnosing more antigens detected, the more likely the test will be positive. $^4$ rather than days, which can help determine whether someone is

Natural immunity to the SARS-CoV-2 virus is better than immunity from the COVID-19 vaccines.

serious illness than a previous infection. It's much safer to get vaccinatimmunity in individuals previously infected with COVID-19 had greater COVID-19 infection varies greatly, whereas vaccine-related immunity has been studied in-depth and is relatively consistent. The COVID-19 vaccines provide safer, better, and longer-lasting protection against emerged, that was no longer the case. Natural immunity from a past protection against the Delta variant, but when the Omicron variant There was some truth to this myth at the beginning when natural ed than it is to risk a potentially severe bout with COVID-19.2

Since herd immunity will end the pandemic, vaccines aren't necessary.

Also referred to as "community immunity," herd immunity is a public person-to-person spread is significantly reduced due to the broader community's resistance against a particular pathogen. High herd health term used to describe a case in which the potential for

immunity levels have enabled the United States to largely control polio and unknown what level of immunity against a specific variant or how degraded achieving herd immunity with respiratory viruses such as influenza, which measles, caused by viruses that have not evolved significantly. However, continually mutate, has been less successful. While previously infected individuals' immune systems will recognize the COVID-19 variants, it is the immune response will be. However, current vaccines recognize the COVID-19 variants and induce excellent immunity against them.5,6

COVID-19 vaccines can affect fertility

and all the other vaccine ingredients. The mRNA does not have a chance to

change a person's DNA.2

cytoplasm of the cells, and once the viral protein is made and on the cell's

surface, mRNA is broken down, and the body permanently rids itself of it,

problems. Several studies evaluating the safety and efficacy of vaccines on affect sperm and are safe for pregnant people or those who wish to become fertility and pregnancy have all shown that the COVID-19 vaccines do not There is currently no evidence that COVID-19 vaccines cause fertility pregnant in the future.<sup>2</sup>

According to CDC, there is nothing dangerous about the COVID-19 vaccine proteins, medicines, latex, metals, microchips, or live viruses—Here's what

The COVID-19 vaccine ingredients are dangerous.

ingredients. They don't contain preservatives, tissues, antibiotics, food

they do contain:

COVID-19 vaccines don't protect against the variants.

acid), lipids, and sugar. The Moderna vaccine also contains acetic

Moderna and Pfizer-BioNTech: mRNA (messenger ribonucleic

(disodium hydrogen phosphate dihydrate and sodium dihydrogen

chemical found in many foods such as eggs and soybeans); and phosphate monohydrate); cholesterol; phosphatidylcholine (a

substance derived from the soapbark tree); salts; food additives

moth cells; an adjuvant that contains saponins (a soap-like

Novavax: a SARS-CoV-2 recombinant spike protein made from

acid and acid stabilizers.

variants, and boosters are now being designed to target the latest variants variant evolution in early 2022. Importantly, vaccines help stop the spread of the SARS-CoV-2 virus, which decreases the ability of the virus to mutate with healthy immune systems eligible to receive them during the Omicron Researchers found boosters offered substantial protection among adults No evidence shows that the COVID-19 vaccines don't protect against and thus helps prevent other variants from emerging.

COVID-19 is not really dangerous anymore because treatments are widely available.

While it is true that there are treatments available for COVID-19, the best way to avoid severe illness, hospitalization, and death is by getting vaccinated against the SARS-CoV-2 virus.9,10

## Myth:

version of the virus but instead trigger an immune response by teaching cells in the body to make a harmless piece of a spike protein found on the surface

of the virus that causes COVID-19. Cells then display this spike protein on

their surface, and the immune system responds by producing antibodies

vaccines differ from other vaccines in that they do not contain a weakened

mRNA technology to create vaccines has been underway for years. mRNA

mRNA vaccines are real vaccines. Research and development into using

mRNA vaccines are not really vaccines.

There are other treatments that can prevent or cure a COVID-19 infection

There is one treatment, Evusheld, that can help protect some people from many myths are being spread about using other things to prevent or treat emphasizes that it is not a substitute for a COVID-19 vaccine. However, COVID-19 before they are exposed to the SARS-CoV-2 virus, but CDC COVID-19, including:11

viruses, so antibiotics should not be used to prevent or treat the · Antibiotics: Antibiotics can only treat bacterial infections, not SARS-CoV-2 virus.

never enter the nucleus of the cell (the place where a person's DNA is stored)

nstead, after injection, the mRNA from the vaccine is released into the

COVID-19 mRNA vaccines do not alter a person's DNA. The mRNA vaccines

COVID-19 mRNA vaccines can alter DNA.



## SYMPTOMS OF THE FLU INCLUDE:

- Fever
- Aches
- Chills
- Coughing
- Sore throat
- Runny nose
- Muscle or body aches
- Headaches
- Fatique
- Vomiting and diarrhea

## PLANNING AHEAD IS YOUR BEST STRATEGY.

It's never too late to protect yourself with this season's flu vaccine. There is even an intranasal flu vaccine option for those afraid of needles.<sup>1</sup>

All ages are vulnerable to the influenza virus and the Advisory Committee on Immunization Practices recommends annual vaccination for patients 6 months and above.<sup>2</sup>

Ask your physician or pharmacist about getting your flu vaccine today!

SAFE | CONVENIENT | RELIABLE
MyFluVaccine.com | (800) 843-7477

w.cdc.gov/flu/prevent/different-flu-vaccines.htm



CLINIC LOCATION(S): DATE(S): TIME(S):



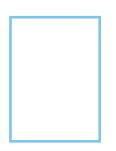
CLINIC LOCATION(S): DATE(S): TIME(S):







**Reference Charts** 



# COMPLIMENTARY

Order FREE resource materials



**Order FREE** vaccine resources







**Award-Winning Publications** 



**Myths & Facts Brochures** 



## **ANNUAL FLU VACCINATIONS**

The best way to make sure you and your family don't miss out on the moments that matter most.<sup>1</sup>

## **CSL Seqirus**

Seqirus USA Inc., 25 Deforest Avenue, Summit, NJ 07901, USA ©2025 Seqirus USA Inc. April 2025 USA-SEQ-25-0042

## THE IMPACT OF INFLUENZA

Influenza, commonly known as the flu, is a highly contagious and potentially life-threatening respiratory illness.<sup>1</sup>

A serious threat for high-risk populations<sup>2,3</sup>



Individuals of all ages living with chronic medical conditions

The burden of flu in the community\*4







40 million

illnesses/year

470,000

hospitalizations/year deaths/year

28,000

The burden

The average flu illness can last up to

7 DAYS<sup>5</sup>

The flu causes

## MORE MISSED SCHOOL DAYS

than any other respiratory virus<sup>6</sup>

When someone in your family gets the flu, 50% of people in your home will be infected<sup>7</sup>

## THE VALUE OF VACCINATION

The Centers for Disease Control and Prevention (CDC) recommends an annual flu shot.<sup>1</sup>

## Who?

All patients
6 months & older
Even for
those currently
experiencing minor
illnesses, with rare
exceptions.<sup>1,8</sup>

## When?

Throughout the flu season Influenza activity begins in the fall, but can continue through May.<sup>1</sup>

## Why?

To protect you and your loved ones
Reduce the risk of getting the flu and serious complications.<sup>1</sup>

The flu vaccine helps prevent illnesses, hospitalizations, and deaths\*9

9.8 million fewer



120,000 fewer



7,900 fewer



illnesses/year h

hospitalizations/year

deaths/year

\*Based on the 2023-24 season.

## The flu vaccine can help protect your entire family

82% fewer

ICU admissions<sup>10</sup>

UP TO **50%** 

**fewer**ER visits (children)

UP TO **65%** 

fewer

deaths (children)11



## COMMON QUESTIONS ABOUT THE INFLUENZA VACCINE

Is the flu shot safe?

**YES** 

Hundreds of millions of Americans have safely received flu vaccines for more than 80 years, and there has been extensive research supporting the safety of flu vaccines.<sup>12,13</sup>

## Will I get the flu from the flu shot?

NO

The flu vaccine cannot give you the flu. You may experience different side effects when getting your flu shot, but these are usually mild and short-lasting, especially when compared to actual flu symptoms.<sup>1</sup>

## Can I get my flu shot with other vaccines?

**YES** 

The flu vaccine can be given alone or with other vaccines, including COVID-19, RSV, and shingles vaccines. Ask your doctor for more information.<sup>2</sup>

## Why should I get the flu shot if I can still get the flu?

While some people may still get sick with the flu, vaccination can mean getting less sick for a shorter amount of time.<sup>1</sup>

Yearly vaccines are still the best way to protect you and your family from the flu.<sup>1</sup>

Don't miss out on the moments that matter most. Schedule your family's flu shots today.

References: 1. CDC. Key facts about seasonal flu vaccine. Accessed March 11, 2025. https://www.cdc.gov/flu/vaccines/keyfacts.html 2. Grohskopf LA, et al. MMWR Recomm Rep. 2024;73(5):1-25. 3. CDC. Flu and children. Accessed March 25, 2025. https://www.cdc.gov/flu/highrisk/children.html 4. CDC. Preliminary estimated flu disease burden 2023-2024 flu season. Accessed March 25, 2025. https://www.cdc.gov/flu-burden/php/data-vis/2023-2024.html 5. CDC. Clinical signs and symptoms of influenza. Accessed April 1, 2025. https://www.cdc.gov/flu/hcp/clinical-signs/index.html 6. McLean HQ, et al. Influenza Other Respir Viruses. 2017;11(3):220-229. 7. Rolfes MA, et al. JAMA. 2023;329(6):482-489.8. CDC. Who should not get vaccinated with these vaccines? Accessed April 15, 2025. https://www.cdc.gov/vaccines/vpd/should-not-vacc.html 9. CDC. Flu burden prevented from vaccination 2023-2024 flu season. Accessed March 11, 2025. https://www.cdc.gov/flu-burden/php/data-vis-vac/2023-2024-prevented.html 10. CDC. Blensfits of the flu vaccine. Accessed March 11, 2025. https://www.cdc.gov/flu-vaccines-work/benefits/index.html 11. CDC. Flu vaccine effectiveness for children and older adults. Accessed March 25, 2025. https://www.cdc.gov/flu-vaccines-work/risk-groups/index.html 12. CDC. Influenza (flu) vaccine safety. Accessed March 11, 2025. https://www.cdc.gov/vaccines-work/risk-groups/index.html 12. CDC. Influenza (flu) vaccine safety. Accessed March 11, 2025. https://www.cdc.gov/s22(3)(1):e2243.





**GET YOUR FLU SHOTS TODAY**KEEP THEM ON TRACK TOWARD SUCCESS

**CSL Seqirus** 



Dear <patient name>, name>,

The flu is a highly contagious disease that could cause you to miss out on some of life's most precious moments.

The good news? Getting a flu shot is easy and the single best way to help reduce the risk of illness and serious comploications for yourself and others, such as hospitalization and death.<sup>1</sup>



So don't wait to get your flu shot. Help protect yourself and your family today.

Call <insert phone here> or visit <insert URL here> to schedule your vaccination now.

Sincerely,

<physician.practice
name>

\*CDC estimates from 2023-2024 influenza season (for ages 6 months and older).

References: 1. CDC. Key facts about seasonal flu vaccine. Accessed March 11, 2025. https://www.cdc.gov/flu/vaccines/keyfacts.html 2. CDC. Flu burden prevented by vaccination 2023-2024 flu season. Accessed March 11, 2025. https://www.cdc.gov/flu-burden/php/data-vis-vac/2023-2024-prevented.html



## Suggested CSL SEQIRUS 2025-2026 Flu Campaign Kit Text message

CSL Seqirus offers the following suggested text message for practices to use when speaking with their patients about the importance of vaccinations. Information is based on the CDC website listed below.

## Gen Pop SMS

If you miss your flu shot, you could miss out on a lot of life's precious moments. That's why we're reminding you to get vaccinated. In the 2023-2024 flu season alone, the flu vaccine kept about 9.8 million people from getting sick. So don't wait—call <insert phone here> or visit <insert URL here> to schedule yours today.

\*CDC estimates from US 2023-2024 influenza season (for ages 6 months and older). **Reference: 1.** CDC. Flu burden prevented from vaccination 2023-2024 flu season. Accessed March 11, 2025. https://www.cdc.gov/flu-burden/php/data-vis-vac/2023-2024-prevented.html

## Suggested CSL SEQIRUS 2025-2026 Flu Campaign Kit Phone Script

CSL Seqirus offers the following suggested phone script for practices to use when speaking with their patients about the importance of vaccinations. Information is based on the CDC website listed below.

Hi, this is <practice name> calling to get your flu shot scheduled.

Did you know that the flu vaccine helped prevent about 9.8 million flu-related illnesses in just one season?\*1 While some people may still get sick with the flu, vaccination can mean getting less sick for a shorter amount of time. In fact, yearly flu vaccines are the still the best way to protect you and your family from missing out on moments that matter most.<sup>2</sup>

\*CDC estimates from US 2023-2024 influenza seasons (for ages 6 months and older).

Call <insert phone here> or visit <insert URL here> to schedule.

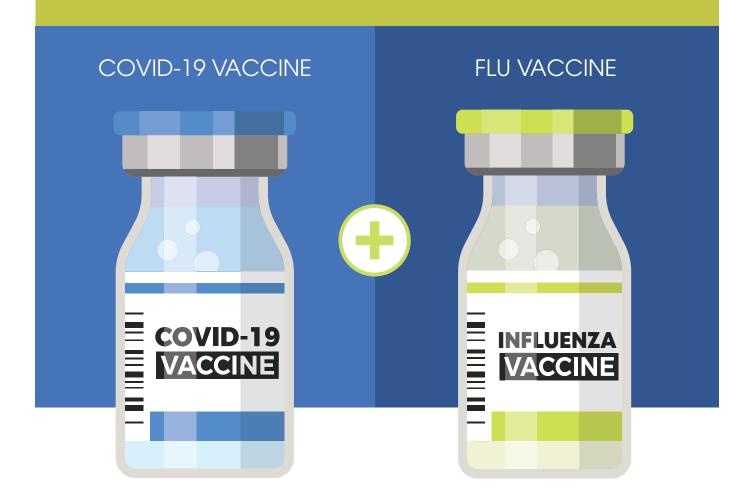
**References: 1.** CDC. Flu burden prevented from vaccination 2023-2024 flu season. Accessed March 11, 2025.

https://www.cdc.gov/flu-burden/php/data-vis-vac/2023-2024-prevented.html 2.

CDC. Key facts about seasonal flu vaccine. Accessed March 11, 2025.

https://www.cdc.gov/flu/vaccines/keyfacts.html

# Get Your Flu and COVID-19 Vaccines in One Visit



Eligible patients can receive other vaccines at the same time as a COVID-19 vaccine. This includes the annual flu vaccine. Get both vaccines to help protect against COVID-19 and influenza respiratory viral illness this season.



Ask your doctor about your vaccine status today

## YOUR ANNUAL FLU SHOT IS MORE IMPORTANT THAN EVER

HERE'S WHY:

Last flu season,

~52%

of Americans were **UNVACCINATED** against the flu, which could lead to flu or flu-related complications.<sup>a</sup>



<sup>a</sup>CDC estimates for the 2023–2024 flu season were recorded as of May 11, 2024. CDC=Centers for Disease Control and Prevention.

The flu can have serious consequences, even in healthy individuals:

bThese are CDC preliminary estimates from October 1, 2023 through June 1, 2024 and are subject to change. The flu can increase the risk of first stroke by

~8x

1-3 days after influenza infection in adults 40+

UP TO

-24,000 **-** 71,000

FLU DEATHS<sup>b</sup>

The flu can increase the risk of a first heart attack by

~10x

1-3 days after influenza infection in adults 40+

**UP TO** 

~390,000 **-**810,000

FLU HOSPITALIZATIONS<sup>b</sup>



You can help protect yourself for the upcoming flu season.

A flu shot can help prevent you from getting sick with flu and may help reduce the outcomes it can potentially lead to, including:



Flu-related heart complications and pneumonia



Making chronic conditions worse



More sick days and less productivity



Infecting your family and friends

In 2022-2023, flu vaccines prevented

~6 MILLION

SYMPTOMATIC ILLNESSES

SCHEDULE YOUR FLU SHOT TODAY

# ARE YOU READY FOR FLU SEASON?



Be prepared with these common FAQs around flu and respiratory vaccinations

## FAQS about the flu:



## Co-administration

## What is co-administration?

Co-administration of vaccines means getting more than one vaccine during a single visit.

## Can I get COVID-19, flu, and RSV vaccines at the same time?

**Yes.** Per the CDC, Flu, COVID-19, and RSV vaccines may be given at the same visit. Talk with your health care provider about this option. If you prefer to receive each vaccine at a separate visit, there is no minimum waiting period between vaccines.

## Why get multiple vaccines at the same time?

It might be more convenient to get up to date on your vaccines in one visit, instead of returning for separate visits.



## Flu Vaccination

## Can the flu shot give me the flu?

Flu shots do not cause the flu. The symptoms you may feel after a shot are not the flu. They are part of the normal process of your body's immune system developing an immune response to the virus to help protect you from the flu.

As this process can take up to 2 weeks, people may come down with the flu shortly after receiving a vaccine unrelated to the vaccine itself.

## Why should I get a flu shot every year?

The flu vaccine you received for last year's flu may not offer protection from this year's flu. Influenza is constantly changing, and the flu vaccines are updated each year to help protect against the specific viruses circulating that season. Even if you received a flu vaccine last year, you could benefit from a flu vaccine this year.



## Trivalent Influenza Vaccines (TIV):

## What is a trivalent influenza (flu) vaccine?

A trivalent influenza (flu) vaccine protects against three types of flu viruses, including two influenza A strains and one influenza B strain.

## What is the difference between quadrivalent and trivalent flu vaccines?

Quadrivalent vaccines include four strains: two influenza A strains and two influenza B strains. Trivalent vaccines include three strains: two influenza A strains and one influenza B strain.

## Why is the United States transitioning from quadrivalent to trivalent flu vaccines?

The United States is switching from quadrivalent to trivalent flu vaccines because one of the influenza B strains (B/Yamagata) hasn't been seen since March 2020.

## Who can get trivalent flu vaccine?

Trivalent flu vaccines are for suitable people aged 6 months and older in the United States for the 2024–2025 season.

## What side effects can occur after getting a flu vaccine?

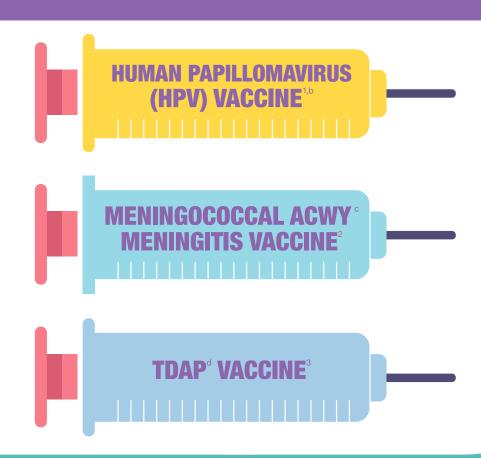
Some side effects that may occur are: Soreness, redness, and/or swelling where the shot was given, headache (low grade), fever, muscle aches, nausea, fatigue.



## ASK YOUR PHARMACIST ABOUT GETTING VACCINATED TODAY



BEFORE THE NEW SCHOOL YEAR BEGINS, CHECK IF YOU'RE UP-TO-DATE ON THESE CDC<sup>a</sup>-RECOMMENDED VACCINATIONS:







°CDC = Centers for Disease Control and Prevention. | Depending on age and health status. Talk to your child's healthcare provider for details.

°ACWY = Serogroups A, C, W, and Y. | Tdap = Tetanus, diphtheria, and acellular pertussis.

# YOU'LL GET THE MOST PROTECTION BY VACCINATING AT LEAST 1 MONTH IN ADVANCE<sup>1</sup>



# **TravelWise**

MAT-US-2309063-v1.0-11/2023

IMMUNIZE HERE.¬ BE SAFE THERE. ◆



To know more, visit https://wwwnc.cdc.gov/travel

## IMMUNIZE HERE. BE SAFE THERE. ←



## KNOW WHERE THE RISKS ARE

## RABIES1-4

A deadly viral infection that causes fever, inflammation of the brain, anxiety, muscle weakness, paralysis, confusion, convulsions, and coma. Once symptoms develop, death is almost always inevitable!



se Control and Prevention (CDC). Travelers' Heal

## MENINGOCOCCAL MENINGITIS<sup>5</sup>

A bacterial infection that causes headache, fever, stiffness of the neck, nausea, vomiting, and rash; may lead to multi-organ failure or death<sup>5</sup>



## **INFLUENZA**<sup>6</sup>

A viral infection that causes fever, muscle aches, headache, nonproductive cough, and sore throat; complications include pneumonia or exacerbation of underlying medical conditions. The risk of severe illness and death increases for those aged



ion (CDC). Influenza CDC Yellow Book 2024

## **HEPATITIS A<sup>1,7-9</sup>**

A viral disease that can cause fever, loss of appetite, nausea, abdominal discomfort, and—rarely—liver failure<sup>7</sup>



## **HEPATITIS B1,10**

A viral infection that causes tiredness, loss of appetite, nausea, vomiting, abdominal pain, and yellowing of the skin and whites of the eyes; in some cases, joint pain may occur. Hepatitis B can also cause of chronic hepatitis, liver failure, and liver cancer. For some, these complications can cause premature death10



## TYPHOID FEVER<sup>1,11,12</sup>

A severe and possibly deadly bacterial infection that causes tiredness, fever, loss of appetite, headache, abdominal pain, and skin rash; may lead to intestinal bleeding that can be life-threatening<sup>11</sup>



## TETANUS, DIPHTHERIA, AND PERTUSSIS1,13-15

Bacterial infections that cause various symptoms: Tetanus: muscle spasms and death.<sup>13</sup> Diphtheria: fever, difficulty swallowing, loss of appetite, and death<sup>14</sup> Pertussis: coughing and cough-induced vomiting. Disease is more severe in infants. Some may stop breathing, and overall, 1% die<sup>15</sup>



on (CDC), CDC Yellow Book 2024,13-1

## POLIO1,16,17

A viral infection that can cause paralysis, respiratory failure, and—



## YELLOW FEVER<sup>1,18</sup>

A serious and possibly deadly viral disease (transmitted by mosquitoes) that causes fever, chills, headache, back and muscle aches, nausea, vomiting, and bleeding<sup>16</sup>



## MALARIA<sup>19,20</sup>

A parasitic infection transmitted by mosquitoes that causes fever, chills and headache; may cause seizures, kidney failure, acute respiratory distress syndrome, coma, or death19



ed from: Centers for Disease Control and Prevention (CDC), Malaria, CDC Yellow Book 2024.13

## JAPANESE ENCEPHALITIS<sup>1,21</sup>

A severe and possibly deadly bacterial infection that causes tiredness, fever, loss of appetite, headache, abdominal pain, and skin rash; may lead to intestinal bleeding that can be life-threatening21



Map adapted from: Centers for Disease Control and Prevention (CDC), Japanese Encephalitis, CDC Yellow Book 2024,21

Work with your travel health specialist to decide which preventive measures are necessary before traveling. For more information, be sure to visit:

http://www.cdc.gov/travel















## What is Shingles?1

Shingles is caused by varicella-zoster virus (VZV), the same virus that causes chickenpox.

- Once you've recovered from chickenpox, the virus remains inactive in the body, but it can reactivate years later, causing shingles.<sup>1</sup>
- About 1 in 3 people in the U.S. will have shingles in their lifetime.<sup>1</sup>
- As you age, the risk and complications rise, with 10-18% facing lasting nerve pain.<sup>1</sup>

## **Understanding the risk of spreading varicella-zoster virus**

- People with shingles can transmit the varicella-zoster virus to those who have never had chickenpox or never received the chickenpox vaccine.<sup>1</sup>
- VZV can be spread by direct contact with fluid from shingles rash blisters or breathing in virus particles.<sup>1</sup>
- People with chickenpox are more likely to spread VZV than those with shingles.<sup>1</sup>

## Recognizing early signs and common symptoms<sup>1</sup>

- Early signs of shingles include pain, itching or tingling before the rash appears, often accompanied by fever.
- The rash typically appears as a stripe on one side of the body or face, with rare cases resembling a widespread chickenpox rash, usually in those with weakened immune systems.
- Additional symptoms may include headache, chills, and upset stomach.

# Breaking the chain: strategies to prevent Shingles spread<sup>1</sup>

- Cover the rash.
- Don't scratch or touch the rash.
- Wash hands often for at least 20 seconds.
- Avoid contact with people until the rash scabs over, including:
  - Pregnant women who never had chickenpox or the chickenpox vaccine.
  - Premature or low birth weight infants.
  - People who are immunocompromised (have a weakened immune system).

## People at high-risk for having Shingles<sup>1</sup>

This includes people who:

- Have a medical condition that weakens their immune system, such as leukemia, lymphoma, and HIV.
- Take medications suppressing the immune system, such as steroids and drugs given for organ transplant.<sup>1</sup>

## Navigating complications of Shingles

- The most common complication of shingles is long-term nerve pain, known as postherpetic neuralgia (PHN), which persists after the rash resolves.
- PHN occurs where the shingles rash was and can last for months or years.<sup>1</sup>
- PHN is extremely painful and can interfere with daily life.<sup>1</sup>
- About 10–18% of shingles patients experience PHN, and the risk increases with age.<sup>1</sup>

## Other complications of Shingles

- Shingles has many serious outcomes including serious eye complications, bacterial infection of the rash, pneumonia, hearing problems, brain inflammation, and rarely death.
- Those with weakened immune systems face higher risks of complications, including a more severe and prolonged rash.

## Finding Relief & Recovery:1

- Shingles vaccination is the only way to protect against shingles and PHN.
- Treat with antiviral as soon as possible after the rash appears.

## Shingles Vaccination: a must-know for eligible individuals

- CDC recommends adults 50 years and older get two doses of the shingles vaccine, Shingrix, 2 to 6 months apart, to prevent shingles and disease complications.<sup>1</sup>
- Also advised for adults 19 and older with weakened immune systems.
- Over 90% effective in healthy adults 50 and older.



Talk to your healthcare professional







## Visit the IPC

# Vaccine Resource Center



IPCRX.COM 800.755.1531 FAX: 800.274.5525