



UpToDate & Lexicomp

Customer Success Specialist

Ginger 靜文

March 2021



Wolters Kluwer

Solutions to Reduce Unwanted Variability in Care

UpToDate®

*Evidence-based clinical
decision support for disease
and conditions*



Lexicomp®

*Pharmacological information and
medication decision support*

- ✓ Hospital-wide tool
- ✓ Design for clinicians

Together ...

these trusted brands provide the industry's most comprehensive medication and disease solution to support hospital clinicians' decision making and help enhance patient safety

What is UpToDate?

Evidence base clinical decision

Support tool to help clinicians :

- Answer clinical questions
- Improve clinical knowledge
- Enhance patient outcomes



UpToDate (Feb 2021)

- **25** Specialties
- **12,000+** Clinical topics
- **1,500+** Patient topics
- **7,300+** Physician Authors
- **6,900+** Drug entries
- **38,000+** Graphics
- **514,000** References
- **200+** Calculators

New features in UpToDate®

New Topics Content

1. New Covid 19 topics and 2 free covid-19 pathways
2. Renal Dosing
3. New gene interpretation monographs in UpToDate

New Technology

1. Voice Search
2. Emmi Patient Engagement Video
3. Graphics enhancements

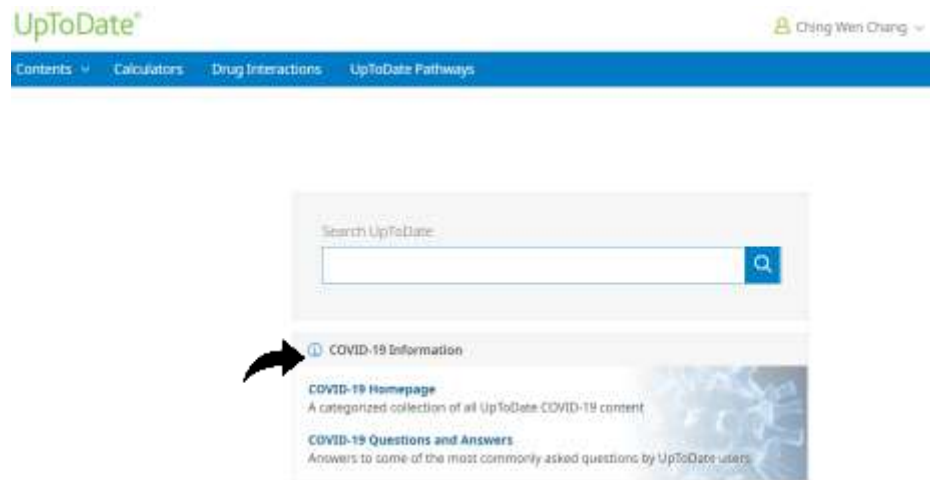
1.Evidence-based COVID-19 topics in UpToDate®

support clinicians as they treat patients

Clinicians globally can now access **COVID-19 topics in UpToDate.**

Medical topic available now covers:

- Guidance on evaluation, diagnosis and management of COVID-19 patients
- Clearly-defined guidance for specific patient populations, such as those who are pregnant, breastfeeding, or managing chronic conditions
- Comprehensive list of relevant society guidelines from various regions/countries
- Patient education topics, including main topic available in 7 languages.
- Q&A topics - UTD clinicians respond to questions submitted by clinicians



COVID-19-related topics are available for free globally

For clinicians who do not already have access to UpToDate, we are offering guest passes to provide complete UpToDate access.

2.Expanded renal dosing

A single, consistent, actionable source of trusted information on appropriate dosing of drugs for patients with compromised renal function

- Relevant drug monographs now include expanded renal dosing information to help ensure patients with **renal impairment** receive appropriate dosing.
- More robust dosing information (such as dialysis recommendation) is especially important as new treatments have emerged
- Available in drug monographs in Lexicomp and UpToDate

UpToDate® ciprofloxacin adult

< Back Ciprofloxacin (systemic): Drug Information ciprofloxacin adult Find Print

Topic Outline

ALERT: US Boxed Warning

Hospital Custom Formulary

- Wolters Kluwer Formulary
- Wolters Kluwer East Hospital Formulary
- Wolters Kluwer West Hospital Formulary

Brand Names: US

Brand Names: Canada

Pharmacologic Category

Dosing: Adult

Dosing: Renal Impairment: Adult

Dosing: Hepatic Impairment: Adult

Dosing: Pediatric

Altered kidney function:

Ciprofloxacin Dosage Adjustments in Altered Kidney Function^a

| CrCl (mL/minute) | Oral, immediate release | Oral, extended release | IV |
|--------------------------------------------|--------------------------------------------------------|------------------------|-------------------------------------------------|
| CrCl >50 to <130 | 500 to 750 mg every 12 hours | 1 g every 24 hours | 400 mg every 8 to 12 hours |
| CrCl 30 to 50 | 250 to 500 mg every 12 hours ^b | 1 g every 24 hours | 400 mg every 8 to 12 hours |
| CrCl <30 | 500 mg every 24 hours ^b | 500 mg every 24 hours | 200 ^c to 400 mg every 12 to 24 hours |
| Hemodialysis, intermittent (thrice weekly) | 250 ^d to 500 mg every 24 hours ^b | 500 mg every 24 hours | 200 ^c to 400 mg every 24 hours |
| Peritoneal dialysis | 250 ^d to 500 mg every 24 hours ^b | 500 mg every 24 hours | 200 ^c to 400 mg every 24 hours |

^aExpert opinion derived from manufacturer's labelling, Heintz 2009, Mrhar 1980.

^bFor severe infections, 750 mg may be administered at the intervals noted above.

^cConsider administering a loading dose of 400 mg × 1 if utilizing 200 mg every 24 hours.

^dConsider administering a loading dose of 500 mg × 1 if utilizing 250 mg every 24 hours.

^eMinimally dialyzable (<10%); when scheduled dose falls on a dialysis day, administer post dialysis.

3. Gene interpretation

New gene interpretation monographs that supports clinicians in emerging clinical topics

- Helps clinicians and genetic counselors by providing concise, actionable guidance for interpreting genetic test and determining next steps for commonly tested genes
- Provides insights on gene tests for case managers, policy setters, researchers

The screenshot displays the UpToDate website interface. At the top, there is a search bar with the text 'gene test interpretation' and a magnifying glass icon. Below the search bar, a navigation menu includes 'Contents', 'Calculators', 'Drug Interactions', and 'UpToDate Pathways'. The main content area is titled 'Gene test interpretation: BRCA1 and BRCA2'. It lists authors (Beth N. Pinsky, MS, CGC; Claudine Isaacs, MD), section editors (Harold J. Burstein, MD, PhD; Anna Slavotinek, MBBS, PhD), and deputy editors (Jennifer S. Timmeier, MD; Sathya R. Vora, MD). A 'Contributor Disclosures' link is also present. The text states that all topics are updated as new evidence becomes available and that the peer review process is complete. The literature review is current through December 2019, with the topic last updated on January 07, 2020. The 'Introduction' section summarizes the monograph's purpose, noting it does not discuss indications for testing or clinical care. The 'Overview' section describes the approach to reviewing a genetic test report, summarized in a checklist (table 1). It outlines two steps: determining the genotype and interpreting the pathogenicity of the variant(s). The 'Genotype' step identifies variants in the gene(s) tested, which should be repeated in a CLIA-certified laboratory if the consumer testing or a research study would impact clinical care. The 'Interpretation' step determines the pathogenicity of the variants identified, which may require updating. A link to 'Classification of variants' is provided. The text concludes by stating that the table provides a glossary of genetic testing terms (table 2).

Topic Outline

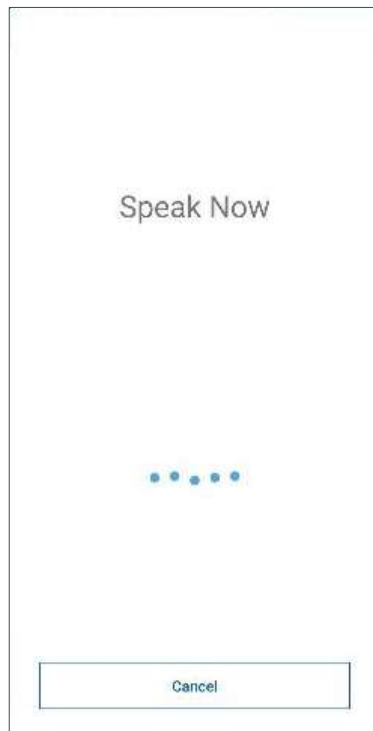
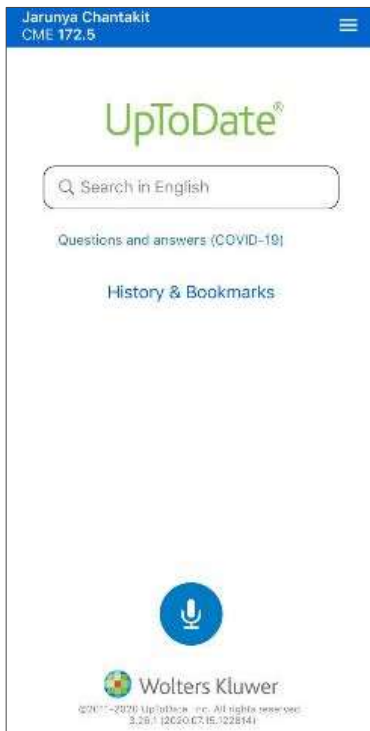
- INTRODUCTION
- OVERVIEW
 - How to read the report
 - Classification of variants
 - Disease associations
- PEOPLE WITHOUT CANCER
 - Implications of a pathogenic or likely pathogenic variant
 - Implications of a negative test
 - Implications of a VUS
- PEOPLE WITH CANCER
- CONSIDERATIONS FOR THE FAMILY
 - Preconception counseling
 - At-risk relatives
- RESOURCES
 - UpToDate topics
 - Locating a genetics expert
- REFERENCES
- GRAPHICS
 - view all
- Algorithms

Leveraging new technology to help clinicians find answers more quickly

*Clinicians can search UpToDate®
with voice commands,
providing new access point for answers*

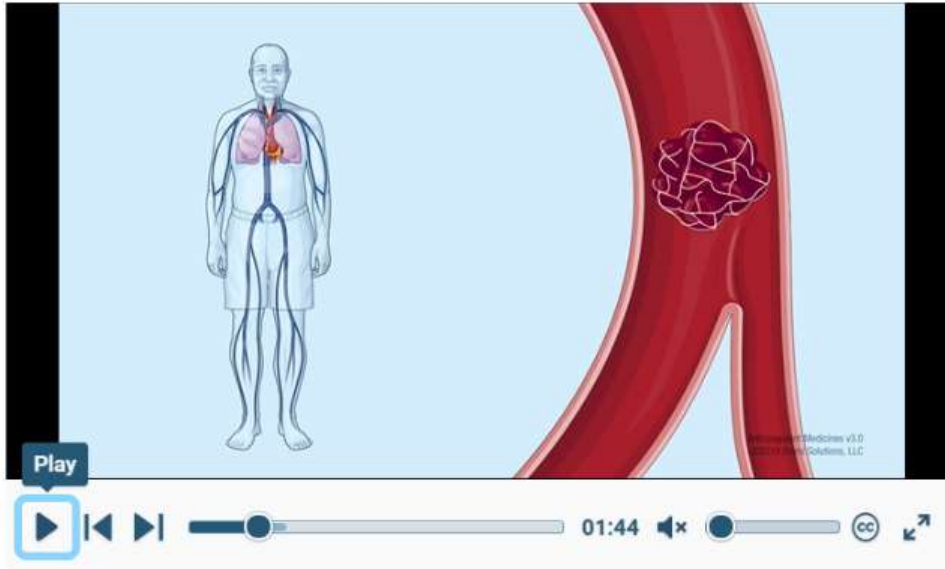
IOS & Android :

Microphone shows at [Home screen](#)



New launch Emmi video in UpToDate®.

Emmi patient video: Anticoagulants for PE



Emmi patient engagement videos available within UpToDate

- Helps extend care conversations beyond the healthcare setting by providing patients with effective, science-based engagement videos, accessible from UpToDate patient education topics
- Easily shareable with patients via email from topic navigation bar; enables patients to view at their convenience

Emmi patient video:
Anticoagulants for PE

Registration and Reverification



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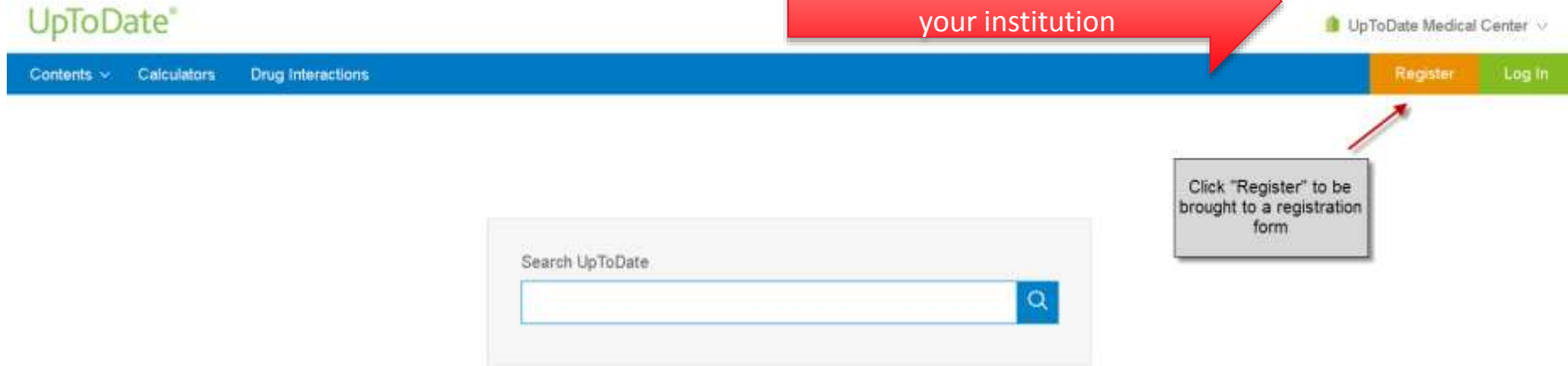


UpToDate - anytime, anywhere access



- Direct access to UpToDate from any internet browser
- The UpToDate Mobile App for iOS and Android™
- Track and redeem CME/CE/CPD credits whenever and wherever clinicians research a clinical question - including through the UpToDate mobile app

Easy registration process



The screenshot displays the UpToDate website interface. At the top left is the UpToDate logo. Below it is a blue navigation bar containing links for 'Contents', 'Calculators', and 'Drug Interactions'. On the right side of this bar are 'Register' and 'Log In' buttons. A red arrow points from the text 'Noticed official account name of your institution' to the 'UpToDate Medical Center' dropdown menu. Another red arrow points from a text box to the 'Register' button. Below the navigation bar is a search bar with the placeholder text 'Search UpToDate' and a magnifying glass icon.

UpToDate®

Contents ▾ Calculators Drug Interactions

UpToDate Medical Center ▾

Register Log In

Search UpToDate

Click "Register" to be brought to a registration form

Complete registration form

The screenshot shows the UpToDate registration page. At the top, there is a navigation bar with 'Contents', 'Calculators', and 'Drug Interactions'. Below this, the heading 'Register for an UpToDate account' is followed by a paragraph explaining the benefits of a subscription. A red arrow points from a grey text box on the right, which says 'Complete registration form to create new account', to the 'City' input field in the registration form. The form includes fields for First Name, Last Name, Email, Country (a dropdown menu), ZIP/Postal Code (optional), City, Specialty (a dropdown menu), and Race (a dropdown menu). Below these is a section for 'Create your username and password' with fields for Username and Password, and a 'Verify Password' field. A 'Submit Registration' button is at the bottom.

Subscription and License Agreement

By clicking the accept button below, you agree to the terms and conditions of the Subscription and License Agreement.

Accept License

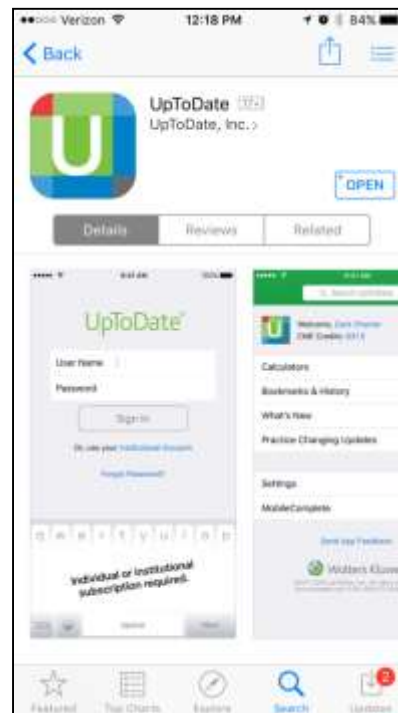
Decline License

View License

Click Accept
License

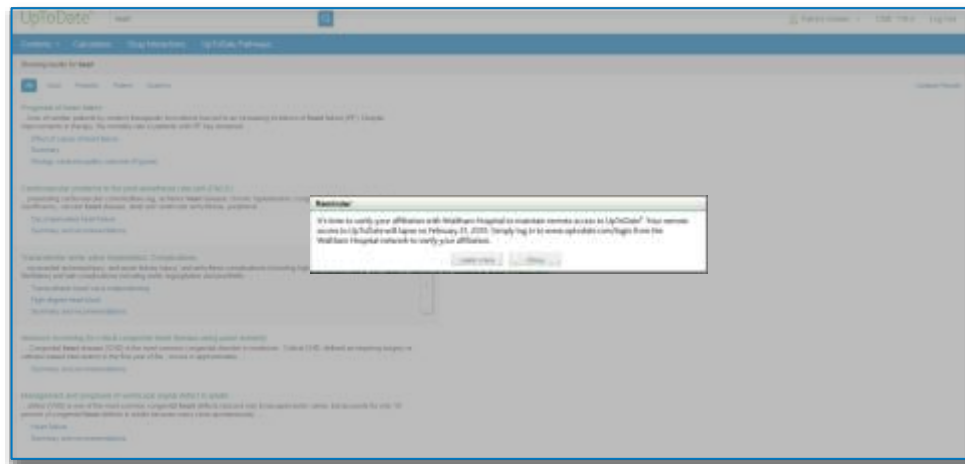
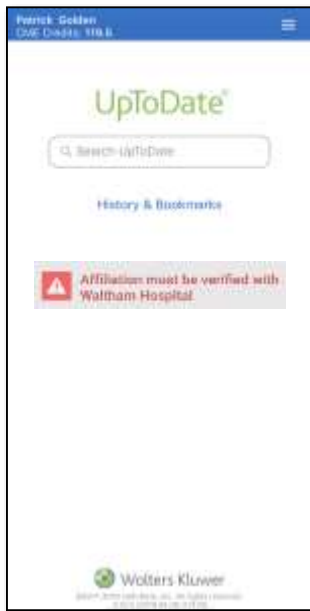
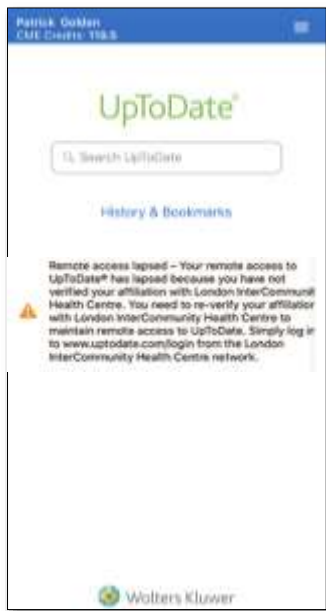
Download the Mobile App

- Go to your App Store
- Search: UpToDate
- Click on the UpToDate icon
- Download App
- Enter your UN/PW the first time you access the App



90 Day Re-Verification

In-application & email messaging reminds clinicians to verify their affiliation with the organization to maintain remote access rights.





Complete verification by login into UpToDate from computer that connected to Hospital / University Network then click onto "Log in/Register" (on top right hand corner)

1. Log in (green tab)
to complete verification

Log in

UpToDate Username

UpToDate Password

☐ Remember me [Forgot Username or Password?](#)

[OpenAthens Log in](#) [Institutional Log in](#)

[Log in](#)

[Subscribe](#)

UpToDate offers a number of subscriptions and access products, allowing you to have the most up-to-date information and improve patient care.



Conduct any search and
click onto topic title >review

Search UpToDate

afri



Show Widgets

3. click on to one topic review

UpToDate® afri

Overview of atrial fibrillation

Author: David Green, MD
Editor: Robert J. Myer, MD
Review Editor: Robert J. Myer, MD


Introduction

Atrial fibrillation (AF) is the most common cardiac arrhythmia that has the following electrocardiographic characteristics: (1) The electrocardiogram in AF is characterized by:

- The P-P intervals follow no regular pattern. They have been described as "irregularly irregular."
- Little electrical activity suggestive of P waves is seen in some leads. There are no distinct P waves. Thus, even when an atrial cycle length (the interval between two atrial activations in the P-P interval) can be defined, it is not regular and often less than 200 milliseconds (corresponding to an atrial rate greater than 300 beats per minute).

All can have adverse consequences: (1) a reduction in cardiac output and in atrial and stroke apparatus function; (2) in addition, affected patients may be at increased risk for mortality. (See Long-term outcome below.)

Your own record

 COVID-19 Information

COVID-19 Homepage
A categorized collection of all UpToDate COVID-19 content

COVID-19 Questions and Answers
Answers to some of the most commonly asked questions by UpToDate users

| History | Most Viewed | Bookmarks |
|------------------------------------------------------------------------------|-------------|-----------|
| FEBRUARY 18, 2021 | | |
| Patient education: Coronavirus disease 2019 (COVID-19) vaccines (The Basics) | | |
| Coronavirus disease 2019 (COVID-19): Questions and answers | | |
| FEBRUARY 17, 2021 | | |
| Coronavirus disease 2019 (COVID-19): Epidemiology, virology, and prevention | | |
| FEBRUARY 15, 2021 | | |
| What is a coronavirus? | | |

UpToDate Pathways

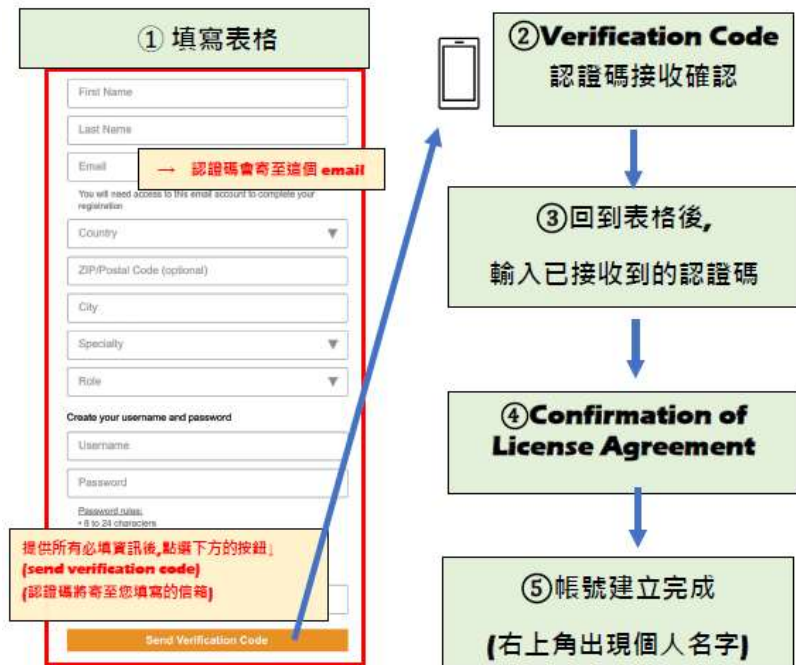
Coronavirus disease 2019
Author: Kenneth H. Johnson, MD
Section Editor: Margot S. Strachan, MD
Deputy Editor: Anthony B. Simon, MD
Contributor: David A. Asch, MD
All topics are updated as new evidence becomes available and as part of the UpToDate process.
Literature review current through: Jan 2021. | This topic was last reviewed on: Jan 2021. | Citation: Coronavirus disease 2019 (COVID-19): Epidemiology, virology, and prevention. UpToDate. Waltham, MA: UpToDate Inc. 2021. URL: [https://www.uptodate.com/contents/coronavirus-disease-2019-epidemiology-virology-and-prevention](#)

What's New
CDC recommendations on mask wearing during COVID-19 pandemic (February 2021)
In the United States, cloth masks or disposable masks (eg, commercially available surgical masks) are recommended when in public settings or with individuals outside the household to reduce transmission of SARS-CoV-2. The CDC has clarified that masks should be made with several layers and fit snugly over the face [1, 2]. Strategies to improve mask fit include using a mask with an adjustable nose bridge, wearing a cloth mask over a disposable mask to secure it against the face, using masks with ties rather than ear loops, and using a mask brace. Some individuals may opt to wear commercially available KN95 respirators, but many do not meet the advertised filtration standards. N95 respirators should be reserved for health care workers. (See "Coronavirus disease 2019 (COVID-19): Epidemiology, virology, and prevention" section on Type of masks.)
Quarantine duration after close contact with an individual with COVID-19 (December 2020)
Individuals in the community who have **close contact** with a person with COVID-19 should monitor for symptoms and self-quarantine at home following the exposure. In the United States, the Centers for Disease Control and Prevention suggests a 14-day duration for quarantine but acknowledges that shorter durations may ameliorate burdens and improve adherence in exchange for a slightly

INTRODUCTION
Coronaviruses are important human and animal pathogens. In 2002, a novel coronavirus was identified as the cause of a cluster of pneumonia cases in Guangdong, China. It rapidly spread, resulting in a global pandemic. The virus, which stands for coronavirus disease 2019 (COVID-19), is now a major public health concern.

UpToDate 新註冊流程

註冊過程中,您需要回覆 **Verification code**-認證碼,
請務必備妥您的**電腦/手機**,可以**順利接收認證碼**。



注意:

如果您已註冊過帳戶,請定期**(3個月)**於機構內登入,
畫面右上角為機構名稱,點選下方**"Login"**輸入帳號密碼,即可登入。
你的院外使用期限,以最後一次登入算起...**3個月**。

Register for an UpToDate account

< 註冊表格填寫 >

Make the most of your UpToDate experience: Register for an account and benefit from mobile access to our trusted clinical content. Plus, earn and redeem CME/CE/CPD credits while you work.

Already registered? Please [log in](#) with your UpToDate username and password.

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| First Name | 名字 |
| Last Name | 姓氏 |
| Email | 需要接受確認一認證碼 |
| You will need access to this email account to complete your registration | |
| Country | Taiwan |
| ZIP/Postal Code (optional) | 郵遞區號,不需填寫 |
| City | 居住縣市 |
| Specialty | 專科 |
| Role | 職稱 |
| Create your username and password | |
| Username | 6 字元以上, (相同帳號不可重複使用) |
| Password | 8 字元以上, 需含一個大寫/數字, 或者特殊符號 |
| Password rules: • 8 to 24 characters • at least 1 uppercase letter • cannot match username • at least 1 number, or special character from the following set: _ - ! @ # \$ % ^ & * () + = | |
| Verify Password | 再次輸入密碼 |

Send Verification Code

A healthcare professional, likely a nurse or doctor, is shown in a clinical setting. She is wearing a light purple scrub top and has a blue stethoscope around her neck. She is looking towards the left of the frame. In the background, another person is visible, slightly out of focus, working at a desk. The scene is brightly lit, suggesting a window or large indoor lights. A blue semi-transparent rectangle is overlaid on the left side of the image, and a white rectangle is overlaid at the bottom center.

Thank You!



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