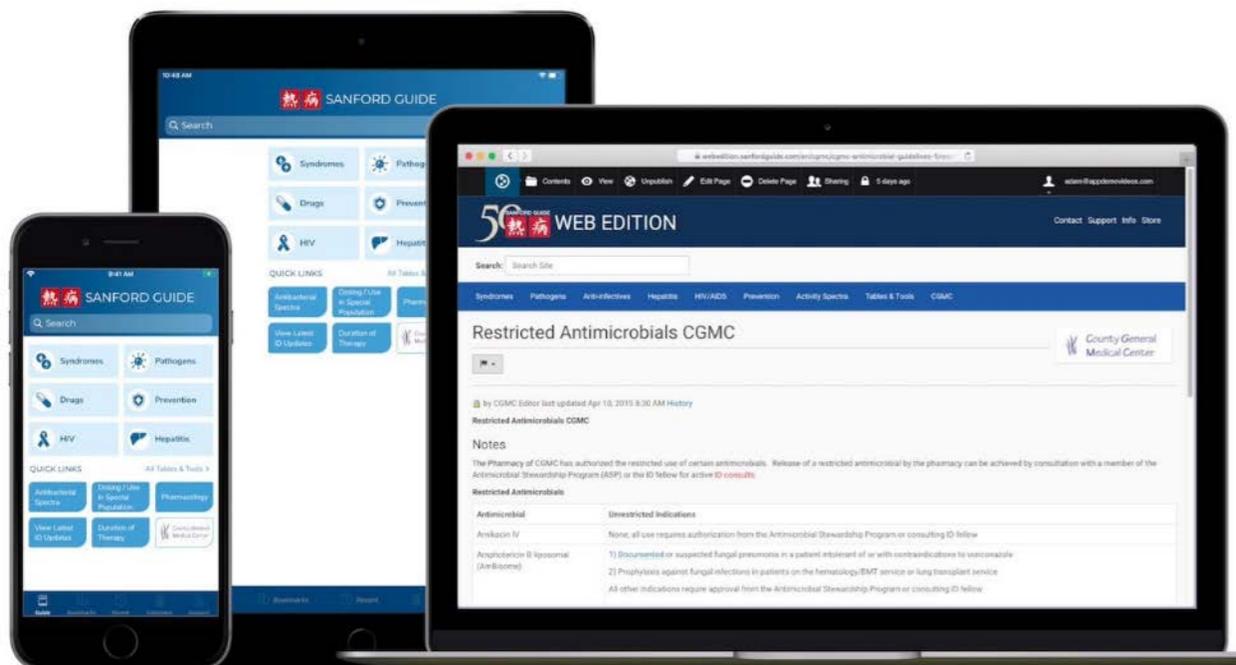


# SANFORD GUIDE



# SANFORD GUIDE COLLECTION APP 使用說明



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FlySheet  
Med-Informatics

飛資得醫學資訊

# 目錄

## CONTENTS

- ① 關於熱病
- ③ App版使用說明
- ④ App安裝說明

Part 01

關於熱病

ABOUT SANFORD GUIDE COLLECTION

# 關於熱病 Sanford Guide

被廣泛運用於院內的內科醫師、藥劑師以及臨床醫師等的熱病，現提供更方便查閱的Web版及App版可使用！

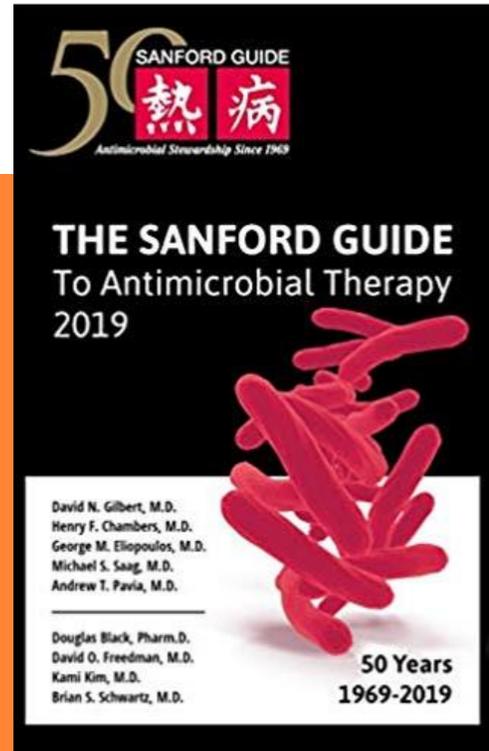
- 以紙本內容為基礎，提供更便利的瀏覽搜尋介面。
- 每月進行更新，以提供最新的醫藥資訊
- 即使在沒有網路的情況下，醫護人員還是可以使用APP進行資料檢索與瀏覽。

## 收錄內容

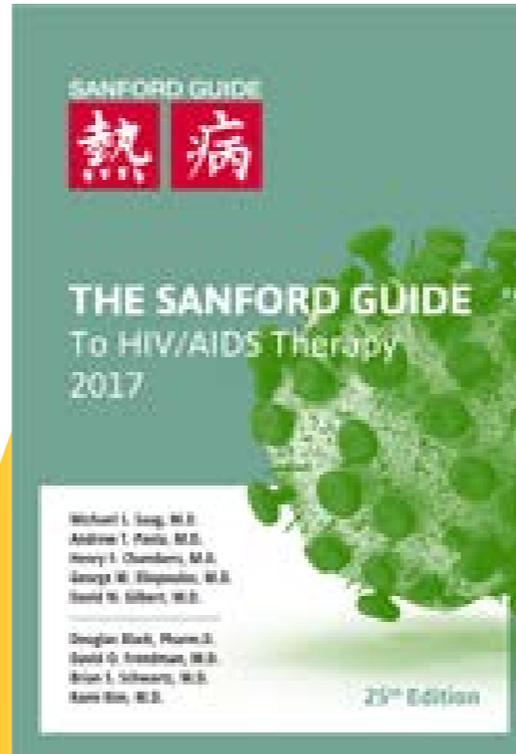
包括有各系統器官感染疾病的常見病原體、傳播途徑、診斷要點、首選和備選治療方案、藥物不良反應和應用注意事項，以及預防用藥等，並輔以有關文獻來體現實證醫學的權威性；涉及的病原體有細菌、真菌、寄生蟲和病毒等。



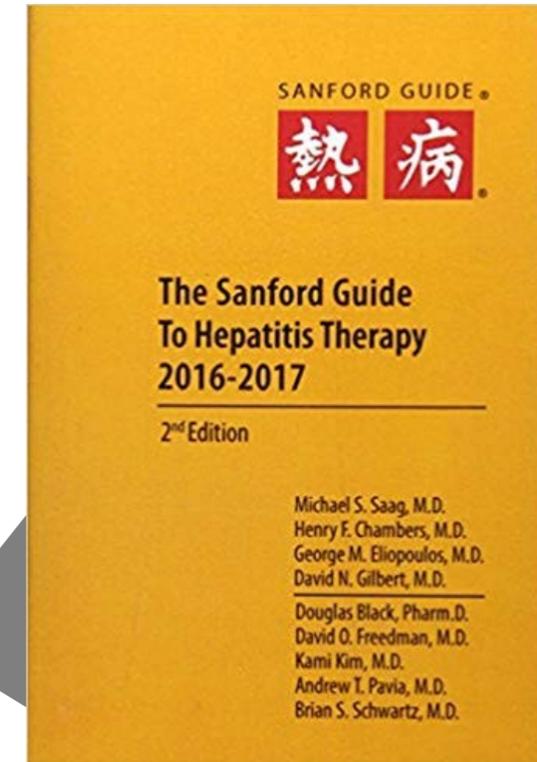
# 關於Sanford Guide Collection Web Edition



Antimicrobial Therapy



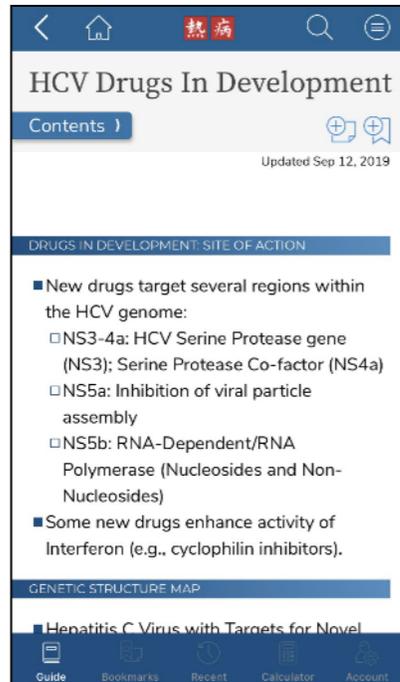
HIV/AIDS Therapy



Hepatitis Therapy

整合 Sanford Guide 的 Antimicrobial Therapy、HIV/AIDS Therapy 和 Hepatitis Therapy 的所有內容

# 與紙本截然不同的使用者體驗



	E. faecalis (S)	E. faecium (S)	E. faecalis (VRE)	E. faecium (VRE)	S. aureus MSSA	S. aureus HA-MRSA	S. aureus CA-MRSA
<b>Penicillins</b>							
Penicillin G	++	±	±	±	=	0	0
Penicillin VK	0	0	0	0	=	0	0
Nafcillin	0	0	0	0	++	0	0
Oxacillin	0	0	0	0	++	0	0
Cloxacillin	0	0	0	0	++	0	0
Flucloxacillin	0	0	0	0	++	0	0
Dicloxacillin	0	0	0	0	++	0	0
Ampicillin	++	±	±	±	=	0	0
Amoxicillin	++	±	±	±	=	0	0
Amox-Clav	+	±	±	±	+	0	0
Amp-Sulb	+	±	±	±	+	0	0
Pip-Tazo	+	±	±	±	+	0	0



## More Information

無縫整合收錄內容，並可對外連接至 PubMed等資源



## Organized by Topics

全新排版，依主題瀏覽；更提供互動計算功能



## Regularly Updated

每月定期線上更新，依據最新證據提供最新發展

# Activity Spectra主題內容呈現說明

Syndromes Pathogens Anti-infectives HIV/AIDS Hepatitis Prevention **Activity Spectra** Tables & Tools

## Antibacterial Agents: Spectra of Activity

by Editorial Board last updated Nov 14, 2020 4:11 AM © Antimicrobial Therapy, Inc.

藥物名稱

ADD ALL  
ADD BUG/DRUG  
PIVOT AXES  
LEGEND

新增/移除藥物或細菌

X軸/Y軸轉換

對照表說明

Penicillins								Carbapenems						M.	Fluoroquinolone										
Oxacillin	Cloxacillin	Flucloxacillin	Dicloxacillin	Ampicillin	Amoxicillin	Amox-Clav	Amp-Sulb	Pip-Tazo	Doripenem	Ertapenem	Imipenem	Imp-cila-rele	Meropenem	Mer-Vabor	Aztreonam	Ciprofloxacin	Delafloxacin	Ofloxacin	Levofloxacin	Moxifloxacin	Norfloxacin	Prulifloxacin	Gemifloxacin	Gatifloxacin	Cefazolin

細菌名稱

Aerobic, gram positive cocci

建議治療的快速對照表

E. faecalis (S)	++	0	0	0	0	0	0	++	++	+	+	+	±	±	+	+	±	±	0	±	+	±	+	+	±	+	+	0
E. faecium (S)	±	0	0	0	0	0	0	±	±	±	±	±	0	0	0	0	0	0	0	0	0	±	0	0	±	±	0	
E. faecalis (VRE)	±	0	0	0	0	0	0	±	±	±	±	±	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E. faecium (VRE)	±	0	0	0	0	0	0	±	±	±	±	±	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

# Part 02

## 上手使用:App版

START TO USE



# Sanford Guide Antimicrobial Therapy App 使用介面

(A) 檢索功能區

(B) 四大主題瀏覽區

(C) 快速連結區(常用功能)

(D) 首頁瀏覽

(E) 個人化書籤

(F) 最近瀏覽紀錄

(G) 計算機工具

(H) 個人帳戶設定

# Sanford Guide Antimicrobial Therapy App 四大主題瀏覽

- Syndromes / Diseases
  - Organized by site of infection
- Pathogens
  - Bacterial
  - Fungal
  - Mycobacterial
  - Parasitic
  - Viral
- Anti-infective Drugs
  - Antibacterial
  - Antifungal
  - Antimycobacterial
  - Antiparasitic
  - Antiviral
  - Antiretroviral
- Prevention
  - Immunization
  - Surgical procedures
  - Dental procedures
  - Post-exposure prophylaxis
  - Transplants
- Tables and Tools
  - Activity spectra (bacterial, fungal, viral)
  - Pediatric dosing ( $\geq 28$  days)
  - Pregnancy risk categories
  - Use of antimicrobials during lactation
  - Dosing calculators (creatinine clearance, colistin dosing, etc)
  - Dosing tools (obesity, continuous / prolonged infusion, desensitization)
  - Many more...

# 檢索功能：輸入關鍵字查詢(查詢標題與內文全文)

**熱病 SANFORD GUIDE**

Search

Syndromes Pathogens

Drugs Prevention

QUICK LINKS All Tables & Tools >

Antibacterial Spectrum Drug Usage & Dosing Pharmacology

View Latest ID Updates Duration of Therapy COVID-19

Guide Bookmarks Recent Calculator Account

熱病

Search Fever

- Typhoid Fever, Enteric Fever  
S. typhi Salmonella sp. Typhoid Fever Enteric Fev...
- Other Rickettsiae, Spotted Fevers  
African tick bite fever Flinders Island spotted fev...
- Yellow Fever Virus**  
Yellow Fever, yellow fever, virus
- Trench Fever  
B. quintana Bartonella sp. Trench Fever Systemic...
- Rocky Mountain Spotted Fever  
Rocky Mountain Spotted Fever Systemic Febrile...
- Rheumatic Fever, Prophylaxis  
Prophylaxis Rheumatic Fever, rheumatic, fever, p...
- Acute Rheumatic Fever, Empiric Th...  
Rheumatic Fever, acute, rheumatic, fever, empiri...
- Relapsing Fever

123 space search

熱病

## Yellow Fever Virus

Contents ) Updated Oct 20, 2019

CLINICAL SETTING

- Yellow Fever is reemerging in Africa and South America as a result of increased urbanization of susceptible population. See [Lancet Infect Dis 1:11, 2001](#).
- Vaccination/immunization is an effective preventative ([JAMA 276:1157, 1996](#)).
  - HIV/AIDS: Yellow Fever vaccine is safe and effective in HIV patients, especially in those with suppressed viral load and higher CD4 cell counts ([Clin Infect Dis 48:659, 2009](#)).
  - A purified whole-virus, inactivated, cell-culture-derived vaccine (XRX-001) produced using the 17D strain has proven safe and resulted in neutralizing antibodies after 2 doses in

Guide Bookmarks Recent Calculator Account

# 使用大綱方式瀏覽內容 (依內容性質不同提供)

Yellow **Fever** Virus

Contents

- Clinical Setting
- Etiologies
- Primary Regimens
- Alternative Regimens
- Comments

□ HIV/AIDS: Yellow **Fever** vaccine is safe and effective in HIV patients, especially in those with suppressed viral load and higher CD4 cell counts ([Clin Infect Dis 48:659, 2009](#)).

□ A purified whole-virus, inactivated, cell-culture–derived vaccine (XRX-001) produced using the 17D strain has proven safe and resulted in neutralizing antibodies after 2 doses in

Guide Bookmarks Recent Calculator Account

Netilmicin

Contents

- Usage and Dosing
  - Adult Dose
  - Pediatric Dose
  - Renal Adjustment Dose
  - Hepatic Adjustment Dose
- Adverse Effects
- Antimicrobial Spectrum
- Pharmacology
- Major Drug Interactions

Pregnancy Category D

Guide Bookmarks Recent Calculator Account

**Fluoro**quinolones, Overview

Contents

- Overview of **Fluoro**quinolones
- Adverse Effects
- Activity Spectrum
- Comments
- Links to Agents

Gram-negative bacilli: *Enterobacter* sp., *P. aeruginosa* and *Haemophilus* sp.

- **Fluoro**quinolones (FQs) are also active against respiratory pathogens, e.g., *Strep. pneumoniae*, *Haemophilus* sp., *Moraxella catarrhalis*, *Legionella* sp., *Chlamydia* and *Mycoplasma*.
- Levofloxacin and Moxifloxacin are more active against respiratory pathogens than Ciprofloxacin.
- Delafloxacin is indicated for acute bacterial

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# 整合內部內容串接，亦可串接外部內容

PubMed Mobile will be replaced by the new PubMed in early March. Click here to try the new PubMed!

↓ Full text

## Salmonella Infections in Childhood.

Review article

Bula-Rudas FJ, et al. Adv Pediatr. 2015.  
[Show full citation](#)

**Abstract**

Salmonella are gram-negative bacilli within the family Enterobacteriaceae. They are the cause of significant morbidity and mortality worldwide. Animals (pets) are an important reservoir for nontyphoidal Salmonella, whereas humans are the only natural host and reservoir for Salmonella Typhi. Salmonella infections are a major cause of gastroenteritis worldwide. They account for an estimated 2.8 billion cases of

Guide Bookmarks Recent Calculator Account

回到頁首

## Bacteremia, Salmonella sp.

Contents )

- Liver disease
- Sickle cell disease
- Gastric acid suppression
- Manifestations in Children (Adv Pediatr 62:29, 2015).
- See also: Typhoid Fever

ETIOLOGIES

- **Salmonella enterica** - a variety of serotypes including Typhi, Paratyphi, Enteritidis, Typhimurium and Choleraesuis

PRIMARY REGIMENS

- Ciprofloxacin 400 mg IV q12h or 750 mg po q12h
- Levofloxacin 750 mg po/IV q24h
- Duration of therapy depends on the presence or absence of extra-intestinal

加入書籤

Guide Bookmarks Recent Calculator Account

## Salmonella sp.

Contents )

Updated Nov 26, 2018

CLINICAL SETTING

- Foodborne illness, often in an outbreak setting.
- Treatment not recommended for mild-to-moderate gastroenteritis in immunocompetent patients as infection is self-limited.
- Recommendations below are for patients with severe illness, immunocompromised patients, others at risk of complication or invasive disease (young children, elderly).
- CLSI has established interpretive breakpoints for susceptibility to Ciprofloxacin (Clin Infect Dis 55:1107, 2012)
  - Susceptible strains: MIC < 0.06 µg/mL

Guide Bookmarks Recent Calculator Account

# 連結相關計算器

熱病

## Cefotetan

Contents )

ADULT DOSE

Usual Dose	1-3 gm IV/IM q12h (max 6 gm q24h)
------------	-----------------------------------

PEDIATRIC DOSE

- Age > 28 days: 60-100 mg/kg/day, divided q12h (max 6 gm/day)

RENAL ADJUSTMENT DOSE

- Body weight and Creatinine Clearance calculations

Half-life (Normal/ESRD)/hr	4/13-25
Reference Dose Normal Renal	1-2 gm q12h

Guide Bookmarks Recent Calculator Account

熱病

Creatinine Clearance (CrCl)

Creatinine Clearance

Sex	Male <input checked="" type="radio"/> Female <input type="radio"/>
Age in Years	<input type="text"/>
Height	<input type="text"/> ft <input type="text"/> in <input checked="" type="radio"/> ft <input type="radio"/> cm
Weight	<input type="text"/> 0.00 <input checked="" type="radio"/> lbs <input type="radio"/> kg
Serum Creatinine	<input type="text"/> 0.00 <input checked="" type="radio"/> mg/dL <input type="radio"/> micromol/L

Calculate Reset Inputs

Guide Bookmarks Recent Calculator Account

熱病

Creatinine Clearance (CrCl)

Creatinine Clearance

Sex	Male <input checked="" type="radio"/> Female <input type="radio"/>
Age in Years	<input type="text"/>
Height	<input type="text"/> ft <input type="text"/> in <input checked="" type="radio"/> ft <input type="radio"/> cm

Done

- Body Mass Index (BMI)
- Body Surface Area (BSA)
- Child Pugh Score
- Colistin Dosing

# 相關的表格與工具

Navigation bar: Tables & Tools

- Usage & Dosing
- Calculators
- Adverse Effects
- Activity Spectra
- Pharmacology Data
- Drug Interactions
- Local Guidelines

Bottom bar: Guide, Bookmarks, Recent, Calculator, Account

Navigation bar: Activity Spect...

- Antibacterial Agents: Spectra of Activity
- Antifungal Agents: Spectra of Activity
- Antiviral Agents: Spectra of Activity
- Antibacterial Spectra Legend

Bottom bar: Guide, Bookmarks, Recent, Calculator, Account

Navigation bar: Calculators

- Body Mass Index
- Body Surface Area
- Child- Pugh Score
- Child- Turcotte- Pugh Score: Formulas
- Colistin Dosing
- Creatinine Clearance
- Creatinine Clearance: Formulas
- Glomerular Filtration Rate
- Ideal Body Weight
- MELD Score
- Pneumonia Severity Index (PSI)

Bottom bar: Guide, Bookmarks, Recent, Calculator, Account

# Activity Spectra (在Tables & Tools)中

熱病

ADD ALL  
ADD BUG/DRUG  
PIVOT AXES

Clear All Columns X

Clear All Rows X

熱病

Search for...

輸入藥物或病原

Add All Bugs  
Add All Drugs  
Add All  
Clear All Bugs  
Clear All Drugs  
Clear All

Drug Groups

Name	Abbr
Aminoglycosides	AG
Carbapenems	Carb
Fluoroquinolone	FQ
Glyco/Lipo	-
Lincosamide	Linco
Macrolides	Macro
Monobactam	-
Oral Cephalosporins	O Ceph
Other	-
Oxazolid	Ox-lid
Parenteral Cephalosporins	P Ceph

熱病

Aerobic, gram positive cocci

ADD ALL  
ADD BUG/DRUG  
PIVOT AXES

	E. faecalis (S)	E. faecium (S)	E. faecalis (VRE)	E. faecium (VRE)	S. aureus MSSA	S. aureus HA-I	S. aureus CA-I
<b>Penicillins</b>							
Penicillin G	++	±	±	±	±	±	±
Penicillin VK	0	0	0	0	±	0	0
Nafcillin	0	0	0	0	++	0	0
Oxacillin	0	0	0	0	++	0	0
Cloxacillin	0	0	0	0	++	0	0
Flucloxacillin	0	0	0	0	++	0	0
Dicloxacillin	0	0	0	0	++	0	0
Ampicillin	++	±	±	±	±	0	0
Amoxicillin	++	±	±	±	±	0	0
Amox-Clav	+	±	±	±	±	0	0
Amp-Sulb	+	±	±	±	+	0	0
Pip-Tazo	+	+	+	+	+	0	0

SG Variable

SG Active

# Dosing/Use in Special Populations 特殊族群(如藥物半衰期及劑量)

Tables & Tools

- Usage & Dosing
- Calculators
- Adverse Effects
- Activity Spectra
- Pharmacology Data
- Drug Interactions
- Local Guidelines

Guide | Bookmarks | Recent | Calculator | Account

Renal Impairment Dosing

Antimicrobial	Half-life	Dosing
<b>Antibacterials</b>		
<b>Aminoglycosides, MDD</b>		
Amikacin	<a href="#">View</a>	<a href="#">View</a>
Gentamicin	<a href="#">View</a>	<a href="#">View</a>
Netilmicin	<a href="#">View</a>	<a href="#">View</a>
Plazomicin	<a href="#">View</a>	<a href="#">View</a>
Tobramycin	<a href="#">View</a>	<a href="#">View</a>
<b>Aminoglycosides, ODD</b>		
Amikacin	<a href="#">View</a>	<a href="#">View</a>
Gentamicin	<a href="#">View</a>	<a href="#">View</a>
Isepamicin	<a href="#">View</a>	<a href="#">View</a>
Kanamycin	<a href="#">View</a>	<a href="#">View</a>
Netilmicin	<a href="#">View</a>	<a href="#">View</a>
Streptomycin	<a href="#">View</a>	<a href="#">View</a>
Tobramycin	<a href="#">View</a>	<a href="#">View</a>
<b>Beta-Lactams</b>		
<b>Carbapenems</b>		

Guide | Bookmarks | Recent | Calculator | Account

**Amikacin**

**Half-Life, Hrs**

Renal Function Normal:	2-3
ESRD:	30-70

Check levels with CAPD, PK highly variable. Usual method w/CAPD: 2L dialysis fluid replaced qid (Example amikacin: give 8L x 20 mg lost/L = 160 mg amikacin IV supplement daily).

High flux HD membranes lead to unpredictable drug CI; measure post-dialysis drug levels.

**Amikacin**

**Dosing**

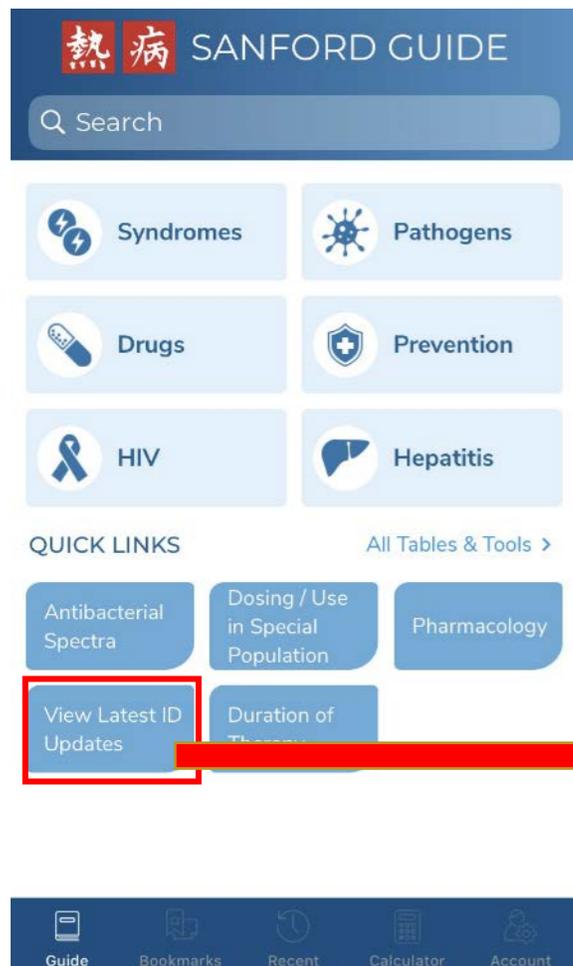
Renal Function Normal:	7.5 mg/kg IM/IV q12h (once-daily dosing below)
CrCl >50-90:	7.5 mg/kg q12h
CrCl 10-50:	7.5 mg/kg q24h
CrCl <10:	7.5 mg/kg q48h
Hemodialysis:	7.5 mg/kg q48h (+ extra 3.75 mg/kg AD)
CAPD:	15-20 mg lost per L of dialysate/day
CRRT:	7.5 mg/kg q24h

Check levels with CAPD, PK highly variable. Usual method w/CAPD: 2L dialysis fluid replaced qid (Example amikacin: give 8L x 20 mg lost/L = 160 mg amikacin IV supplement daily).

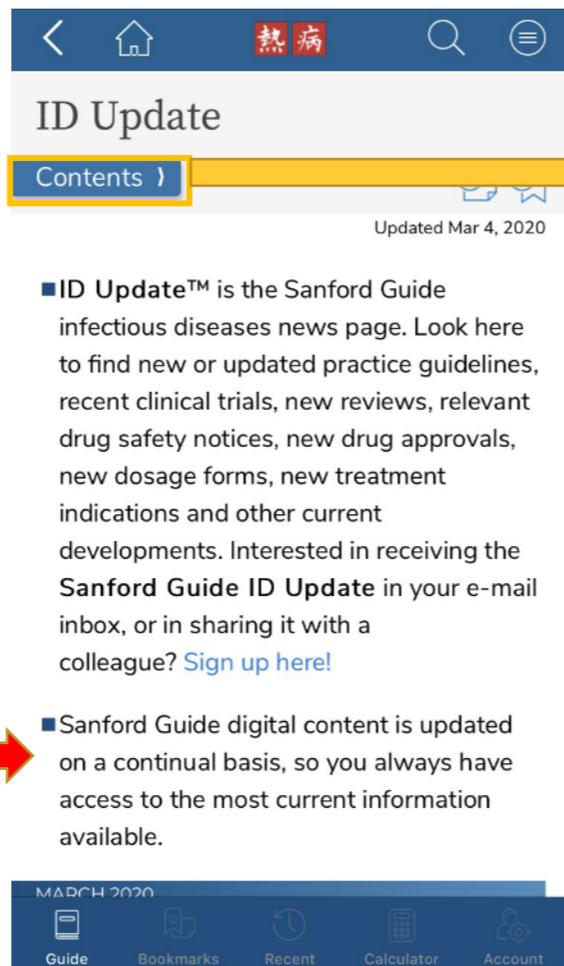
High flux HD membranes lead to unpredictable drug CI; measure post-dialysis drug levels.

Close

# 每月更新提示



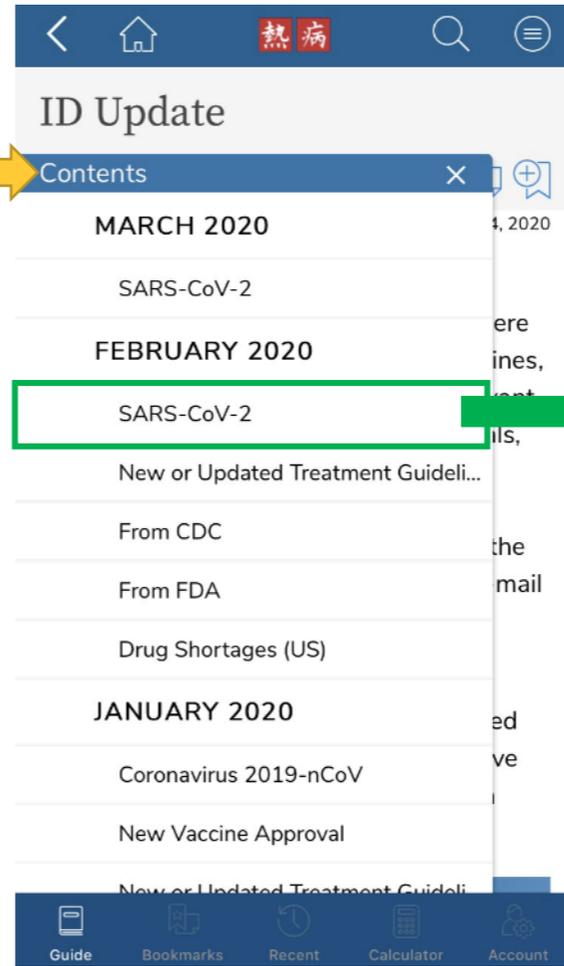
The image shows the home screen of the Sanford Guide mobile application. At the top, there is a header with the logo '熱病 SANFORD GUIDE' and a search bar. Below the header, there are several category buttons: 'Syndromes', 'Pathogens', 'Drugs', 'Prevention', 'HIV', and 'Hepatitis'. A 'QUICK LINKS' section contains buttons for 'Antibacterial Spectra', 'Dosing / Use in Special Population', 'Pharmacology', 'View Latest ID Updates', and 'Duration of Therapy'. At the bottom, there is a navigation bar with icons for 'Guide', 'Bookmarks', 'Recent', 'Calculator', and 'Account'. A red box highlights the 'View Latest ID Updates' button, with a red arrow pointing to the 'ID Update' screen in the next panel.



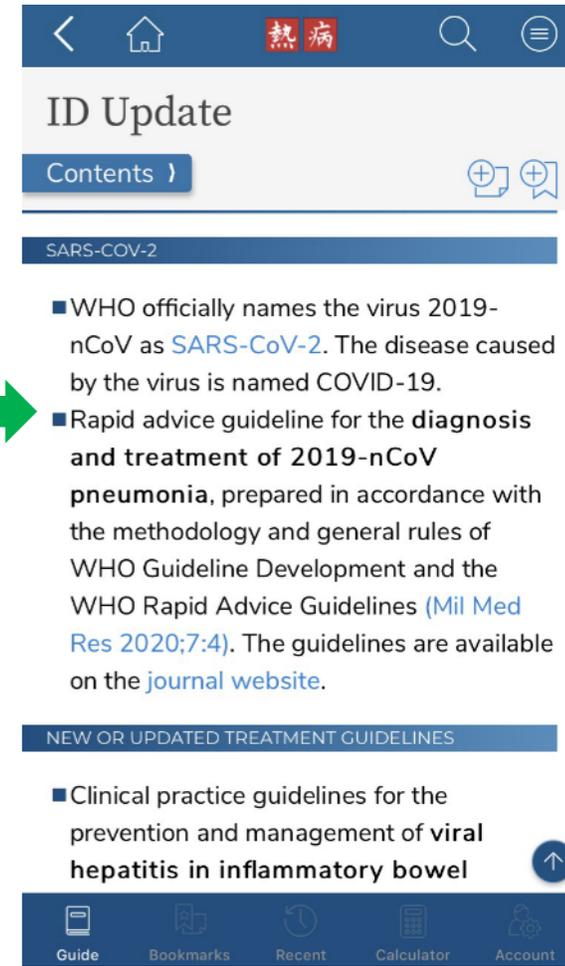
The image shows the 'ID Update' screen in the Sanford Guide mobile application. The title is 'ID Update' and it is dated 'Updated Mar 4, 2020'. A yellow box highlights the 'Contents' button, with a yellow arrow pointing to the 'Contents' menu in the next panel. The main content area contains two paragraphs of text. The first paragraph explains that ID Update™ is the Sanford Guide infectious diseases news page, providing updates on practice guidelines, clinical trials, reviews, drug safety notices, and approvals. It encourages users to sign up for email updates. The second paragraph states that Sanford Guide digital content is updated continually, ensuring access to the most current information. A red arrow points from the 'View Latest ID Updates' button in the home screen to this text.

■ ID Update™ is the Sanford Guide infectious diseases news page. Look here to find new or updated practice guidelines, recent clinical trials, new reviews, relevant drug safety notices, new drug approvals, new dosage forms, new treatment indications and other current developments. Interested in receiving the **Sanford Guide ID Update** in your e-mail inbox, or in sharing it with a colleague? [Sign up here!](#)

■ Sanford Guide digital content is updated on a continual basis, so you always have access to the most current information available.



The image shows the 'ID Update' screen with the 'Contents' menu open. The menu lists updates by month: 'MARCH 2020', 'FEBRUARY 2020', and 'JANUARY 2020'. Under 'MARCH 2020', there is a 'SARS-CoV-2' entry, which is highlighted with a green box and a green arrow pointing to the 'SARS-CoV-2' entry in the next panel. Other entries include 'New or Updated Treatment Guideli...', 'From CDC', 'From FDA', and 'Drug Shortages (US)'. Under 'JANUARY 2020', there are entries for 'Coronavirus 2019-nCoV', 'New Vaccine Approval', and 'New or Updated Treatment Guideli...'. The bottom navigation bar is visible at the bottom of the screen.



The image shows the 'ID Update' screen with the 'SARS-CoV-2' article selected. The article title is 'SARS-CoV-2' and it includes a sub-heading 'NEW OR UPDATED TREATMENT GUIDELINES'. The main text discusses the WHO's official naming of the virus as 2019-nCoV as SARS-CoV-2 and the disease as COVID-19. It also mentions a rapid advice guideline for the diagnosis and treatment of 2019-nCoV pneumonia, prepared in accordance with WHO methodology and general rules. The guidelines are available on the journal website. A blue arrow points from the 'SARS-CoV-2' entry in the previous panel to this article.

■ WHO officially names the virus 2019-nCoV as **SARS-CoV-2**. The disease caused by the virus is named COVID-19.

■ Rapid advice guideline for the **diagnosis and treatment of 2019-nCoV pneumonia**, prepared in accordance with the methodology and general rules of WHO Guideline Development and the WHO Rapid Advice Guidelines ([Mil Med Res 2020;7:4](#)). The guidelines are available on the [journal website](#).

■ Clinical practice guidelines for the prevention and management of **viral hepatitis in inflammatory bowel**

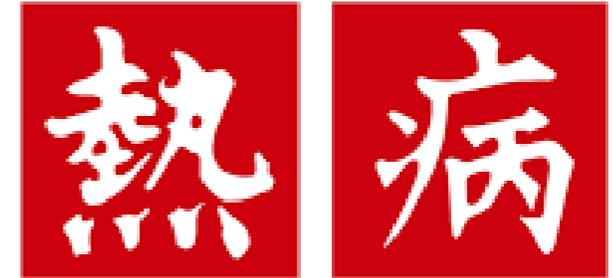
Part 04

開始安裝

START TO INSTALL

# Sanford Guide Collection

SANFORD GUIDE



## 熱病App安裝指引

# 熱病APP安裝 Step 1 : (請參考開通手冊及取得序號)

此次APP使用涵蓋熱病三大主題：

Antimicrobial Therapy、HIV/Aids、Hepatitis  
請至手機的應用程式商店 (Google Play、APP Store) 搜尋 **Sanford Guide Collection**



# APP安裝 Step 2：登入使用(可離線使用)

- 輸入已申請帳號(Email)及密碼



- 安裝完成後畫面





THANK YOU