



Accessible. Concise. Reliable.





What is Sanford Guide?

- Concise clinical reference
- Infectious diseases
- Started as book in 1969
- Books, apps, web site, API
- #1 on Amazon, Google Play, Apple App Store, etc.
- >25 million aggregate sales
- ~1 million users

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Who Uses Sanford Guide?

- Inpatient
- Outpatient
- Hospitalists
- Specialists
- General Practitioners
- Family Medicine Providers
- Physicians
- Physician Assistants
- Pharmacists
- Nurse Practitioners
- Microbiologists
- Infection Prevention & Epidemiology

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Stewardship Challenges



- Communicating ASP messages to prescribers
- Alert fatigue
- Localized antibiogram = major time/\$ investment
- How to get prescribers to use local data
- Antibiogram doesn't tell full story

Stewardship Challenges



A recent study investigated antibiotic prescribing decisions among a group of medical residents.

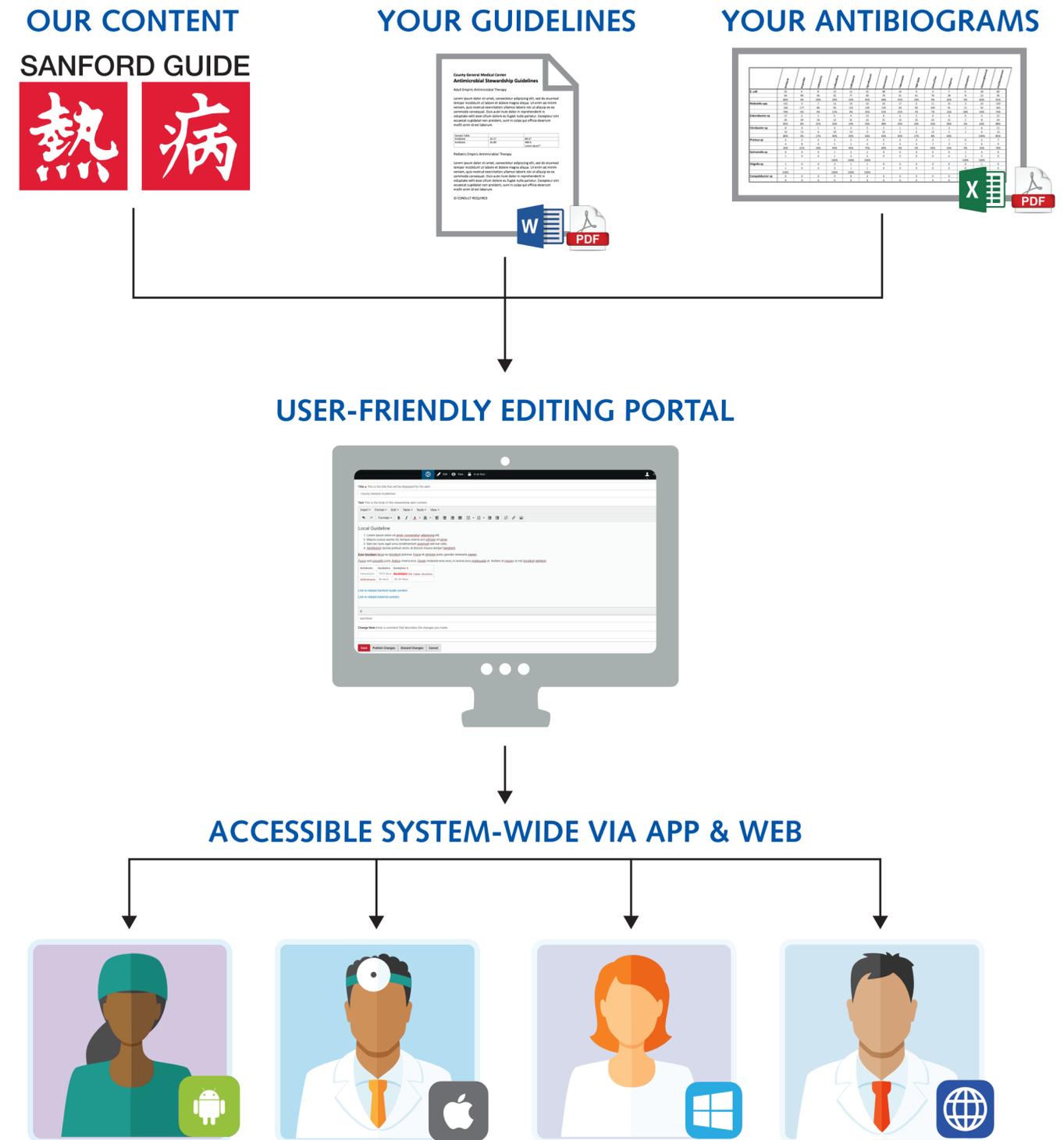
The study showed that:

- 72% of residents relied on Sanford Guide for the selection of empiric therapy
- 90% of residents were aware of institutional antibiograms, but only
- 44% know how to access them.

Tallman et al, Infect Control Hosp Epidemiol. 2018 Mar 1:1-6. [Epub ahead of print].

熱病 SANFORD GUIDE with Stewardship Assist

- Display local antibiograms w/ notes
- Display multiple antibiograms
- Display stewardship recommendations on any page
- Create site-specific pages and content
- Disseminate stewardship recommendations without the need for in-house development or IT support

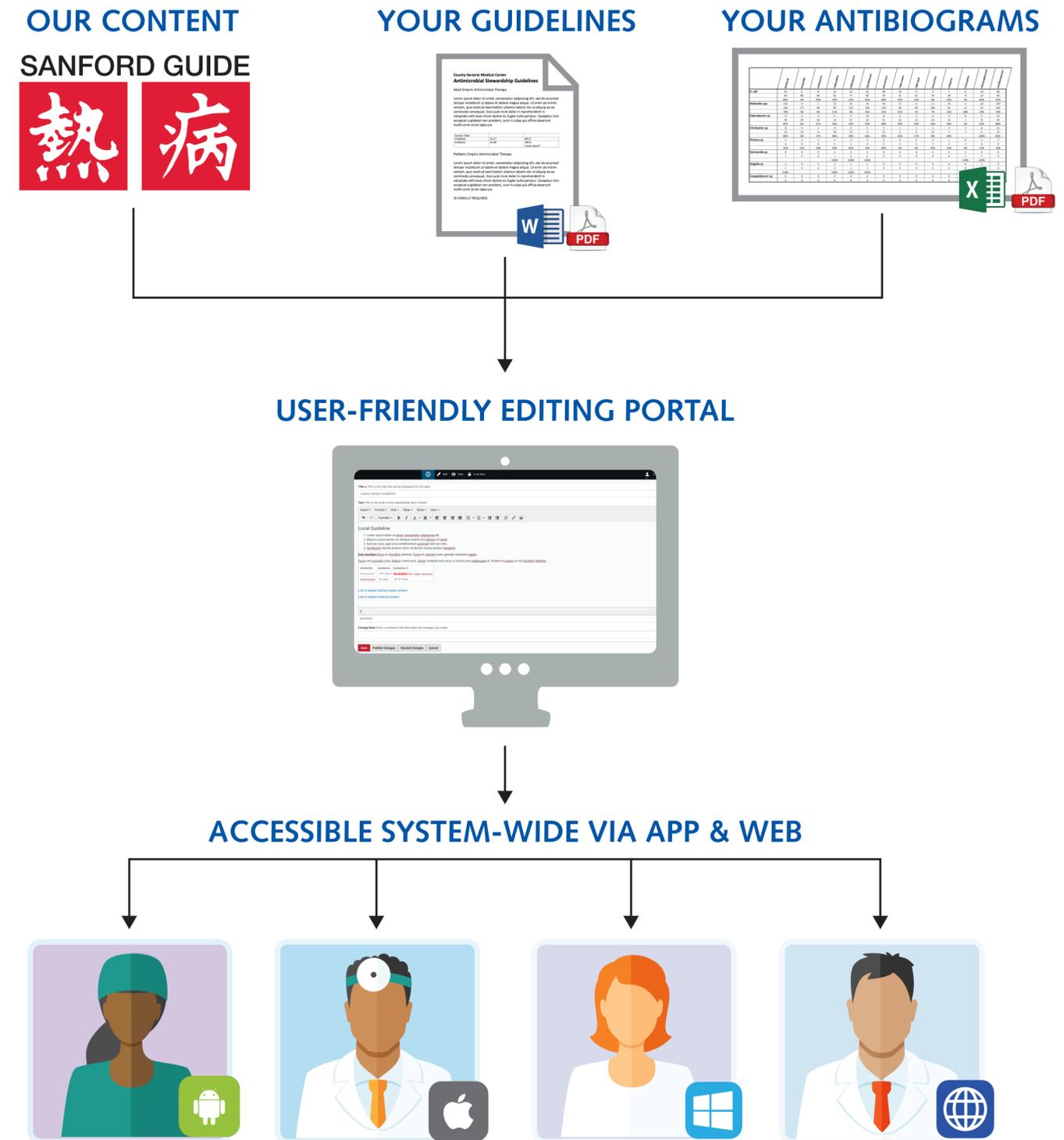


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熱病 SANFORD GUIDE with Stewardship Assist

What's Included:

- System-wide access
- Full suite of Sanford Guide content (w/ updates)
- Access content via iOS, Android, & web
- Transfer of guidelines & antibiograms
- Tools to add or change content at any time
- Support for web pages, PDFs, images, algorithms
- Training for your editorial team
- Access to usage data to target interventions

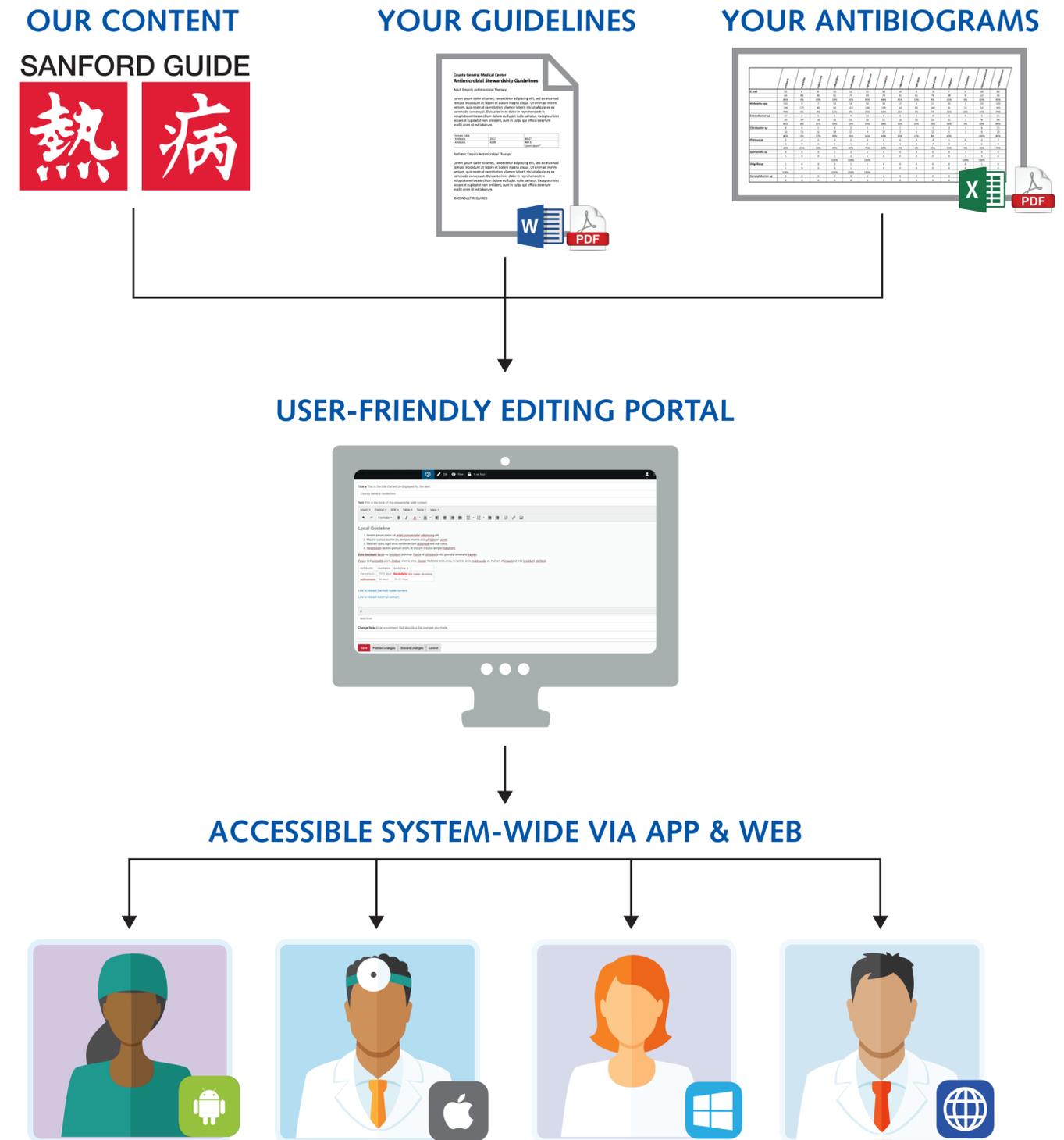


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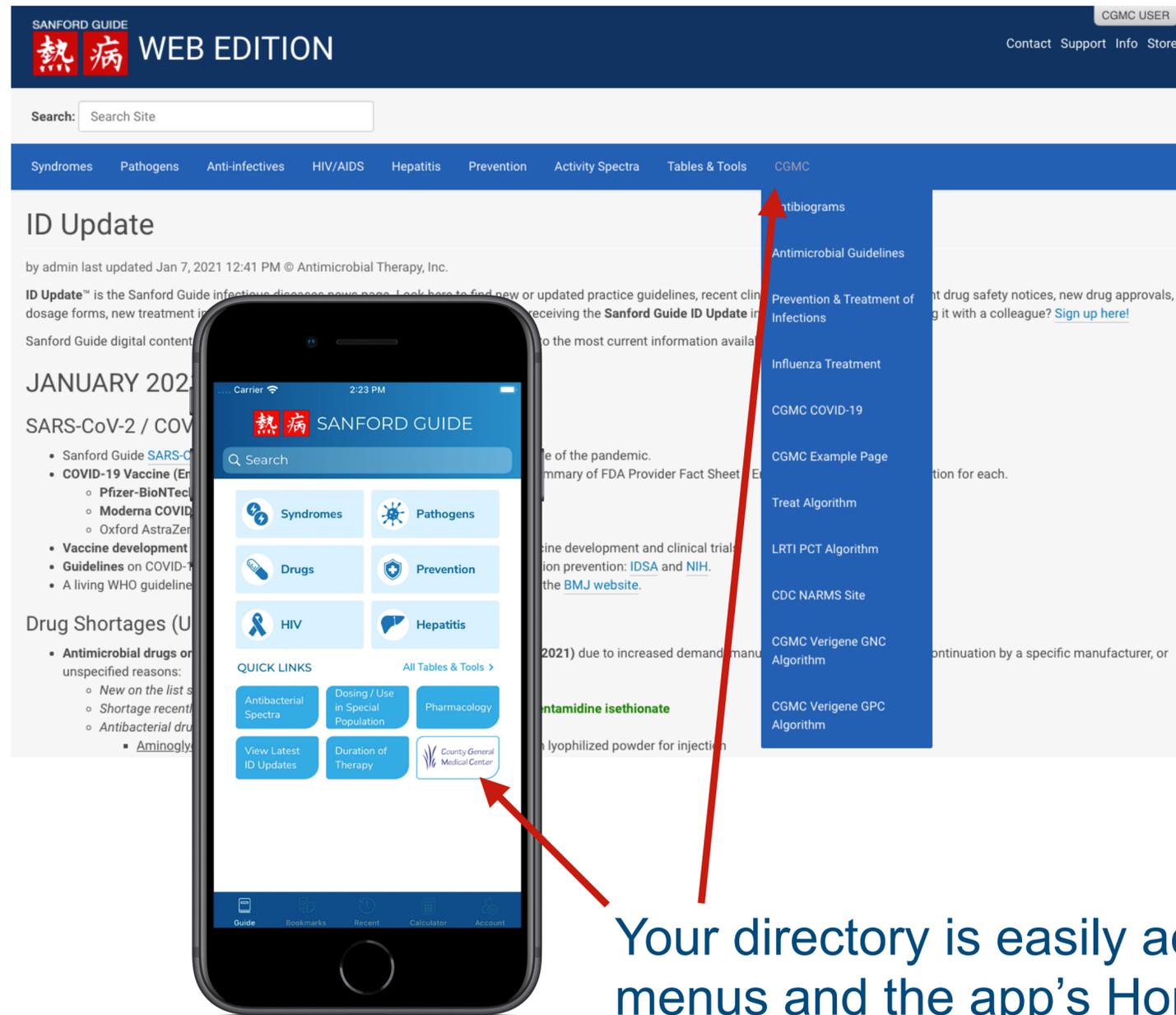
Five core features

- Institutional directory w/ your content
- Your guidelines on Sanford Guide pages
- Editorial dashboard to track updates
- Your antibiograms alongside our activity spectra
- In-app Announcements for drug shortages, etc.



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Populate your institutional directory with all your guidelines



Your directory is easily accessible from the web's menus and the app's Home screen

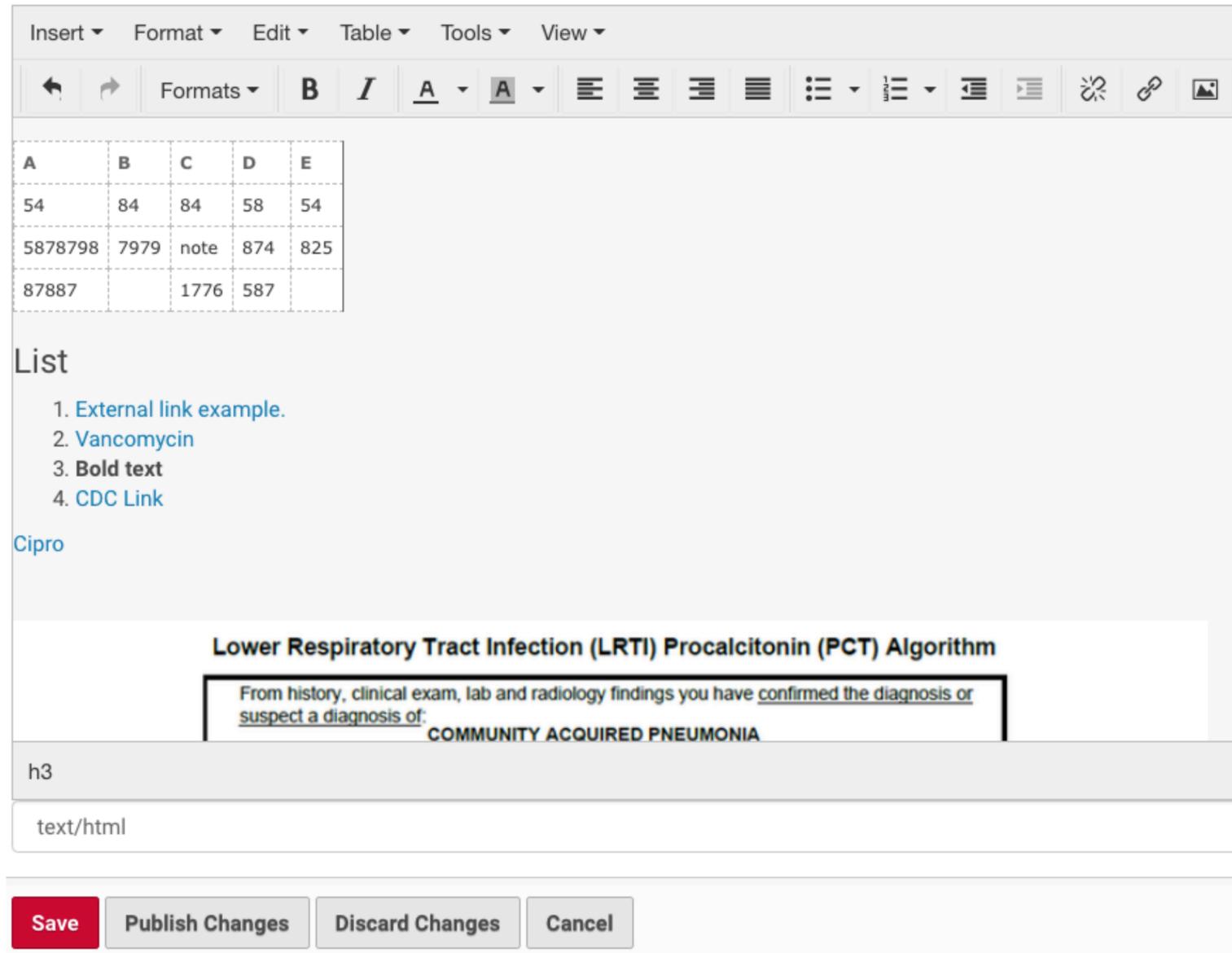
- Custom directory, accessible from the home page of the web site and the app
- Contains as much content as you want, including
 - Web pages
 - Links to internal or external pages
 - Links to your antibiograms
 - Decision trees/treatment algorithms
 - PDFs for viewing or download
- Content can be organized into subfolders for topic, content type, facility, etc.

Our algorithm tool guides clinicians through decision-making processes

A screenshot of a decision-making process form. It contains three questions with radio button options: 'Are you hungry?' (Yes/No), 'What is your role?' (Resident/Mid-career/Supervisory), and 'Have you already had more than one cookie?' (Yes/No). The 'Mid-career' and 'Yes' options are selected. Below the questions, it says 'No cookie for you!'.

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Content is easily edited with our WYSIWYG editor



The screenshot displays a WYSIWYG editor interface with a menu bar (Insert, Format, Edit, Table, Tools, View) and a toolbar containing icons for undo, redo, bold, italic, text color, background color, bulleted list, numbered list, indent, outdent, link, unlink, and image. The main content area includes a table with 5 columns (A-E) and 4 rows of data, a list of four items (External link example, Vancomycin, Bold text, CDC Link), the word 'Cipro', and a highlighted section titled 'Lower Respiratory Tract Infection (LRTI) Procalcitonin (PCT) Algorithm' containing text about diagnosis confirmation and 'COMMUNITY ACQUIRED PNEUMONIA'. Below the content is a text input field with 'h3' and 'text/html' selected. At the bottom are buttons for 'Save', 'Publish Changes', 'Discard Changes', and 'Cancel'.

- Editors can make changes at any time
- With our user-friendly editor, it's easy to add
 - Text formatting (bold, italic)
 - Text colors & highlighting
 - Headers
 - Bulleted and numbered lists
 - Hyperlinks to Sanford Guide pages
 - Hyperlinks to your pages
 - Hyperlinks to external pages
 - Hyperlinks to create emails
 - Images
 - Tables
- Changes go live in minutes or hours - not weeks or months
- Editors can save work for later review or editing

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Add your guidelines to any Sanford Guide syndrome, pathogen, or drug page

Meropenem

Meropenem, Merrem

Sanford Guide CGMC

Local Hospital Guidelines

last modified Nov 12, 2020 12:17 PM



Requires ID Consult

Relative cost:
\$\$\$\$

Consider alternatives:

- [Dorpenem](#)
- [Imipenem](#)

Other Guidelines:

- [CDC](#)
- [IDSA](#)

	Criterion	Criterion	Criterion	Criterion
Dose	125	250	500	750
Dose	250	500	750	1000
Dose	375	500	875	1125
Dose	500	750	875	1250

- When users visit any page, your guidelines appear first, so you can highlight information such as formulary restrictions, susceptibility issues, cost data, and more
- Users can tap on the Sanford Guide tab to see full Sanford Guide information on the topic
- Formatting tools allow you to change fonts, add colors, insert tables, link to internal or external pages, and more.
- Your content can be customized and edited without the need for IT intervention using our WYSIWYG editor
- Your edits go live instantly, or can be saved for later review and publication

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Keep track of your edits with our Editorial Dashboard

SANFORD GUIDE  Stewardship Assist Dashboard

[Download CSV](#)

Baseline							Working Copy			
Type	Title	Owner	Last Modified	Modified By	State	Link	Last Modified	Modified By	Link	
Alert	Mon Health Guidelines - Ciprofloxacin	cgmc-editor-sanfordguide-com	2021-01-07 09:31	cgmc-editor-sanfordguide-com	Published	View	N/A	N/A	View	
Standalone	Antimicrobial Guidelines	cgmc-editor-sanfordguide-com	2021-01-07 09:29	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Formulary Restriction - Pneumonia, Communi...	cgmc-editor-sanfordguide-com	2020-12-29 08:09	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Not on KAAMC Formulary - Ceftaroline	cgmc-editor-sanfordguide-com	2020-12-29 08:06	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	CGMC Stewardship Guidelines - UTI, Acute, U...	sgrimley@sanfordguide.com	2020-12-21 14:23	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Formulary Restriction - Doripenem	cgmc-editor-sanfordguide-com	2020-12-15 14:22	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Local Guidelines - Amoxicillin	cgmc-editor-sanfordguide-com	2020-12-15 12:23	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	ASP Alert - Vancomycin	cgmc-editor-sanfordguide-com	2020-12-01 10:25	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Local Hospital Guidelines - Meropenem	cgmc-editor-sanfordguide-com	2020-11-12 12:17	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Standalone	Treatment of Influenza 2018-2019	cgmc-editor-sanfordguide-com	2020-11-04 12:37	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Formulary Restriction - Azithromycin	cgmc-editor-sanfordguide-com	2020-09-24 11:30	cgmc-editor-sanfordguide-com	Published	View	N/A	N/A	View	
Alert	ASP Alert - CDC Immunization Schedules	cgmc-editor-sanfordguide-com	2020-09-03 10:37	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	Formulary Restriction - Cefepime	cgmc-editor-sanfordguide-com	2020-09-01 13:12	cgmc-editor-sanfordguide-com	Published	View	N/A	N/A	View	
Alert	County General Guidelines - Cefazolin	cgmc-editor-sanfordguide-com	2020-08-24 10:02	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	
Alert	ASP Alert - Pseudomonas aeruginosa	cgmc-editor-sanfordguide-com	2020-08-19 12:23	cgmc-editor-sanfordguide-com	Published	View	N/A	N/A	View	
Standalone	Process for Ordering Antimicrobials at CGMC	cgmc-editor-sanfordguide-com	2020-08-18 12:41	cgmc-editor@sanfordguide.com	Published	View	N/A	N/A	View	

- Your hospital or health system's AMS editorial team can make edits at any time
- Editors can easily view a comprehensive list of pages and alerts, and organize them by
 - Creator
 - Editor
 - Modification date
 - Draft vs published version
- Dashboard data can be exported in csv format for offline review

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Display your antibiograms in our interactive Spectra of Activity

CGMC Inpatient	Pan	G.	F.	P.Ceph	AG						
ADD ALL	Ampicillin	Pip-Tazo	Meropenem	Ciprofloxacin	Cefazolin	Ceftaxone	Ceftazidime	Cefepime	Gentamicin	Tobramycin	Clear All Columns
ADD BUG/DRUG											
PIVOT AXES											
LEGEND											
SAVE VIEW											
Aerobic gram negative bacilli, enterobacter											
C. freundii	79	100	79	85	71	72	100	92	89	X	
E. aerogenes	89	100	95				100	100	98	X	
E. cloacae complex	83	100	97				99	97	85	X	
E. coli (S)	58	99	53	86	63	85	83	42	X		
K. oxytoca	0	84	83	25	86	87	100	97	91	X	
K. pneumoniae	0	88	98	77	69	76	82	87	86	X	
P. mirabilis	73	100	100	73	5	92	94	88	89	X	
Serratia marcescens	100	98	98		100	100	100	100	100	X	
Aerobic gram negative bacilli, non-fermenter											
A. baumannii cmplx	94	100	100		53	94	88	100	100	X	
P. aeruginosa	75	79	74		49	86	86		95	X	
Clear All Rows	X	X	X	X	X	X	X	X	X	X	X

Meropenem and E. coli (S)

SG Active

CGMC IPT 99

Isolates 367

\$\$\$
Includes all inpatient locations from all culture

CGMC OPT 95

Isolates 36

2017 Adult - All no data

NARMS 2018 no data

NARMS 2019 no data

[Show Only Current Layer](#)

[Edit](#)

- Display only the drugs and pathogens you choose
- Unlimited number of data sets, so each ward, facility, or year can have its own view
- Color coded to highlight treatments of greatest susceptibility

- Tap on any interaction for detailed information including
 - Isolates used
 - Notes pertaining to the interaction
 - Sanford Guide recommendation
 - Susceptibility from other data sets
 - Links to drug and pathogen information

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Alert Your Providers with In-App Announcements

- Notify providers of drug shortages, guideline changes, etc.
- Create announcements with a user-friendly editor
- Schedule for later or publish instantly
- Sent to users in real time
- Retained in the app for later reference
- Can revoke from all users at any time

Edit Meta Logs (2)

Announcement Title: (up to 200 characters long)

Drug Shortage Alert

Announcement Content:

Edit View Insert Format

← → Bold B I U ~~S~~ A

Doxycycline Oral Suspension in short supply ([More information](#))

Available Products

Doxycycline monohydrate oral powder for suspension, Lupin, 25 mg/5 mL, 60 mL bottle, NDC 68180-0657-01.

P » STRONG

Send Announcement To: County General Medical Center

That is using a license for: --Any Product--

Update Announcement Reset Cancel



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What are the benefits?



- Save time
- Save money
- Promote antimicrobial stewardship
- Reduce medical errors
- Improve patient outcomes
- Cut down on readmissions



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Is there evidence this will help?



A recent study demonstrated how Sanford Guide with Stewardship Assist improved antimicrobial stewardship knowledge and performance among medical residents and interns.

The study showed that:

- 95% of participants preferred the app to a paper guide
- 88% reported that it was easy to use the app
- 68% reported that the app directly improved their knowledge of local resistance patterns
- Weekly training sessions that incorporated the app resulted in antibiogram usage increasing from 34% to 90%

Brooke et al.. IDWeek 2021 session 86 - Making the APPropriate Choice: Utilization of a Smartphone Application to Optimize Antimicrobial Decisions Among Internal Medicine Trainees

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What are other benefits?

Sanford Guide with Stewardship Assist can help you meet **CDC Core Elements** for Hospital Antibiotic Stewardship Programs, **CMS Conditions for Participation**, and **Joint Commission** requirements, and adhere to **IDSA and SHEA Recommendations**:

- Demonstrates prioritization of antimicrobial stewardship through support of its ASP (influencing financial and IT resources to support AMS).
- Demonstrates usage of and adherence to nationally recognized guidelines and best practices for antimicrobial stewardship.
- Makes it easy to document evidence-based use of antibiotics.
- Makes it easy to develop and approve, and document protocols using the Editorial Dashboard and version control.
- Assists with implementation of guidelines for CAP, UTI, SSTI, and avoidance of inappropriate urine testing for patients w/o UTI symptoms.
- Incorporates computerized clinical decision support at the time of prescribing.
- Disseminates guidelines in an electronic format.

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Why Sanford Guide?

- 50+ years of leadership & trust
- Geographically diverse editorial board
- Fastest time-to-answer
- Top-rated mobile apps
- Family-owned small business
- Responsive and dynamic
- You're already using it!



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 **SANFORD GUIDE** with
Stewardship Assist 

More information

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