

An Overview: Hepatitis C Online and Hepatitis B Online

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No disclosures

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Overview

Sections on Hepatitis C Online and Hepatitis B Online

- Lessons (Self-Study and Quick Reference)
- Medications
- Tools & Calculators
- Clinical Challenges
- Learning Groups
- Unique sections to each site



Overview

Hepatitis C Online

HCV Biology

Hepatitis B Online

- Hepatitis B Management: Guidance for the Primary Care Provider
- HBV Vaccines
- HBV Mini-Lectures

Both curriculums are funded through a Centers for Disease Control and Prevention (CDC) Cooperative Agreement (CDC-RFA-PS21-2105) and developed by the University of Washington Infectious Diseases Education & Assessment (IDEA) Program.









HCV Medications







Clinical Consultation









Hepatitis C Online

A free educational website from the University of Washington Infectious Diseases Education & Assessment (IDEA) program



Funded by Centers for Disease Control and Prevention (CDC)

HCV Medications

Medication Summaries Prescribing Information Clinical Studies Slide Decks

Learn about medications to treat HCV »



HCV Course Modules

Screening and Diagnosis of Hepatitis C Infection

For any clinician who may encounter persons with hepatitis C virus infection and would like to establish core competence in testing for hepatitis C, counseling patients on preventing hepatitis C transmission, and diagnosing acute hepatitis C infection.

Overview / Quick Reference >

Rapidly access info about Screening and Diagnosis of Hepatitis C Infection

Self-Study 3rd Edition CNE/CME

Track your progress and receive CE credit

Evaluation, Staging, and Monitoring of Chronic Hepatitis C

Overview / Quick Reference >

Rapidly access info about Evaluation, Staging, and Monitoring of Chronic Hepatitis C

Clinical Challenges

Expert opinions for challenging and controversial cases

Clinical Challenges

Expert opinions for challenging and controversial

Learning Portal and Information Resource

Hepatitis C Online

Course Modules

6 Modules 34 Lessons HCV Medications

/ Medications Tools and Calculators

12 Tools/ Calculators Clinical Challenges

New in 2022

HCV Biology

Structure Proteins Life Cycle

34 Free CME/CNE/CE
18 Pharmacology CE for APNs
& Certificates of Completion



6 Modules: 34 Lessons

Recertified for CE (3rd Edition) in Spring 2021, six modules with 34 lessons address:

- Screening and Diagnosis
- Evaluation, Staging, and Monitoring of Chronic Hepatitis C Management
- Management of Cirrhosis-Related Complications
- Evaluation and Preparation for Hepatitis C Treatment
- Treatment of Chronic Hepatitis C Infection
- Treatment of Key Populations and Unique Situations

34 free CME credit, CNE contact hours, and CE contact hours: 18 pharmacology CE for advanced practice nurses; and Certificates of Completion are also available



Lessons



Dual Functionality















Self-Study Lessons

- Sequential or flexible
- Earn CME/CNE/CE
- Earn Certificates of Completion
- Sign in required
- Ideal for courses & trainings

Registered Learners

Quick Reference Lessons

- Highly organized interface
- Quick search
- On demand topics
- No sign in required
- Ideal for staying updated

All Learners



Self-Study Lessons











Tools & Calculators











Screening and Diagnosis of Hepatitis C Infection

Self-Study



HCV Epidemiology in the United States

Recommendations for **Hepatitis C Screening**

Hepatitis C Diagnostic Testing

Counseling for Prevention of HCV Transmission

Diagnosis of Acute HCV Infection



Certificate of Completion

Screening and Diagnosis of Hepatitis C Infection

You are just a few steps away from free CE credits!

Sign in or Register

A free account is required.

Study the Material

An entire module, or just a few topics at a time.

Take the CE Quiz

5 questions covering the topics in each module.

Claim CE Credit

Free CNE and Free CMF available!

New Users	Returning Users	OID EA
Create a free account to get started.	Email Address	
○ Required for CE	Password	
Register >	? Forgot password?	Sign in • ጋ

Registered Learners

Self-Study Lessons



Screening and Diagnosis of Hepatitis C Infection

Modules

Master Challenges Bibliography

HCV Epidemiology in the United States Recommendations for Hepatitis C Screening

Clinical Consultation

Hepatitis C Diagnostic Testing

Counseling for Prevention of HCV Transmission

Diagnosis of Acute HCV Infection



Q

Self-Study

Lesson 2. Recommendations for Hepatitis C Screening - 17% complete Topic 1. Current Hepatitis C Testing Recommendations

Topic 1. Current Hepatitis C Testing Recommendations

Tools & Calculators >

Next: Lesson 2 Topic 2

CURRENT HEPATITIS C TESTING RECOMMENDATIONS

Recently, several organizations have issued hepatitis C virus (HCV) screening recommendations. In general, major guidelines now recommend routine one-time universal HCV testing for adults 18 years of age and older, routine HCV screening of pregnant individuals, screening younger persons at risk of acquiring HCV, and repeat screening for those with ongoing risk for HCV acquisition.

2020 CDC RECOMMENDATIONS FOR HCV SCREENING

On April 10, 2020, the Centers for Disease Control and Prevention (CDC) issued new recommendations for hepatitis C screening among adults in the United States (Table 1). [1] This new guidance augments prior CDC guidance on HCV screening with two new major recommendations: (1) all adults aged 18 years and older should have HCV screening at least once in their lifetime, except in settings where the prevalence of HCV infection is less than 0.1%, and (2) HCV screening should be performed for all pregnant persons during each pregnancy, except in settings where the prevalence of HCV infection is less than 0.1%[1] The CDC continues to recommend screening persons for HCV regardless of age if risk factors for acquiring HCV are present, with repeat periodic screening in persons who have ongoing risk for acquiring HCV. These new CDC HCV screening recommendations expand prior guidance that recommended routine HCV screening for all persons born between 1945-1965. [1,2,3]

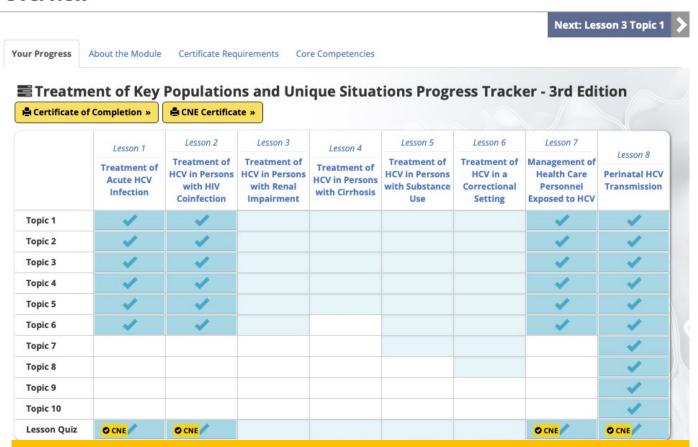
2020 USPSTF HCV SCREENING RECOMMENDATIONS

In March 2020, the U.S. Preventive Services Task Force (USPSTF) issued updated recommendations regarding screening for HCV. The USPSTF now recommends routine screening for all adults in the United States 18-79 years of age, including pregnant women (USPSTF Screening for Hepatitis C Infection 6). [4,5,6] The 2020 USPSTF recommendation for HCV screening was categorized as a grade B recommendation, which means that the USPSTF concludes with moderate certainty that screening for HCV in Table 1. CDC Recommendations for Hepatitis (Screening Among Adults — United States

Registered Learners

Progress Tracker

Overview



Quick Reference Lessons





HCV Biology





>

Course Modules 🕶



Tools & Calculators



Clinical Consultation

View all Course Modules

- Screening and Diagnosis
 of Hepatitis C Infection
- 2 Evaluation, Staging, and Monitoring of Chronic Hepatitis C
- Management of Cirrhosis-Related Complications
- Evaluation and Preparation for Hepatitis C Treatment
- Treatment of Chronic
 Hepatitis C Infection
- Treatment of Key
 Populations and Unique
 Situations

Quick Reference 3rd Edition

Rapidly access information in this module



LESSONS

- 1. HCV Epidemiology in the United States
- 2. Recommendations for Hepatitis C Screening
- 3. Hepatitis C Diagnostic Testing
- 4. Counseling for Prevention of HCV Transmission
- 5. Diagnosis of Acute HCV Infection

Quick Reference Lessons









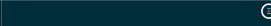
















Recommendations for Hepatitis C Screening

CME/CNE Earn CE credit for this module



Last Updated: May 26th, 2021 Author: David H. Spach, MD Reviewer: Maria A. Corcorran, MD, MPH

Screening and Diagnosis of Hepatitis C Infection

CURRENT HEPATITIS C TESTING RECOMMENDATIONS

Recently, several organizations have issued hepatitis C virus (HCV) screening recommendations. In general, major guidelines now recommend routine one-time universal HCV testing for adults 18 years of age and older, routine HCV screening of pregnant individuals, screening younger persons at risk of acquiring HCV, and repeat screening for those with ongoing risk for HCV acquisition.

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2020 USPSTF HCV SCREENING RECOMMENDATIONS

In March 2020, the U.S. Preventive Services Task Force (USPSTF) issued updated recommendations regarding screening for HCV. The USPSTF



Table 1. CDC Recommendations for Hepatitis C Screening Among Adults — United States

HCV Medications



HCV Medications





Medications >







Clinical Consultation





HCV Medications

Prescribing Information, Clinical Studies, and Slide Decks

All materials are available for download in their original formats as PDF or PowerPoint.

Section Editors

David H. Spach, MD, H. Nina Kim, MD

FDA-Approved

Elbasvir-Grazoprevir

Zepatier

Summary »

Prescribing Information »

Clinical Trials »

References »



Prescribing Information »

Glecaprevir-Pibrentasvir

Clinical Trials »

References »

Mavyret

Ledipasvir-Sofosbuvir

Harvoni

Summary »

Prescribing Information »

Clinical Trials »

References »

Ribavirin

Copegus, Rebetol, Ribasphere

Summary »

Prescribing Information »

Clinical Trials » References »



Sofosbuvir

Sovaldi

Summary »

Prescribing Information »

Clinical Trials »

References »



Sofosbuvir-Velpatasvir

Epclusa

Summary »

Prescribing Information »

Clinical Trials » References »



Sofosbuvir-Velpatasvir-Voxilaprevir

Clinical Trials »

Vosevi



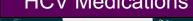
Prescribing Information

References »





HCV Medications

















12/2021

12/2021



Tablet Prescribing Information

Boxed Warning



Other Names: EBR-GZR

♣ Fetched from DailyMed on June 21, 2022.

[see Warnings and Precautions (5.1)].

RECENT MAJOR CHANGES

1. INDICATIONS AND USAGE

Indications and Usage (1)

30 kg (2.2)

Editor's Summary Prescribing Information

BOXED WARNING

Frescribing information last updated May 25, 2022 (provided by Merck Sharp & Dohme LLC).

Clinical Trials

WARNING: RISK OF HEPATITIS B VIRUS REACTIVATION IN PATIENTS COINFECTED WITH HCV AND HBV

Dosage and Administration, Recommended Dosage in Adult and Pediatric Patients 12 Years of Age and Older or Weighing at Least

References

Slide Deck

Test all patients for evidence of current or prior hepatitis B virus (HBV) infection before initiating treatment with ZEPATIER. HBV reactivation has been

reported in HCV/HBV coinfected patients who were undergoing or had completed treatment with HCV direct acting antivirals and were not receiving HBV antiviral therapy. Some cases have resulted in fulminant hepatitis, hepatic failure, and death. Monitor HCV/HBV coinfected patients for hepatitis flare or

HBV reactivation during HCV treatment and post-treatment follow-up. Initiate appropriate patient management for HBV infection as clinically indicated

Teaching Resources

All Visitors/Learners

3. Dosage Forms and Strengths

4 Contraindications

Recent Major Changes

1. Indications and Usage

2. Dosage and Administration

5. Warnings and Precautions

6. Adverse Reactions

7. Drug Interactions

8. Use in Specific Populations

10. Overdosage

11. Description

12. Clinical Pharmacology

13. Nonclinical Toxicology

14. Clinical Studies

16. How Supplied/Storage and

Handling

17. Patient Counseling Information

Spl Unclassified Section

Patient Package Insert

Spl Unclassified Section

Package Label, Principal Display

Panel















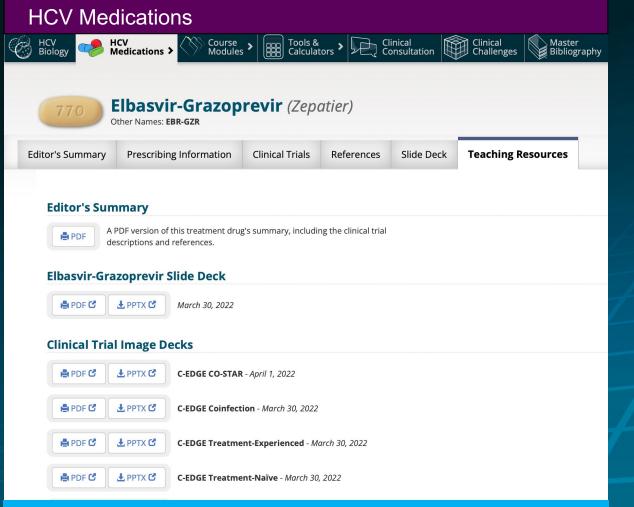








- Clinical Challenges



Teaching Resources: Downloadable PDFs and PowerPoint Slide Decks

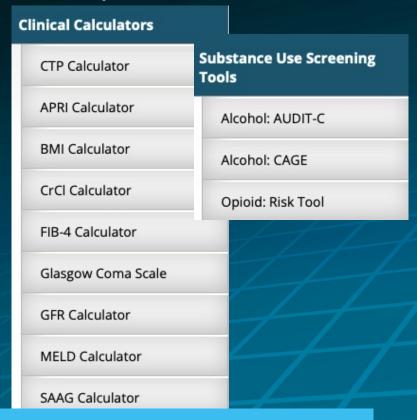
HEPATITIS ONLINE

Clinical Calculators



12 Clinical Calculators & Screening Tools

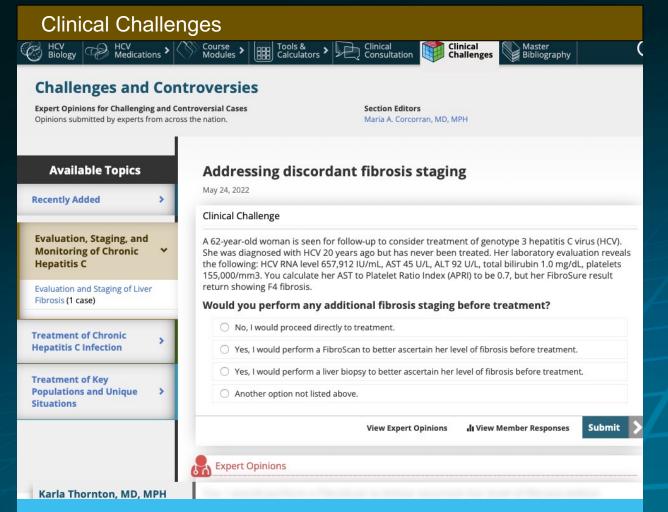
Using your own electronic device, you can access:

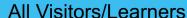




Clinical Challenges









Learning Groups

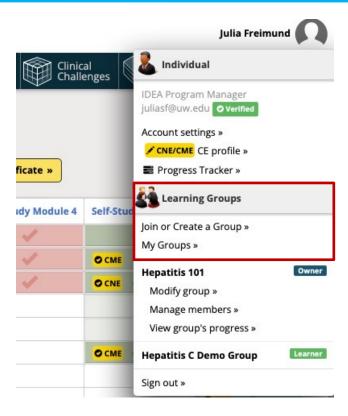


Why Online Learning Groups are Formed

- Train or onboard staff and residents by assigning selected topics
- Review group progress to track work, completions, and CE
- Implement a training plan across multiple locations
- Augment medical, nursing, pharmacy, dental and other healthcare professionals training programs

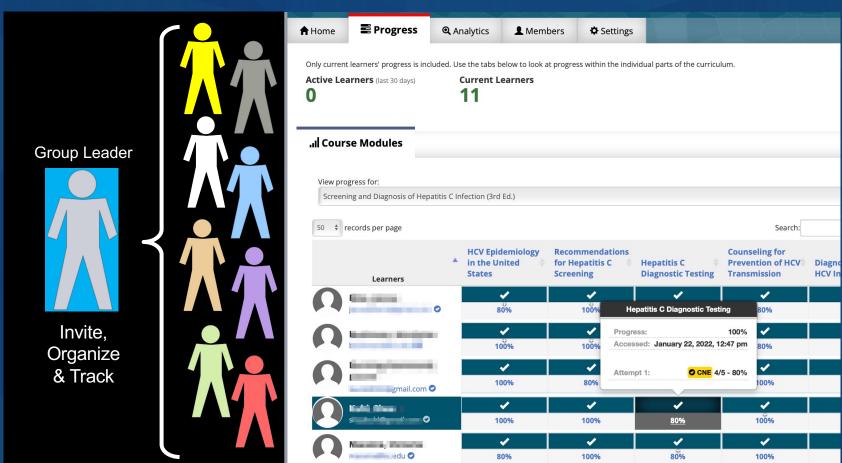


First Step to Form a Learning Group





Learning Groups: Invite, Organize, & Track



HCV Biology



Explore HCV Biology at www.hepatitisc.uw.edu

Hepatitis C Online's newest section, Hepatitis C Virus Biology, explores basic concepts related to the biology of hepatitis C virus (HCV). Knowledge of the HCV structure and life cycle, including how genetic material from the virus is turned into structural and non-structural proteins, is key in understanding the mechanism of the direct-acting antivirals (DAAs) used to treat HCV. This innovative new section offers:

1 10 patitio

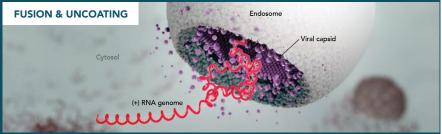
- High-resolution conceptual illustrations
- Clear, concise information about the structure, proteins, and life cycle
- Comprehensive references

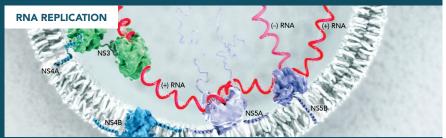
Hepatitis C Online is a free, comprehensive educational resource for diagnosing, monitoring, and managing HCV. The website features 33 lessons across 6 modules, an in-depth medications section, and 11 clinical calculators and tools.

Free CME credits, CNE contact hours, and pharmacology CE for advanced practice nurses.

HCV BIOLOGY EXAMPLES

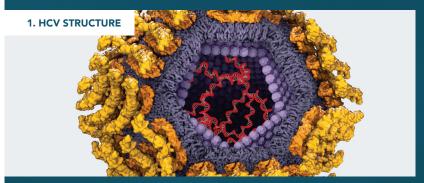


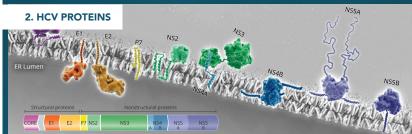




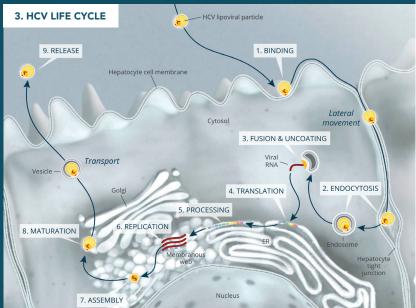
HCV Biology

EXPLORE THE HCV BIOLOGY SECTION (www.hepatitisc.uw.edu/biology)





- 1. Examine the different structural elements of the HCV virus.
- **2.** Discover details on the structure and function for all ten HCV proteins.



3. Navigate through the nine phases (from binding to release) with a tour of detailed images and concise descriptions about each major step in the HCV life cycle.

Funded through a Centers for Disease Control and Prevention Cooperative Agreement (CDC-RFA-PS16-1608) and developed by the National Hepatitis Training Center at the University of Washington (UW) and the UW Infectious Diseases Education and Assessment (IDEA) team.

Hepatitis B Online









Hepatitis B Primary Care Guidance





Clinical Challenges



Tools & Calculators



Mini-



Hepatitis B Online

A free educational website from the University of Washington Infectious Diseases Education & Assessment (IDEA) program



Funded by

Centers for Disease Control and Prevention (CDC)

HBV Medications

Prescribing Information **Clinical Studies** Slide Decks

Learn about medications to treat HBV »





Hepatitis B Online Lessons

HBV Epidemiology

Reviews United States and global HBV incidence and prevalence, populations at risk for HBV acquisition, and the clinical and laboratory criteria for HBV case definitions.

Quick Reference >

Rapidly access info about HBV Epidemiology

Self-Study 2nd Edition CNE/CME

Track progress and receive CE credit

HBV Screening and Diagnosis

Details the groups considered at priority for HBV testing, the recommended screening and diagnostic tests, and how to interpret HBV diagnostic test results.

Quick Reference >

Rapidly access info about Screening and Diagnosis

Self-Study CNE/CME

Track progress and receive CE credit

Learning Portal and Information Resource

Hepatitis B Online

HBV Medications

10 Lessons

Lessons

Hepatitis B Management

Primary Care Provider Guidance Tools and Calculators

11 Tools/ Calculators Clinical Challenges

> Will add more

HBV Vaccines

Medications

5 Vaccines

11 Free CME/CNE/CE7 Pharmacology CE for APNs& Certificates of Completion

Mini-Lectures

Will add more



Hepatitis B Online: Summary of CME Credit, CNE Contact Hours, CE Contact Hours, and Pharmacology CE for Advanced Practice Nurses as of 1/17/23

Hepatitis B Online Lesson	Lesson	CME/CNE/CE	Pharmacology CE for APNs
HBV Epidemiology	1	1.00	0.00
HBV Screening and Diagnosis *	2	1.00	0.00
HBV Immunizations	3	1.50	1.50
Initial Evaluations of Persons with Chronic Hepatitis B *	4	1.00	0.00
When to Initiate HBV Treatment	5	1.00	1.00
Choosing an Initial HBV Treatment Regimen	6	1.00	1.00
Preventing HBV Perinatal Transmission	7	1.50	1.50
Screening for Hepatocellular Carcinoma	8	1.00	0.00
Occupational HBV Postexposure Prophylaxis	9	1.00	1.00
Hepatitis B Reactivation in the Setting of Immunosuppression	10	1.00	1.00
Combined total for Lessons as of 1/17/23 11 CME/CNE/CE and 7 Pharmacology CE		11.00 CME/CNE/CE	7.00 Pharm CE

^{* - 2}nd Edition of this lesson will launch in 2/23



HBV Medications

Oral Antivirals (Nucleos(t)ide Analogues)

Adefovir

Hepsera

Prescribing Information » Clinical Trials »

Entecavir

Baraclude

Prescribing Information » Clinical Trials » References » Slide Deck »

Lamivudine

Epivir HBV

Prescribing Information » Clinical Trials »

References » Slide Deck »

Tenofovir alafenamide

Vemlidy

Prescribing Information » Clinical Trials »

References » Slide Deck »

Tenofovir DF

Viread

Prescribing Information » Clinical Trials »

References »

Slide Deck »

References »

Immune Modulators (Interferons)

Interferon alfa-2b

Intron A

Prescribing Information » Clinical Trials »

Peginterferon alfa-2a

Pegasys

Prescribing Information »

Clinical Trials »

HBV Vaccines

Vaccines (HBV)

Engerix-B

Engerix-B

Prescribing Information »
Clinical Trials »

References »

Heplisav-B

Heplisav-B

Prescribing Information »

Clinical Trials »

References »

Slide Deck »

PreHevbrio

PreHevbrio

Prescribing Information »

Clinical Trials » References »

Slide Deck »

Recombivax-HB

Recombivax-HB

Prescribing Information »

Clinical Trials » References »

Twinrix

Twinrix

Prescribing Information »

Clinical Trials »

References »

Mini-Lectures – NEW Section





Self Study >

Hepatitis B Primary Care Guidance



HBV Medications >







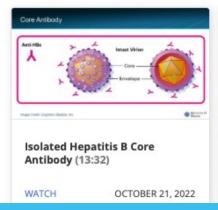
Mini-Lectures

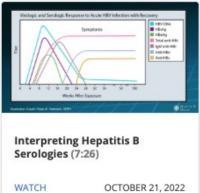
National Hepatitis B Curriculum Mini-Lectures

Experts discuss clinically relevant topics in concise lectures. New content will be added throughout the year. CE is not available.

No permission is required when distributing or adapting the images, figures, tables, and content for noncommercial purposes. For permission, please contact us.

Subscribe to these mini-lectures on our **YouTube** Channel @HBV_online!





Hepatitis B Management: Guidance for the Primary Care Provider

Developed by the Hepatitis B Primary Care Workgroup and produced in collaboration with the University of Washington Infectious Diseases Education & Assessment (IDEA) program.

♣ Download as PDF - 125KB

Tip: when using Reader View below, use navigation tools on the side (Page Flip) and below (Scroll, Zoom, Find, and Fullscreen).

or view it below

The purpose of this document is to provide simplified, up-to-date, and readily accessible guidance for primary care medical providers related to the prevention, diagnosis, and management of hepatitis B virus (HBV) infection, including hepatocellular carcinoma surveillance.

About the HBV Primary Care Workgroup

This guidance was developed by the Hepatitis B Primary Care
Workgroup, a multidisciplinary panel of national experts in the field of
viral hepatitis B, including representation from hepatology, infectious
diseases, pharmacy, primary care, public health, and other national
organizations. The workgroup was organized by the National Taskforce
on Hepatitis B in partnership with the San Francisco Hep B Free — Bay
Area and Project ECHO™ and did not receive any outside funding.



Hepatitis B Management: Guidance for the Primary Care Provider

TABLE OF CONTENTS

Chronic Hepatitis B Testing and Management Algorithm	2
■ Hepatitis B Virus (HBV) Serology Interpretation and Management	3
■ Initial Evaluation of the HBsAg(+) Patient	4
Counseling of the HBsAg(+) Patient	4
■ Management of the HBsAg(+) Patient	5
■ Preferred Antiviral Treatment of the HBsAg(+) Patient	6
■ Hepatocellular Carcinoma (HCC) Surveillance	7
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Chronic Hepatitis B Testing and Management Algorithm

Screen for chronic hepatitis B virus (HBV) infection with: > Hepatitis B surface antigen (HBsAg), and > Hepatitis B surface antibody (anti-HBs), and > Hepatitis B core antibody (anti-HBc): Total or IgG1 HBsAg(+) HBsAg(-) See HBV Evaluation, Counseling, See HBV Serology Interpretation Management, Treatment, and and Management HCC Surveillance (pages 4, 5, 6, 7) (page 3) If treatment If pregnant, see If prior HBV infection candidate, see If susceptible to HBV as Perinatal HBV as indicated by Preferred HBV indicated by anti-HBc(-) Management anti-HBc(+), counsel on Antiviral Treatment & anti-HBs(-), vaccinate HBV reactivation risk (page <u>8</u>) (page <u>6</u>)



¹ Do not include anti-HBc IgM in HBV screening panel unless suspect acute HBV.

Promotional Material





FREE CE Offered

IDEA Curricula	CME Credits/MOC Points CNE Contact Hours CE Contact Hours	Pharmacology CE for Advanced Practice Nurses
National HIV Curriculum hiv.uw.edu	97.50 97.50 Maintenance of Certification (MOC) Points	70.50
National STD Curriculum std.uw.edu	30.50 30.50 MOC	14.25
Hepatitis C Online hepatitisC.uw.edu	34.00	18.00
Hepatitis B Online hepatitisB.uw.edu	11.00	7.00





Free CME, CNE, Pharmacology CE, and CE

TWO FREE, up-to-date websites on how to diagnose, treat, and prevent hepatitis B and hepatitis C virus infection

Healthcare professionals and trainees visit these sites to:

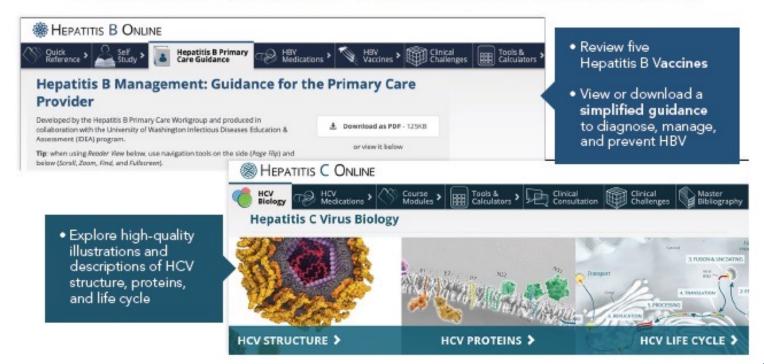
- Access self-study lessons, earn free CE, and track progress
- Search for current information or scan through the **quick reference** section
- Use 11 clinical screening tools and calculators to help with clinical decisions
- Review medications, examine clinical trials, and view/download slide decks
- Explore clinical challenges and learn how experts approach these scenarios
- Create a free online learning group to assign students or staff lessons, then track their progress or CE







THE UNIQUE FEATURES OF THESE SITES ALLOW VISITORS TO:







HEPATITIS C ONLINE

- FREE, up-to-date comprehensive educational resource for diagnosing, monitoring, and managing hepatitis C virus infection (HCV)
- FREE CME credits and CNE contact hours for 34 lessons, pharmacology CE for advanced practice nurses, and CE contact hours available
- ⇒ Self-study or quick reference modules on the following topics:
 - · Screening and Diagnosis of Hepatitis C Infection
 - Evaluation, Staging, and Monitoring of Chronic Hepatitis C
 - Management of Cirrhosis-Related Complications
 - Evaluation and Preparation for Hepatitis C Treatment
 - · Treatment of Chronic Hepatitis C Infection
 - · Treatment of Key Populations and Unique Situations
- HCV Biology section features high-quality illustrations and detailed descriptions
 of HCV structure. HCV proteins, and the multiple steps in the HCV life cycle
- ➡ Eleven clinical calculators or tools provide clinical decision support
- HCV Medications section that includes in-depth information on direct-acting antiviral medications, including prescribing info, clinical studies, and slide decks
- ➡ Interactive Clinical Challenges provide treatment options and expert opinions
- Innovative group learning tool to assign units and track members' progress
- Funded through a Centers for Disease Control and Prevention Cooperative Agreement (CDC-RFA-PS21-2105) and developed by the University of Washington (UW) Infectious Diseases Education and Assessment (IDEA) Program
- UW Professor of Medicine Dr. David Spach is Editor-in-Chief of this site, the CDC-funded Hepatitis B Online (www.hepatitisB.uw.edu), the CDC-funded National STD Curriculum (www.std.uw.edu), and the HRSA-funded National HIV Curriculum (www.hiv.uw.edu).

Hepatitis C Online (www.hepatitisC.uw.edu)



HEPATITIS B ONLINE

- FREE, up-to-date educational resource for diagnosing, monitoring, managing, and preventing hepatitis B virus infection (HBV)
- ➡ Self-study lessons offer FREE CME credits, CNE contact hours, pharmacology CE for advanced practice nurses, and CE contact hours available
- Hepatitis B Management: Guidance for the Primary Care Provider, simplified and current, was developed by a multidisciplinary panel of national experts
- Eleven clinical calculators or tools provide clinical decision support
- → HBV Medications and Vaccinations section include in-depth information on prescribing, clinical studies, and slide decks
- → Interactive Clinical Challenges provide treatment options and expert opinions.
- → Experts discuss clinically relevant topics in Mini-Lectures section
- Innovative group learning tool to assign units and track members' progress –
 a popular feature used by healthcare organizations and training programs
- Funded through a Centers for Disease Control and Prevention Cooperative Agreement (CDC-RFA-PS21-2105), Hepatitis B Online is managed by the University of Washington (UW) Infectious Diseases Education and Assessment (IDEA) program
- UW Professor of Medicine Dr. David Spach is Editor-in-Chief of this site, the CDC-funded Hepatitis C Online (www.hepatitisC.uw.edu), the CDC-funded National STD Curriculum (www.std.uw.edu), and the HRSA-funded National HIV Curriculum (www.hiv.uw.edu).

Hepatitis B Online (www.hepatitisB.uw.edu)

Acknowledgments

Hepatitis C Online is funded by a cooperative agreement from the Centers for Disease Control and Prevention (CDC-RFA- PS21-2105). This project is led by the University of Washington Infectious Diseases Education and Assessment (IDEA) Program.





