

HCV infection

• Anti-HCV positive

• HCV RNA positive

Canadian (CASL)

Hepatitis C

Guidelines

BC Centre for Disease Control

Provincial Health Services Authority

Hepatitis C Treatment Guide

Quick Reference Guide for Health Care Providers

History/Physical Exam

- Prior HCV treatment
- Assess for chronic liver disease, extrahepatic manifestations*
- · Alcohol, drug use
- Assess need for opioid substitution therapy (OAT)
- · Fatty liver disease

Labs - baseline

- CBC
- Liver enzymes (ALT/AST/ALP)
- LFT's (bilirubin, albumin)
- Creatinine
- · Fibroscan, if available
- HAV, HBV & HIV status
- Rule out pregnancy

Fibrosis Assessment

- Suggestive of cirrhosis:
 - o APRI > 1.0; FIB-4 score > 3.25
 - o FibroScan > 12.5 kPa
 - Other findings (e.g.,nodularity or splenomegaly on imaging)
 - Platelet count <150,000/mm³
 - o Prior liver biopsy result
- Minimal fibrosis: APRI<0.7; FIB4 < 1.45



HEP Drug Interaction Checker

Do you need to consult with or refer to a specialist? Consider if:

- Cirrhosis present or suspected
- Prior HCV treatment

Dose

3 pills/day

with food

1 pill/day

- · Co-infection with HBV or HIV
- Renal impairment (≥ stage 3: eGFR < 60)
- Known/suspect hepatocellular carcinoma
- · Complex drug interactions



Regimen

MAVIRET

Glecaprevir/Pibrentasvir

100mg/400mg

EPCLUSA

Sofosbuvir/Velpatasvir

400mg/100mg

NO

Duration

8-12 weeks

12 weeks

All genotypes, no cirrhosis

YES

BC Hep C Network

RACE

Treat and manage as per specialist

Additional follow-up may include:

- HCC ultrasound surveillance every 6 months
- Annual screening for esophageal varices

Consult with or refer to a specialist

BC Hep C Network

RACE

12 weeks post-treatment

- HCV RNA (SVR-12)
- Liver enzymes and LFT's

Abnormal liver enzymes Evaluate for other causes

No SVR12 Evaluate for adherence issues, treatment failure or reinfection

SVR-12 (HCV RNA negative) = CURED!

- · Annual HCV RNA if ongoing risks
- · Risk reduction counselling
- * Assessment can include: ascites, jaundice, peripheral edema, hepatomegaly, splenomegaly and palmar erythema
- Ω Treatment not recommended if pregnant or breast-/chest-feeding