Recheck viral load 24 weeks after stopping therapy and TSH, glucose, etc….

Box A – Pre-treatment Screening

**PRIMARY**

* HCV genotype
* HCV viral load
* Hepatitis A and B screening
* Hepatitis A and B vaccines (if indicated)
* Alcohol use
* PT and INR
* TSH – thyroid stimulating hormone
* Urinalysis
* Feritin, iron and TIBC
* Pregnancy test – x 2
* CBC
* CMP – fasting for glucose

**SECONDARY**

* Weight and Body Mass Index (BMI)
* Blood pressure
* Lipids
* HIV 1RNA QA - HIV Viral load
* CD4 absolute and percentage
* HAART Regimen
* PHQ9
* EKG
* Eye exam

Recheck HCV viral load annually or rule out false positive

Stop therapy OR assess adherence and individualize further treatment

Consider waiting for new drugs

Biopsy in 12 months

Might need drug therapy unless infection is long standing

Stage 4

Stage 2-3

Stage 1

Box B – Contraindications

**ABSOLUTE**

* Major psych history
* Women who are pregnant
* Actively drinking
* Men whose partner is pregnant

**RELATIVE**

* Minor psych history
* Marrow toxic drugs
* Pre-existing kidney disease
* Uncontrolled CV or endocrine disorders
* Eye disorders
* CD4 count less than 200

Counsel, reassess as needed

**PCR negative and/or >2 log10 reduction in viral load**

**PCR positive and/or < 2 log10 reduction in HCV viral load**

Pre-treatment office visit

(See box C)

Contraindication for therapy?

(See box B)

Pre-treatment screening

(see box A)

HCV viral load and GT to determine active infection

HCV Ab test for all HIV infected patients

Appointment with Gastroenterologist

Consider liver biopsy

(See box D)

Continue treatment for a total of 48 weeks

Monitor and follow up

Monitoring and labs

Initiate treatment for 12 weeks (See box E)

Check annually OR HCV viral load if elevated LFTS

Yes

Yes

No

Positive

Positive

Box E – Routine Labs

**Week 1**

* CBC, CMP, pregnancy test, appointment

**Week 2**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score

**Week 4**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score
* Physical Exam
* ***HCV Viral Load***

**Week 8**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score
* Physical Exam

**Week 12**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score
* Physical Exam
* PT/INR and TSH
* ***HCV Viral Load***

**Week 16 and 20**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score

**Week 24**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score
* Physical Exam
* PT/INR and TSH
* ***HCV Viral Load***

**Week 28, 32, 36\*, 40, 42, 48🞋**

* CBC, CMP, pregnancy test, appointment
* Side effect assessment and compliance
* Depression score
* \*36 – TSH
* **🞋**48 – TSH and ***HCV Viral Load***

Talk to hepatologist and consider for transplant

Box D – Consider liver biopsy if it has been >5 yrs since last\*

*Call Radiology at 239-1550, fax records 239-1965*

* Patient wants it
* Comorbidities complicate treatment decisions
* CD4 count less than 200 cell/mm3
* Borderline compensated cirrhosis
* ALT is normal and patient wants treatment

\* Not necessary if GT is 2 or 3??

Box C – Pre-treatment Office Visit

* Mental health assessment
* Education
* Physical exam

HCV viral load undetectable – HCV infection cleared

Negative

Negative

No