Pre-work for Hepatitis C treatment

1. Visit one – if client interested in treatment:
   * Labs – all pre-treatment labs are in the lab module under the pull down entitled “HCV pre-treatment “. All are needed for treatment evaluation: AFP, CBC, CMP, HAV Ab, HBV Evaluation Profile, HCV viral load reflex genotype, HbA1c, HIV, PT/INR, TSH, Vitamin D
   * Immunizations – if not immune to Hep A/B – immunize, review and provide other routine immunizations if due.
   * Refer for ultrasound – if:
     + Not cirrhotic and no baseline US is available - OR -
     + Known cirrhosis, an last US is more than 6 months old
   * Perform depression screening
   * Assess for current alcohol and drug use – refer for substance abuse counseling if indicated
   * Document pertinent physical findings: palmar erythema, ascites, telangectasias, edema, jaundice, asterixis, gynecomastia, palpable spleen, liver exam
   * Review problem list to be sure all diagnoses are up to date reflecting Hepatitis status (genotype if known, how acquired, prior treatment, etc.) and complications (e.g. cirrhosis, encephalopathy, varices, etc.)
   * *Refer to K.Cassel for chart review consultation at any point after this step – I can perform below analysis, update notes, and follow-up with clients to initiate therapy.*
2. Chart review - assess for Cirrhosis – **if these suggest advanced fibrosis stop here and move on to step 4**
   * Calculate APRI score = <http://www.hepatitisc.uw.edu/page/clinical-calculators/apri> : score over 1 suggestive of cirrhosis, over 0.7 of significant fibrosis
   * Calculate FIB-4 = <http://www.hepatitisc.uw.edu/page/clinical-calculators/fib-4> : score over 3.25 suggestive of advanced fibrosis; under 1.45 advanced fibrosis unlikely
   * Enter genotype, APRI and FIB 4 into notes on problem list
3. APRI/FIB-4 do **not** suggest cirrhosis/advanced fibrosis:
   * Check Fibrosure test – this will give you a fibrosis score – 0.48 or higher (F2) generally required for authorization
   * If significant discrepancy in tests (e.g Fib 4 and APRI suggest no fibrosis and fibrosure suggests cirrhosis), review with project ECHO to see if biopsy indicated
4. Refer to K.Cassel (task) for treatment consultation if not previously done (if you aren’t treating)

Alaska Native Tribal Health Consortium is another great resource for client handouts, treatment agreements and algorithms:

<http://anthctoday.org/community/hep/providers/treatment/index.html>