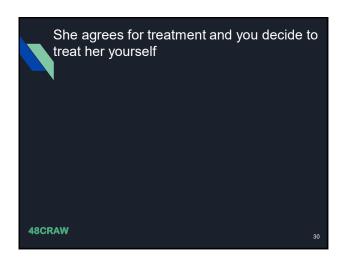
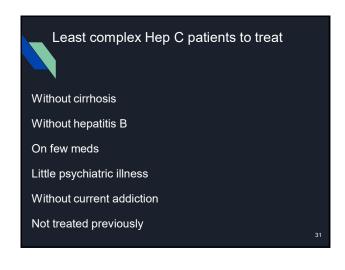


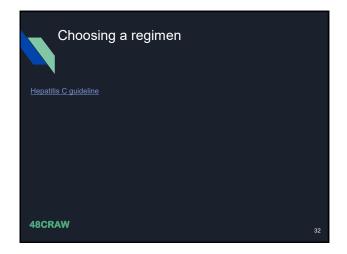
## Benefits of treatment of Hep C Reduced transmission Decreased fibrosis Decreased extrahepatic manifestations Decreased risk of cirrhosis and in turn decompensated cirrhosis Decreased risk of hepatocellular carcinoma Decreased 5 year mortality

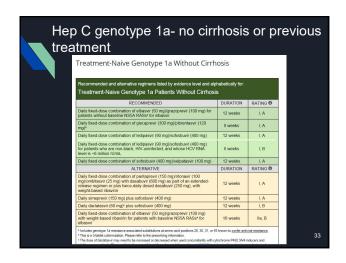
| Clinical outcomes by HCV treatment and response Clinical Outcomes by Response to Hepatitis C Treatment  |                                 |                      |              |  |
|---|---------------------------------|----------------------|--------------|--|
| Outcome   | Patients with SVR               | Patients without SVR | Hazard Ratio |  |
|   | Events per 10,000 Patient-Years |                      |              |  |
| Overall Death   | 71                              | 193                  | 0.44         |  |
| Liver-Related Death   | 36                              | 283                  | 0.14         |  |
| Non-Liver-Related<br>Death  | 36                              | 40                   | 1.21         |  |
| Liver Failure   | 0                               | 365                  | 0.03         |  |
| Hepatocellular<br>Carcinoma   | 107                             | 277                  | 0.46         |  |
| Source: Veldt BJ, Heathcote EJ, Wedemeyer H, et al. Sustained virologic response and clinical outcomes in patients with chronic hepatitis C and advanced fibrosis. Ann Intern Med. 2007;147:677-84. |                                 |                      |              |  |

| Reduction extrahepatic manifestations  |                                |                       |                    |  |  |
|--|--------------------------------|-----------------------|--------------------|--|--|
| Clinical Outcomes by HCV Treatment and Response  |                                |                       |                    |  |  |
| Outcomes   | No Treatment                   | Treatment without SVR | Treatment with SVR |  |  |
|  | Events per 1,000 Patient-Years |                       |                    |  |  |
| Mixed cryoglobulinemia   | 0.72                           | 0.52                  | 0.33               |  |  |
| Glomerulonephritis   | 2.83                           | 1.62                  | 1.09               |  |  |
| Porphyria cutanea tarda  | 0.52                           | 0.37                  | 0.16               |  |  |
| Lichen planus  | 0.68                           | 0.71                  | 0.56               |  |  |
| Non-Hodgkin's lymphoma   | 0.91                           | 0.55                  | 0.43               |  |  |
| Diabetes mellitus  | 21.6                           | 17.0                  | 13.9               |  |  |
| Coronary heart disease   | 1.01                           | 0.58                  | 0.75               |  |  |
| Stroke   | 9.14                           | 4.64                  | 5.10               |  |  |
| Source: Mahale P, Engels EA, Li R, et al. The effect of sustained virological response on the risk of extrahepatic manifestations of hepatitis C virus infection. Gut. 2018;67:553-61. |                                |                       |                    |  |  |

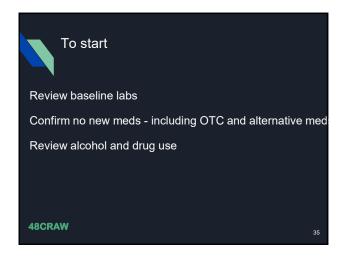


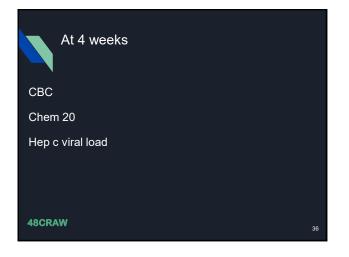


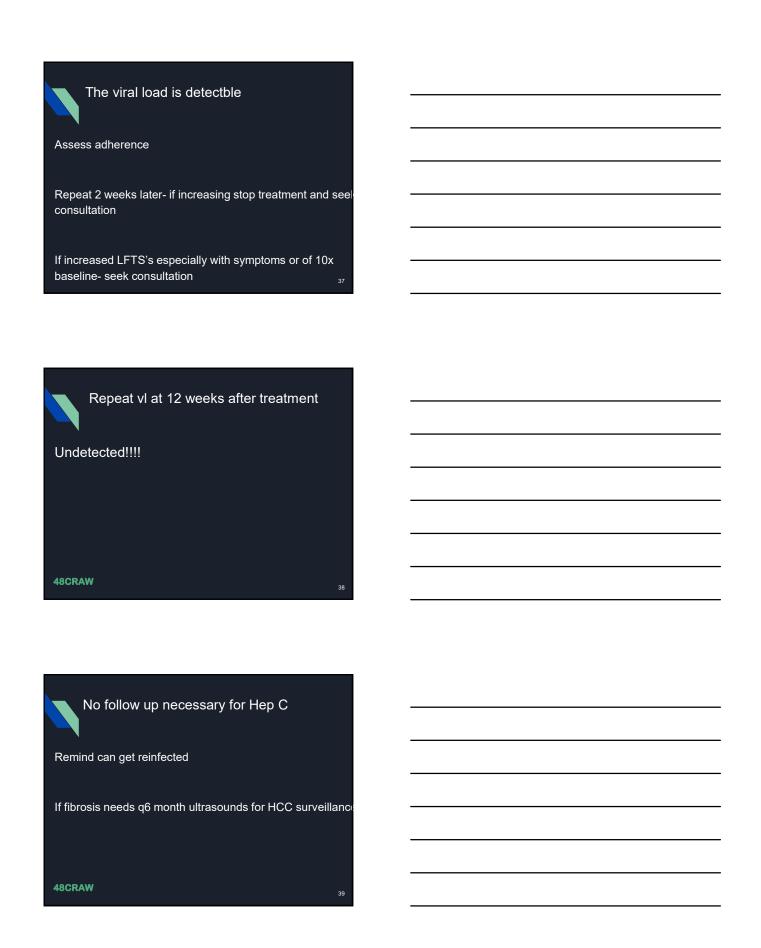












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| Resources  |  |
| <u>Hepatitis C Online</u> - University of Washington tutorial on hepatitis C |  |
| nopulatio o  |  |
| Hepatitis C guideline  |  |
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