Cirrhosis and Chronic Liver Disease:

**Clinical Problem**

The purpose of this study is to determine if providers have knowledge of HCC and variceal screening guidelines and if they implement screening and surveillance for patients with hepatic (HCC) and cirrhosis.

**Clinical Practice Question**

The PICO question assists in formulating questions and is a common template built questions (Schlosser et al., 2007). PICO was originally developed in public health. The AGREE Clinical Problem Formulation Section on systematic reviews of clinical treatment guidelines for HCC and variceal bleeding using a systematic review of literature. PICO helps in formulating questions.

**Purpose**

The purpose of this study is to determine if providers have knowledge of HCC and variceal screening guidelines and if they implement screening and surveillance for patients with hepatic (HCC) and cirrhosis.

**Theoretical Underpinnings**

- **Hepatitis C Patients with Cirrhosis in Primary Care Clinics: Implementing Evidence-Based Practice**
- **Evidence-based Practice Model**
- **Guideline Implementation Screening Procedures (p.5)**
- **Post-Guideline Implementation Screening Procedures (p.5)**
- **Review of Results**
- **Clinical Practice Implications**

**Evidence-based Practice Model**

- **Knowledge**:
  - Local, state, and national policies
  - Clinical guidelines
  - Systematic reviews

- **Evidence**:
  - Literature review
  - Systematic reviews
  - Meta-analyses

- **Facilitators**:
  - Support of initiative by section leader
  - Provider engagement
  - Provider activation

- **Barriers**:
  - Workload
  - Time constraints
  - Limited knowledge

**Methods**

- **Design**: Pre and post intervention design
- **Sample**: Hepatitis C patients with cirrhosis
- **Post-Guideline Implementation Screening Procedures (p.5)**
- **Pre-Guideline Implementation Screening Procedures (p.5)**

**Literature Review and Current Evidence**

- **Relevance of HCC and cirrhosis to veterans**
- **Current evidence on HCC and cirrhosis screening**

**Relevant Process Considerations**

- **Readiness for/Barriers to implementation of the Clinical guideline**
- **Technology Considerations**

**Ethics**

- **Informed consent**
- **Confidentiality**
- **Anonymous data collection**