

## **eAppendix 5. Hepatocellular Carcinoma (Quality Indicators and Timeliness Measures)**

### **Diagnosis, Treatment, and Management of HCC Cancer**

- DTM1: VA liver biopsy guidelines followed?
- DTM2: Staging prior to therapy recorded?
- DTM3: Check for portal HTN prior to initiation of therapy?
- DTM4: Use of intra operative US for resections?
- DTM5: Transplant referral for patients within MILAN criteria and candidate for OLTX?
- DTM6: Renal function evaluated prior to IR procedures time?
- DTM7: Pretreatment angio done in all cases prior to IR TX?
- DTM8: Patient evaluated within 2 weeks after IR ablation to evaluate for liver decomposition?
- DTM9: Radiology surveillance within 3 months after treatment completion?
- DTM10: Systemic therapy (sorafenib) for stage 3 evaluated?

### **Timeliness Measures**

#### **Diagnosis**

- T1: Time from PCP action to gastro consult placed
- T2: Time from gastro consult placed to gastro consult completed
- T3: Time from visualization study ordered to completed
- T4: Time from visualization study completed to diagnosis
- T5: Time from biopsy ordered to completed
- T6: Time from biopsy completed to diagnosis

#### **Workup/Staging**

- T7: Time from diagnosis to pre-treatment
- T8: Time from transplant recommendation to package submitted
- T9: Time from oncology consult ordered to consult completed

#### **Treatment**

- T10: Time from diagnosis to treatment (IR)
- T11: Time from treatment (IR) ordered to completed
- T12: Time from treatment (surgery) ordered to completed
- T13: Time from treatment completed to post treatment surveillance completed

#### **End of Life/Surveillance**

- T14: Time from palliative care ordered to completed
- T15: Time from post treatment surveillance ordered to completed