

**Initiation and Engagement of Alcohol and Other Drug Dependence Treatment:
(a) Initiation, (b) Engagement (NQF 0004)**

EMeasure Name	Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: (a) Initiation, (b) Engagement	EMeasure Id	Pending
Version Number	1	Set Id	Pending
Available Date	No information	Measurement Period	January 1, 20xx through December 31, 20xx
Measure Steward	National Committee for Quality Assurance		
Endorsed by	National Quality Forum		
Description	The percentage of adolescent and adult patients with a new episode of alcohol and other drug (AOD) dependence who initiate treatment through an inpatient AOD admission, outpatient visit, intensive outpatient encounter or partial hospitalization within 14 days of the diagnosis and who initiated treatment and who had two or more additional services with an AOD diagnosis within 30 days of the initiation visit.		
Measure scoring	Proportion		
Measure type	Process		
Rationale	There are more deaths, illnesses and disabilities from substance abuse than from any other preventable health condition. Treatment of medical problems caused by substance use and abuse places a huge burden on the health care system. According to a report from the 2001 National Household Survey on Drug Abuse (NHSDA), an estimated 16.6 million Americans aged 12 or older in 2001 were classified with dependence on or abuse of either alcohol or illicit drugs (7.3 percent of the total population). Of these, 2.4 million were classified with dependence on or abuse of both alcohol and illicit drugs, 3.2 million were dependent on or abused illicit drugs but not alcohol, and 11.0 million were dependent on or abused alcohol but not illicit drugs.(SAMHSA, 2002).		
Clinical Recommendation Statement	The identification of individuals with AOD (Alcohol and Other Drug) disorders is an important first step in the process of care. However, the identification of AOD disorders often does not routinely lead to the initiation of care. Reasons that an individual may not initiate treatment include the social stigma associated with AOD disorder, denial that there is an AOD problem, non-compliance to AOD treatment offered, or the lack of immediately available treatment services. This measure is designed to ensure that treatment is initiated once the need has been identified, and will permit comparison of effectiveness in initiating care. Treatment engagement is defined as an intermediate step between initially accessing care (in the first visit) and completing a full course of treatment. Numerous studies have indicated that individuals who remain in treatment longer have improved outcomes. However, a 1990 Drug Service Research Survey has		

	<p>suggested that many clients (52%) with AOD disorders leave treatment prematurely. This measure is seen as an important intermediate indicator that is closely related to outcomes. In fact, studies have tied the frequency and intensity of engagement as important in treatment outcomes and reducing drug-related illnesses.</p> <p>AOD problems left untreated, cause a significant burden that extends beyond individuals to their communities and to society. Empirical evidence links better outcomes to the identification and treatment of people with AOD disorders. This measure may influence performance by increasing screening for AOD problems in primary care settings and increasing communication between primary care and specialty providers. Moving forward, performance measures are needed to establish clear standards of accountability that, in turn, will lead to efforts to improve the quality of care for people with AOD disorders.</p>
Improvement notation	Higher score indicates better quality
Measurement duration	12 months
Reference	
Definition	

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Please refer to the spreadsheet for this measure for detail regarding data criteria and code lists.

Population criteria 1

- **Initial Patient Population =**
 - AND: “Patient characteristic: birth date” (age) ≥ 12 and ≤ 16 years before the “measurement period” to capture all patients who will reach ages 13 through 17 years during the “measurement period”;
 - AND:
 - OR: FIRST, “Diagnosis: alcohol or drug dependence” ≤ 1 year and ≥ 45 days before or simultaneously to the “measurement end date”;
 - DURING:
 - OR: “Encounter: encounter ED”;
 - OR: “Encounter: encounter non-acute inpatient”;

- OR: "Encounter: encounter acute inpatient";
- OR: "Encounter: encounter outpatient BH";
- OR: "Encounter: encounter outpatient BH req POS";
 - AND: "Encounter: encounter point of service modifier";
- OR: FIRST, "Encounter: encounter acute inpt" <= 1 year and >=45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
- OR: FIRST, "Encounter: encounter non-acute inpatient" <= 1 year and >=45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
- OR: FIRST, "Procedure performed: detoxification intervention" <= 1 year and >=45 days before or simultaneously to the "measurement end date";

- **Denominator =**

- AND: All patients in the initial patient population;
 - AND NOT: "Diagnosis: alcohol or drug dependence" BEFORE FIRST, "Diagnosis active: alcohol or drug dependence" <= 60 days;

- **Numerator 1=**

- AND:
 - OR: FIRST, "Encounter: encounter acute inpt" <= 1 year and >=45 days before or simultaneously to the "measurement end date" = "FIRST TREATMENT";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Encounter: encounter non-acute inpatient" <= 1 year and >=45 days before or simultaneously to the "measurement end date" = "FIRST TREATMENT";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: "Encounter: encounter non-acute inpatient" <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter acute inpatient" <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter outpatient BH"; <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter outpatient BH req POS" <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Encounter: encounter point of service modifier";
 - AND: "Diagnosis active: alcohol or drug dependence";

- **Numerator 2 =**

- COUNT >=2,
 - AND:

- OR: "Encounter: encounter non-acute inpatient" <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
- OR: "Encounter: encounter acute inpatient <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
- OR: "Encounter: encounter outpatient BH" " <= (30, "days") AFTER "FIRST TREATMENT";
- OR: "Encounter: encounter outpatient BH req POS" <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - AND: "Encounter: encounter point of service modifier";

- **Exclusions =**

- None;

Population criteria 2

- **Initial Patient Population =**

- AND: "Patient characteristic: birth date" (age) >=17 years before the "measurement period" to capture all patients who will reach age 18 years or greater during the "measurement period";
- AND:
 - OR: FIRST, "Diagnosis active: alcohol or drug dependence" <= 1 year and >=45 days before or simultaneously to the "measurement end date";
 - DURING:
 - OR: "Encounter: encounter ED";
 - OR: "Encounter: encounter non-acute inpatient";
 - OR: "Encounter: encounter acute inpatient";
 - OR: "Encounter: encounter outpatient BH";
 - OR: "Encounter: encounter outpatient BH req POS";
 - AND: "Encounter: encounter point of service modifier";
 - OR: FIRST, "Encounter: encounter acute inpt" <= 1 year and >=45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Encounter: encounter non-acute inpatient" <= 1 year and >=45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Procedure performed: detoxification intervention" <= 1 year and >=45 days before or simultaneously to the "measurement end date";

- **Denominator =**

- AND: All patients in the initial patient population;

- AND NOT: “Diagnosis active: alcohol or drug dependence” BEFORE FIRST, “Diagnosis active: alcohol or drug dependence” <= 60 days;

- **Numerator 1=**

- AND:
 - OR: FIRST, “Encounter: encounter acute inpt” <= 1 year and >=45 days before or simultaneously to the “measurement end date” = “FIRST TREATMENT”;
 - AND: “Procedure performed: alcohol, drug rehab and detox interventions”;
 - OR: FIRST, “Encounter: encounter non-acute inpatient” <= 1 year and >=45 days before or simultaneously to the “measurement end date” = “FIRST TREATMENT”;
 - AND: “Procedure performed: alcohol, drug rehab and detox interventions”;
 - OR: “Encounter: encounter non-acute inpatient” <=(14, “days”) AFTER FIRST, “Diagnosis active: alcohol or drug dependence” = “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter acute inpatient” <=(14, “days”) AFTER FIRST, “Diagnosis active: alcohol or drug dependence” = “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter outpatient BH”; <=(14, “days”) AFTER FIRST, “Diagnosis active: alcohol or drug dependence” = “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter outpatient BH req POS” <=(14, “days”) AFTER FIRST, “Diagnosis active: alcohol or drug dependence” = “FIRST TREATMENT”;
 - AND: “Encounter: encounter point of service modifier”;
 - AND: “Diagnosis active: alcohol or drug dependence”;

- **Numerator 2 =**

- COUNT >=2,
 - AND:
 - OR: “Encounter: encounter non-acute inpatient” <= (30, “days”) AFTER “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter acute inpatient <= (30, “days”) AFTER “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter outpatient BH ” <= (30, “days”) AFTER “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - OR: “Encounter: encounter outpatient BH req POS” <= (30, “days”) AFTER “FIRST TREATMENT”;
 - AND: “Diagnosis active: alcohol or drug dependence”;
 - AND: “Encounter: encounter point of service modifier”;

- **Exclusions =**

- None;

Population criteria 3

- **Initial Patient Population =**

- AND: "Patient characteristic: birth date" (age) ≥ 12 before the "measurement period" to capture all patients who will reach age 13 years or greater during the "measurement period";
- AND:
 - OR: FIRST, "Diagnosis active: alcohol or drug dependence" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date";
 - DURING:
 - OR: "Encounter: encounter ED";
 - OR: "Encounter: encounter non-acute inpatient";
 - OR: "Encounter: encounter acute inpatient";
 - OR: "Encounter: encounter outpatient BH";
 - OR: "Encounter: encounter outpatient BH req POS";
 - AND: "Encounter: encounter point of service modifier";
 - OR: FIRST, "Encounter: encounter acute inpt" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Encounter: encounter non-acute inpatient" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Procedure performed: detoxification intervention" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date";

- **Denominator =**

- AND: All patients in the initial patient population;
 - AND NOT: "Diagnosis active: alcohol or drug dependence" BEFORE FIRST, "Diagnosis active: alcohol or drug dependence" ≤ 60 days;

- **Numerator 1=**

- AND:
 - OR: FIRST, "Encounter: encounter acute inpt" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date" = "FIRST TREATMENT";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: FIRST, "Encounter: encounter non-acute inpatient" ≤ 1 year and ≥ 45 days before or simultaneously to the "measurement end date" = "FIRST TREATMENT";
 - AND: "Procedure performed: alcohol, drug rehab and detox interventions";
 - OR: "Encounter: encounter non-acute inpatient" $\leq (14, \text{"days"})$ AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter acute inpatient" $\leq (14, \text{"days"})$ AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";

- OR: "Encounter: encounter outpatient BH"; <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter outpatient BH req POS" <=(14, "days") AFTER FIRST, "Diagnosis active: alcohol or drug dependence" = "FIRST TREATMENT";
 - AND: "Encounter: encounter point of service modifier";
 - AND: "Diagnosis active: alcohol or drug dependence";
- **Numerator 2 =**
 - COUNT >=2,
 - AND:
 - OR: "Encounter: encounter non-acute inpatient" <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter acute inpatient <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - OR: "Encounter: encounter outpatient BH" " <= (30, "days") AFTER "FIRST TREATMENT";
 - OR: "Encounter: encounter outpatient BH req POS" <= (30, "days") AFTER "FIRST TREATMENT";
 - AND: "Diagnosis active: alcohol or drug dependence";
 - AND: "Encounter: encounter point of service modifier";
- **Exclusions =**
 - None;

Data criteria (QDS Data Elements)

Initial Patient Population =

- "Patient characteristic: birth date" using "birth date code list" before the beginning of the "measurement period";
- "Diagnosis active: alcohol or drug dependence" using "alcohol or drug dependence code list grouping";
-
- "Encounter: encounter ED" using "encounter ED code list";
- "Encounter: encounter non-acute inpatient" using "encounter non-acute inpatient code list";
- "Encounter: encounter acute inpatient" using "encounter acute inpatient code list";
- "Encounter: encounter outpatient BH" using "encounter outpatient BH code list";
- "Encounter; encounter outpatient BH req POS" using "encounter outpatient BH req POS code list";
- "Encounter: encounter point of service modifier" using "encounter point of service modifier code list";

- “Procedure performed: alcohol, drug rehab and detox interventions” using “alcohol, drug rehab and detox interventions code list grouping”;
- “Procedure performed: detoxification intervention” using “detoxification intervention code list grouping”;

Denominator =

- All patients in the initial population;
- “Diagnosis active: alcohol or drug dependence” using “alcohol or drug dependence code list grouping”;

Numerator =

- “Diagnosis active: alcohol or drug dependence” using “alcohol or drug dependence code list grouping”;
- “Procedure performed: alcohol, drug rehab and detox interventions” using “alcohol, drug rehab and detox interventions code list grouping”;
- “Encounter: encounter non-acute inpatient” using “encounter non-acute inpatient code list”;
- “Encounter: encounter acute inpatient” using “encounter acute inpatient code list”;
- “Encounter: encounter outpatient BH” using “encounter outpatient BH code list”;
- “Encounter; encounter outpatient BH req POS” using “encounter outpatient BJ req POS code list”;
- “Encounter: encounter point of service modifier” using “encounter point of service modifier code list”;

Exclusions=

- None;

Summary calculation

Calculation is generic to all measures:

Calculate the final denominator by adding all that meet denominator criteria.

Subtract from the final denominator all that do not meet numerator criteria yet also meet exclusion criteria. Note some measures do not have exclusion criteria.

The performance calculation is the number meeting numerator criteria divided by the final denominator.

For measures with multiple patient populations, repeat this process for each patient population and report each result separately.

For measures with multiple numerators, calculate each numerator separately within each population using the paired exclusion.



Measure set	CLINICAL QUALITY MEASURE SET 2011-2012
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