

## Text Description for PCPI eSpecification

<b>Clinical Topic</b>	<b>Maternity Care</b>
<b>Measure Title</b>	<b>Prenatal Care Screening</b>
<b>Measure #</b>	<b>MC-2</b>
<b>Measure Description</b>	Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)
<b>Measurement Period</b>	12 consecutive months
<b>Initial Patient Population</b>	All patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care
<b>Denominator Statement</b>	Equals Initial Patient Population
<b>Denominator Exclusions</b>	Patients who have an active diagnosis of diabetes (2b), hepatitis B (2d), HIV (2e), or AIDS (2e); or a positive screening for group b streptococcus (2f); or a previous diagnosis of group b streptococcus infection (2f) or GBS infection of infant (2f)
<b>Numerator Statement</b>	<p>Patients who received the following screening tests during the prenatal period within the specified time frames:</p> <ul style="list-style-type: none"> <li>• 2a) Screening for neural tube defects: <ul style="list-style-type: none"> <li>○ Screening using Maternal Serum alpha-fetoprotein Screen (MSAFP) between weeks 15-20 weeks gestation</li> <li>OR by ultrasound after 16 weeks gestation</li> </ul> </li> <li>• 2b) Screening for Gestational Diabetes before or at 28 weeks (<i>patients with a diagnosis of Diabetes are excluded</i>)</li> <li>• 2c) Screening for Asymptomatic Bacteriuria before or at 16 weeks gestation</li> <li>• 2d) Hepatitis B specific antigen screening at first visit (<i>patients with documented immunity to Hepatitis B or active Hepatitis B are excluded</i>)</li> <li>• 2e) HIV screening at first visit (<i>patients with a diagnosis of HIV are excluded</i>)</li> <li>• 2f) Group B streptococcus screening (GBS) at 35 to 37 weeks (<i>patients with previously diagnosed GBS OR a prior baby that was infected are excluded</i>)</li> </ul> <p><i>*To satisfactorily meet the numerator – ALL components must be performed.</i></p>
<b>Denominator Exceptions</b>	None

**MATERNITY CARE**  
**Data Requirements for PCPI eSpecification**

**Measure #2(a) : Prenatal Care Screening-Screening for Neural Tube Defects**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a "look back period". The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks;		
Denominator	Equals Initial Patient Population						
Denominator Exclusions	None						
Numerator	Laboratory Test	Laboratory Test, Result	Maternal Serum Alpha-Fetoprotein Screen (MSAFP)	GROUPING LOINC	2.16.840.1.113883.3.526.3.1348 2.16.840.1.113883.3.526.2.1420	during [Physical Exam, Finding: Gestational Age >= 15 and <= 20 weeks] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Maternal Serum Alpha-Fetoprotein Screen (MSAFP)'. The concept of "Present "X" is intended to mean that any result would meet the measure.
	Diagnostic Study	Diagnostic Study, Result	Obstetrical Ultrasound, Second Trimester	GROUPING LOINC	2.16.840.1.113883.3.526.3.1381 2.16.840.1.113883.3.526.2.1435	during [Physical Exam, Finding: Gestational Age > 16 weeks] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	
	Diagnostic Study	Diagnostic Study, Result	Obstetrical Ultrasound, Third Trimester	GROUPING LOINC	2.16.840.1.113883.3.526.3.1382 2.16.840.1.113883.3.526.2.1476	during [Physical Exam, Finding: Gestational Age > 16 weeks] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	
	Attribute	Attribute: Status	Final Report	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1201 2.16.840.1.113883.3.526.02.796	n/a	This attribute is applied to value set titled 'Obstetrical Ultrasound, Second Trimester' and 'Obstetrical Ultrasound, Third Trimester'.
	Attribute	Attribute: Result	Absence of Neural Tube Defect	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1403 2.16.840.1.113883.3.526.2.1507	n/a	This attribute is applied to value set titled 'Obstetrical Ultrasound, Second Trimester' and 'Obstetrical Ultrasound, Third Trimester' to indicate that the result must be found on the 'Final Report'.
	Attribute	Attribute: Result	Presence of Neural Tube Defect	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1404 2.16.840.1.113883.3.526.2.1508	n/a	This attribute is applied to value set titled 'Obstetrical Ultrasound, Second Trimester' and 'Obstetrical Ultrasound, Third Trimester' to indicate that the result must be found on the 'Final Report'.
Denominator Exceptions	No Valid Denominator Exceptions						

\*The Quality Data Model (QDM), Version 2.1, was developed by National Quality Forum (NQF).

**MATERNITY CARE**  
**Data Requirements for PCPI eSpecification**

**Measure #2(b) : Prenatal Care Screening-Screening for Gestational Diabetes**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a "look back period". The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks;		
Denominator	Equals Initial Patient Population						
Denominator Exclusions	Condition / Diagnosis / Problem	Diagnosis, Active	Diabetes Mellitus	GROUPING ICD-9-CM ICD-10-CM SNOMED-CT	2.16.840.1.113883.3.526.3.1349 2.16.840.1.113883.3.526.2.1421 2.16.840.1.113883.3.526.2.1422 2.16.840.1.113883.3.526.2.1423	starts before or during measurement period	Patients with a confirmed 'active' diagnosis of Diabetes would not require an additional gestational diabetes screening; these patients would be <u>excluded</u> from the measure population.
Numerator	Laboratory Test	Laboratory Test, Result	Gestational Diabetes Screening	GROUPING LOINC	2.16.840.1.113883.3.526.3.1350 2.16.840.1.113883.3.526.2.1424	during [Physical Exam, Finding: Gestational Age <= 28 weeks] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This value set will include: Fasting Glucose Test, 2-Hour Postprandial Glucose Test, Oral Glucose Tolerance Test (OGTT), 1-Hour Glucose Screen or a hemoglobin A1c level. At least one of the listed tests must be performed to meet this data element.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Diabetes Screening'
Denominator Exceptions	No Valid Denominator Exceptions						

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**Measure #2(c) : Prenatal Care Screening-Screening for Asymptomatic Bacteriuria**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a 'look back period'. The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks;		
Denominator	Equals Initial Patient Population						
Denominator Exclusions	None						
Numerator	Laboratory Test	Laboratory Test, Result	Screening for Asymptomatic Bacteriuria	GROUPING LOINC	2.16.840.1.113883.3.526.3.1351 2.16.840.1.113883.3.526.2.1425	during [Physical Exam, Finding: Gestational Age <= 16 weeks] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This value set will contain LOINC codes for urine culture.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Screening for Asymptomatic Bacteriuria'. The concept of "Present "X" is intended to mean that any result would meet the measure.
Denominator Exceptions	No Valid Denominator Exceptions						

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**MATERNITY CARE  
Data Requirements for PCPI eSpecification**

**Measure #2(d) : Prenatal Care Screening- Screening for Hepatitis B**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a 'look back period'. The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
	Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks	
Denominator	Equals Initial Patient Population						
Denominator Exclusions	Medication	Medication, Administered	Hepatitis B Vaccine	GROUPING CVX	2.16.840.1.113883.3.526.03.1222 2.16.840.1.113883.3.526.02.1260	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	Patients who have received the Hepatitis B Vaccine prior to the prenatal visit would not require Hepatitis B Screening; these patients would be excluded from the measure population.
	Procedure	Procedure, Performed	Hepatitis B Vaccination	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.03.658 2.16.840.1.113883.3.526.02.655 2.16.840.1.113883.3.526.02.1263	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	Patients who have received a Hepatitis B Vaccination prior to the prenatal visit would not require Hepatitis B Screening; these patients would be excluded from the measure population.
	Laboratory Test	Laboratory Test, Result	Anti-HBs Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1220 2.16.840.1.113883.3.526.02.667	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	Anti-HBe Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1218 2.16.840.1.113883.3.526.02.668	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	Anti-HBc(IgG) Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1215 2.16.840.1.113883.3.526.02.669	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	HBsAg Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1221 2.16.840.1.113883.3.526.02.670	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	Anti-HBc(IgM) Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1216 2.16.840.1.113883.3.526.02.671	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	HBeAg Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1219 2.16.840.1.113883.3.526.02.672	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Laboratory Test	Laboratory Test, Result	Anti-HBc Core (IgG and IgM) Laboratory Test	GROUPING LOINC	2.16.840.1.113883.3.526.03.1217 2.16.840.1.113883.3.526.02.673	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	These patients will be applied as a denominator exclusion.
	Attribute	Attribute: Result	Positive	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1210 2.16.840.1.113883.3.526.02.8502	n/a	This attribute can be applied to value set titled 'Anti-HBs Laboratory Test', 'Anti-HBe Laboratory Test', 'Anti-HBc(IgG) Laboratory Test', 'HBsAg Laboratory Test', 'Anti-HBc(IgM)', 'HBeAg', 'Anti-HBc Core (IgG and IgM)'.
	Condition / Diagnosis / Problem	Diagnosis, Active	Hepatitis B Infection	GROUPING ICD-9-CM ICD-10-CM SNOMED-CT	2.16.840.1.113883.3.526.3.1352 2.16.840.1.113883.3.526.2.1426 2.16.840.1.113883.3.526.2.1427 2.16.840.1.113883.3.526.2.1428	starts before start of FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	Patients with a confirmed diagnosis of Hepatitis B would not require additional Hepatitis B laboratory screening; these patients would be excluded from the measure population.
Numerator	Laboratory Test	Laboratory Test, Result	Hepatitis B Screening	GROUPING LOINC	2.16.840.1.113883.3.526.3.1353 2.16.840.1.113883.3.526.2.1429	during FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute: stop datetime: Date of Delivery]	LN - 5195-3 : Hepatitis B virus surface Ag [Presence] in Serum
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Hepatitis B Screening'
Denominator Exceptions	No Valid Denominator Exceptions						

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**MATERNITY CARE**  
Data Requirements for PCPI eSpecification

**Measure #2(e) : Prenatal Care Screening-Screening for HIV**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a "look back period". The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks		
Denominator	Equals Initial Patient Population						
Denominator Exclusions	Condition / Diagnosis / Problem	Diagnosis, Active	HIV or AIDS Infection	GROUPING ICD-9-CM ICD-10-CM SNOMED-CT	2.16.840.1.113883.3.526.3.1354 2.16.840.1.113883.3.526.2.1430 2.16.840.1.113883.3.526.2.1431 2.16.840.1.113883.3.526.2.1432	starts before or during measurement period	Patients with a confirmed diagnosis of HIV would not require additional laboratory screening; these patients would be <b>excluded</b> from the measure population.
	Condition / Diagnosis / Problem	Diagnosis, Inactive	HIV or AIDS Infection	GROUPING ICD-9-CM ICD-10-CM SNOMED-CT	2.16.840.1.113883.3.526.3.1354 2.16.840.1.113883.3.526.2.1430 2.16.840.1.113883.3.526.2.1431 2.16.840.1.113883.3.526.2.1432	starts before or during measurement period	Patients with a confirmed diagnosis of HIV would not require additional laboratory screening; these patients would be <b>excluded</b> from the measure population.
Numerator	Laboratory Test	Laboratory Test, Result	HIV Screening	GROUPING LOINC	2.16.840.1.113883.3.526.3.1355 2.16.840.1.113883.3.526.2.1433	during FIRST [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'HIV Screening'
Denominator Exceptions	No Valid Denominator Exceptions						

**MATERNITY CARE**  
Data Elements for PCPI eSpecification

**Measure #2(f) : Prenatal Care Screening-Screening for Group B streptococcus**

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Physical Exam	Physical Exam, Finding	Gestational Age	GROUPING LOINC	2.16.840.1.113883.3.526.3.1347 2.16.840.1.113883.3.526.2.1419	during EACH [Encounter, Performed: Prenatal Visit] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This data element is collected in the denominator because it is necessary for the constraints on timing for all numerator quality actions. Gestational age, in weeks, should be documented at each visit.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Gestational Age'. This attribute is to capture that a numerical value is present.
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Procedure	Procedure, Performed	Cesarean Section Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1342 2.16.840.1.113883.3.526.2.1413 2.16.840.1.113883.3.526.2.1414	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery" or "Procedure, Performed: Cesarean Section Delivery" collected for the purpose of a 'look back period'. The delivery is the trigger for the measure and the numerator quality actions will be limited to 44 weeks prior to delivery to associate the action with the reporting pregnancy.
	Encounter	Encounter, Performed	Prenatal Visit	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1264 2.16.840.1.113883.3.526.02.338	starts before start of [Procedure, Performed: Vaginal Delivery] <= 44 weeks; starts before start of [Procedure, Performed: Cesarean Section Delivery] <= 44 weeks	
Denominator	Equals Initial Patient Population						
Denominator Exclusions	Condition / Diagnosis / Problem	Diagnosis, Inactive	Group B Streptococcus Infection	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.3.1356 2.16.840.1.113883.3.526.2.1436	starts before or during measurement period > 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	This is to capture a prior pregnancy complicated by GBS; those with a prior complication would not require screening. These patients will be applied as a denominator <b>exclusion</b> .
	Laboratory Test	Laboratory Test, Result	Screening for Group B Streptococcus	GROUPING LOINC	2.16.840.1.113883.3.526.3.1357 2.16.840.1.113883.3.526.2.1437	starts before or during measurement period > 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	These patients will be applied as a denominator <b>exclusion</b> .
	Attribute	Attribute: Result	Positive	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.03.1210 2.16.840.1.113883.3.526.02.8502	n/a	This attribute can be applied to value set titled 'Group B Streptococcus Screening' when is > 44 weeks prior to [Attribute, stop datetime: Date of Delivery].
	Condition / Diagnosis / Problem	Diagnosis, Inactive	Group B Streptococcus Infection of Infant	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.3.1358 2.16.840.1.113883.3.526.2.1440	starts before or during measurement period > 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	405633009 Streptococcus group B infection of the infant. These patients will be applied as a denominator exclusion.
Numerator	Laboratory Test	Laboratory Test, Result	Screening for Group B Streptococcus	GROUPING LOINC	2.16.840.1.113883.3.526.3.1357 2.16.840.1.113883.3.526.2.1437	during [Physical Exam, Finding: Gestational Age (>= 35 weeks) and (<= 37 weeks)] <= 44 weeks prior to [Attribute, stop datetime: Date of Delivery]	
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute can be applied to value set titled 'Group B Streptococcus Screening' when occurs <= 44 weeks from [Attribute, stop datetime: Date of Delivery]
Denominator Exceptions	No Valid Denominator Exceptions						

\*The Quality Data Model (QDM), Version 2.1, was developed by National Quality Forum (NQF).

**Measure Performance Rate Calculation:**

$$\frac{N}{(D - EXCL - EXCEP)} = \text{Performance Rate}$$

**(D- EXCL – EXCEP)**

The PCPI strongly recommends that exception rates also be computed and reported alongside performance rates as follows:

**Measure Exception Rate Calculation:**

$$\frac{EXCEP}{(D - EXCL)} = \text{Exception Rate}$$

**Exception Types:**

EXCEP= E1 (Medical Exceptions) + E2 (Patient Exceptions) + E3 (System Exceptions)

**For patients who have more than one valid exception, only one exception should be counted when calculating the exception rate.**

<p><b>Initial Patient Population (IPP)</b></p> <p><b>Definition:</b> The group of patients that a set of performance measures is designed to address; usually focused on a specific clinical condition (e.g., coronary artery disease, asthma). For example, a patient aged 18 years and older with a diagnosis of CAD who has at least 2 visits during the measurement period.</p>	<p><b>Denominator (D)</b></p> <p><b>Definition:</b> The specific group of patients for inclusion in a specific performance measure based on specific criteria (e.g., patient's age, diagnosis, prior MI). In some cases, the denominator may be identical to the initial patient population.</p>	<p><b>Exclusions (EXCL)</b></p> <p><b>Definition:</b> The specific group of patients who should be subtracted from the measure population and denominator before determining if the numerator criteria are met.</p>	<p><b>Numerator (N)</b></p> <p><b>Definition:</b> The group of patients in the denominator for whom a process or outcome of care occurs (e.g., flu vaccine received).</p>	<p><b>Exceptions (EXCEP)</b></p> <p><b>Definition:</b> The valid reasons why patients who are included in the denominator population did not receive a process or outcome of care (described in the numerator). Patients may have Exceptions for medical reasons (e.g., patient has an egg allergy so they did not receive flu vaccine); patient reasons (e.g., patient declined flu vaccine); or system reasons (e.g., patient did not receive flu Vaccine due to vaccine shortage). These cases are subtracted from the denominator population for the performance calculation, however the number of patients with valid exceptions should be calculated and reported. This group of patients constitutes the Exception reporting population – patients for whom the numerator was not achieved and a there is a valid Exception.</p>
<p>Find the patients who meet the Initial Patient Population criteria (IPP)</p>	<p>Find the patients who qualify for the Denominator (D): From the patients within the Patient Population criteria (IPP) select those people who meet Denominator selection criteria.  (In some cases the IPP and D are identical).</p>	<p>Find the patients who qualify for the Exclusion: (EXCL): From the patients within the Denominator criteria, select those patients who meet Exclusion criteria. The patients meeting exclusion criteria should be removed from the Denominator.</p>	<p>Find the patients who qualify for the Numerator (N): From the patients within the Denominator (D) criteria, select those people who meet Numerator selection criteria. Validate that the number of patients in the numerator is less than or equal to the number of patients in the denominator.</p>	<p>From the patients who did not meet the Numerator criteria, determine if the patient meets any criteria for the Exception (E1 + E2+E3). If they meet any criteria, they should be removed from the Denominator for performance calculation. As a point of reference, these cases are removed from the denominator population for the performance calculation, however the number of patients with valid exceptions should be calculated and reported.</p>



# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening

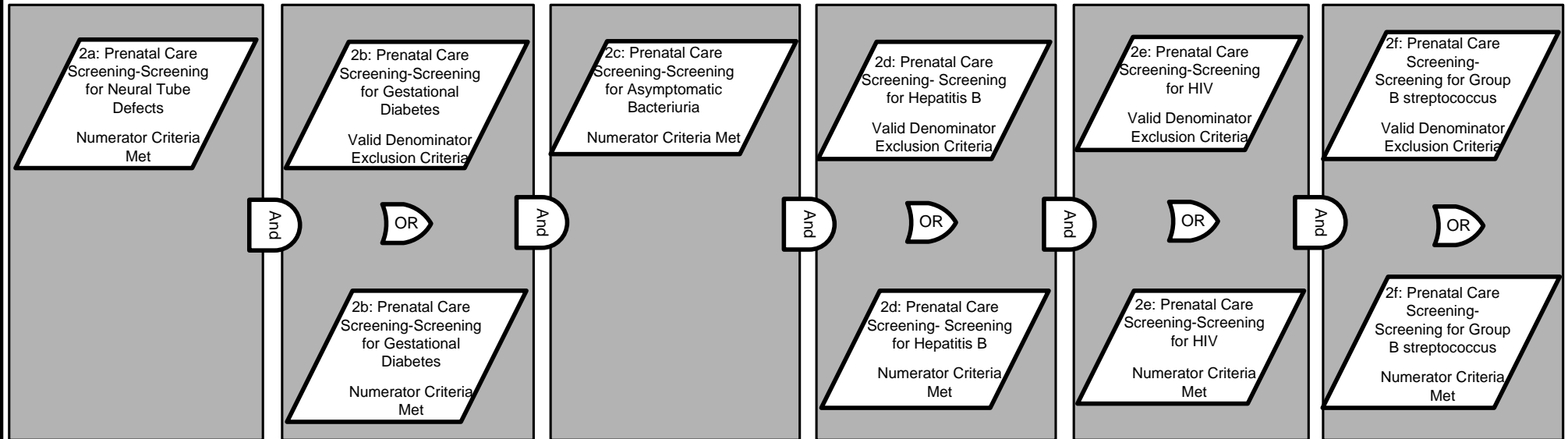
**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2**

### Calculation of Measure Components

To satisfactorily meet the measure – ALL six measure components must be performed.



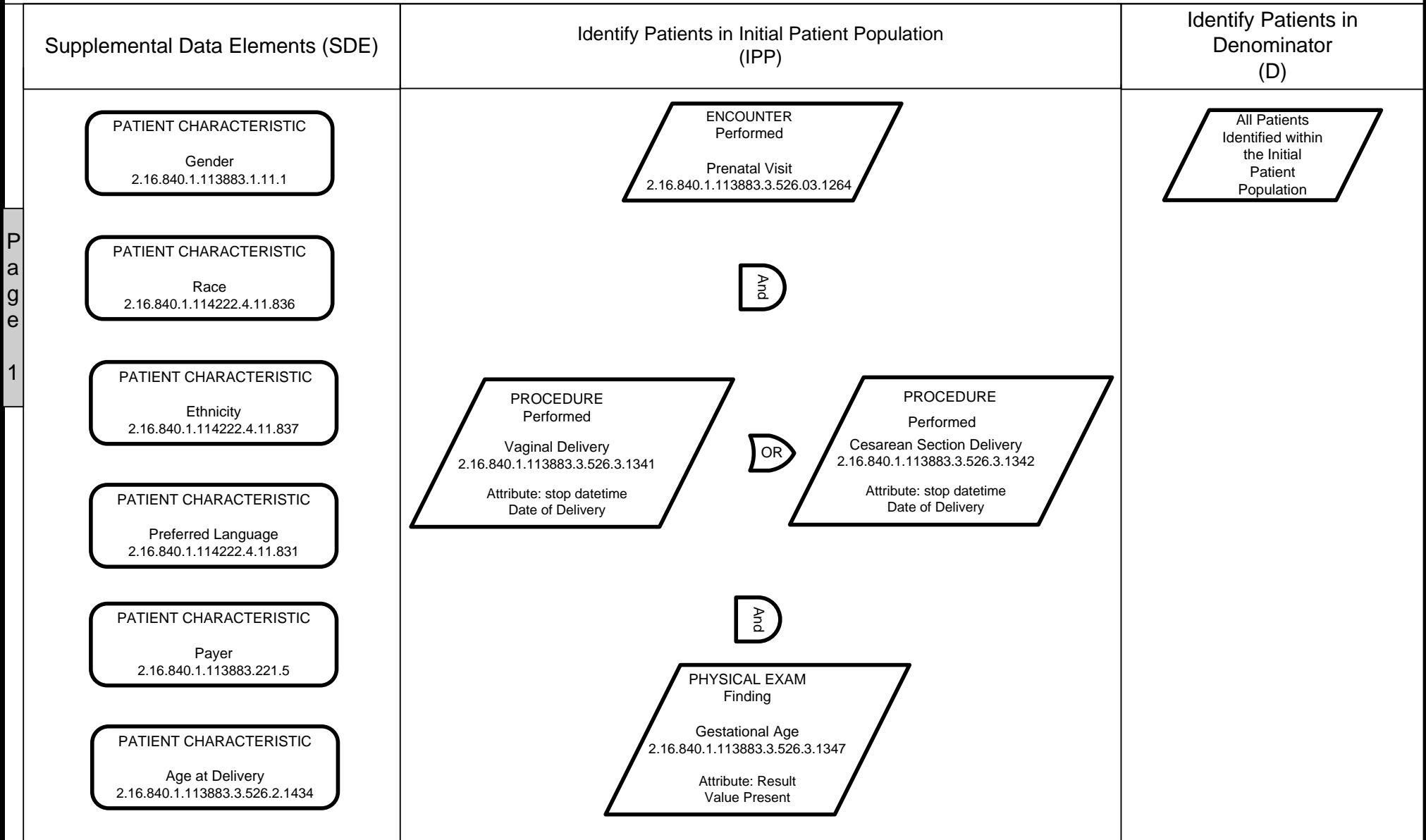
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Neural Tube Defects

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2a**



See Data Requirements Table for timing constraints and relationship between data elements.

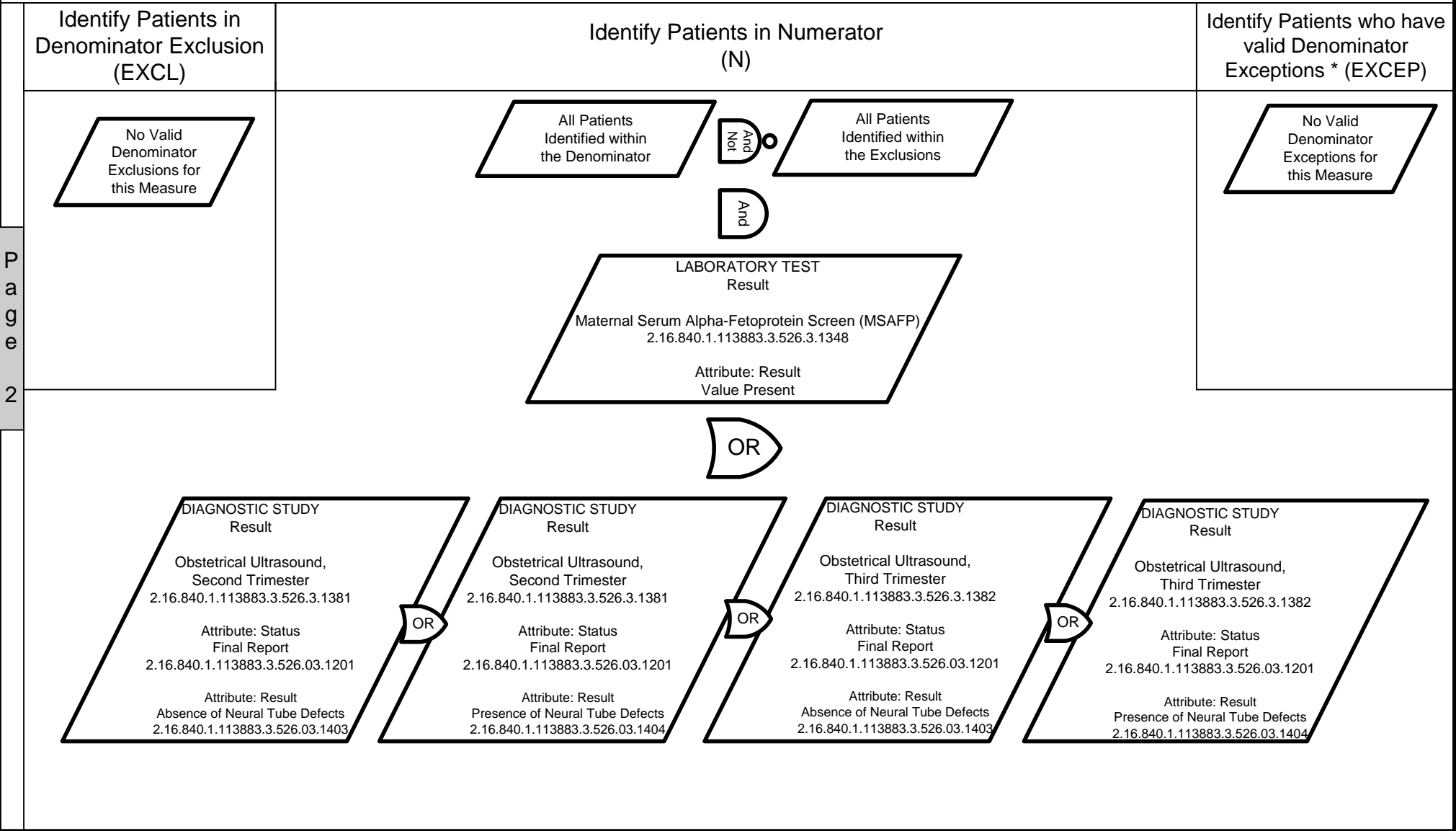
# PCPI eSpecification

Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Neural Tube Defects

Measure Description: Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

Measurement Period: 12 Consecutive Months

PCPI Measure #: MC-2a



See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.

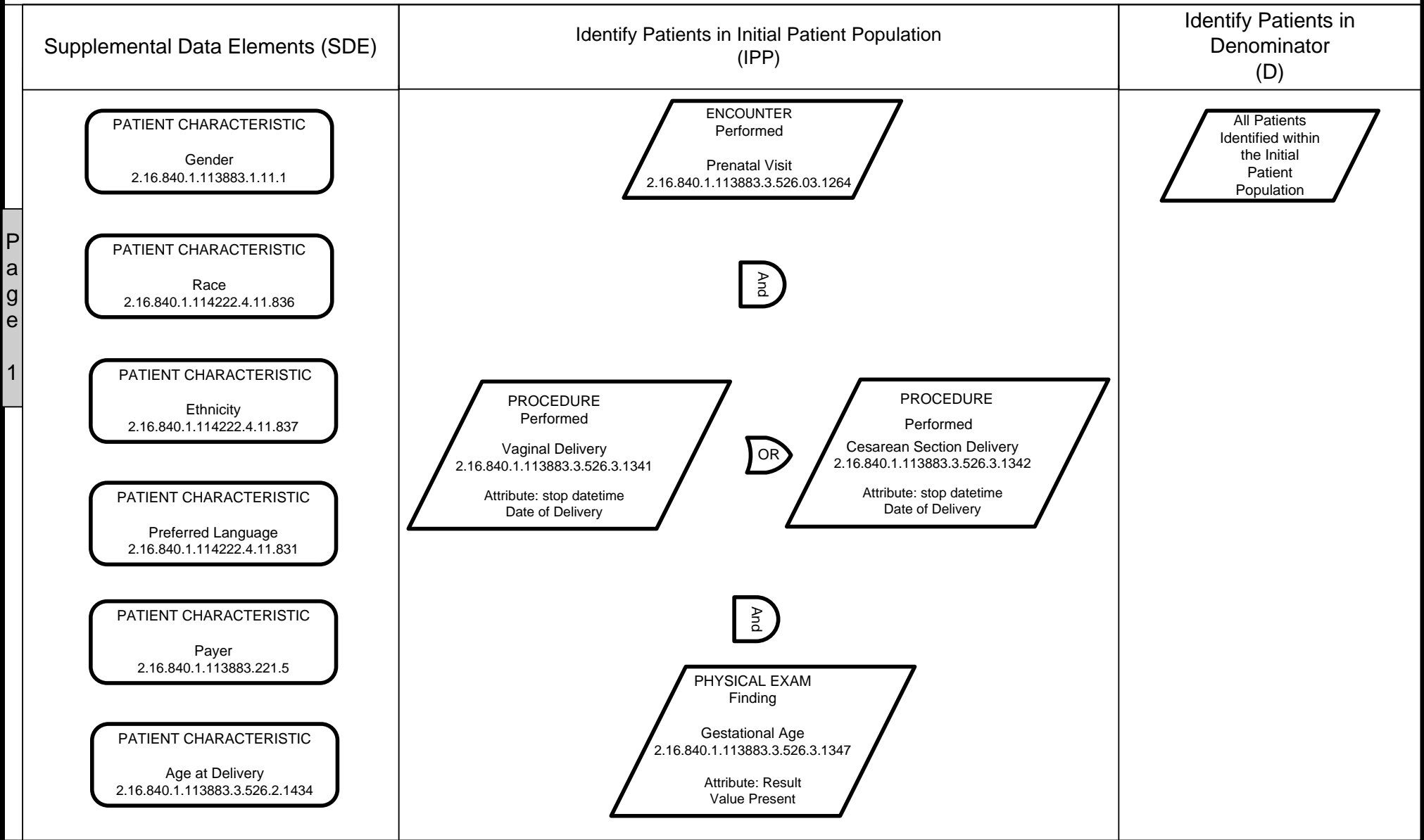
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Gestational Diabetes

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2b**



See Data Requirements Table for timing constraints and relationship between data elements.

# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Gestational Diabetes

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #:** MC-2b

Identify Patients in Denominator Exclusion (EXCL)	Identify Patients in Numerator (N)	Identify Patients who have valid Denominator Exceptions * (EXCEP)
<p data-bbox="142 493 453 602">All Patients Identified within the Denominator</p> <p data-bbox="260 667 336 740">And</p> <p data-bbox="100 824 485 980">           DIAGNOSIS            Active             Diabetes Mellitus            2.16.840.1.113883.3.526.3.1349         </p>	<p data-bbox="863 493 1192 602">All Patients Identified within the Denominator</p> <p data-bbox="999 643 1075 708">And Not</p> <p data-bbox="863 748 1192 857">All Patients Identified within the Exclusions</p> <p data-bbox="989 902 1064 967">And</p> <p data-bbox="783 1036 1224 1260">           LABORATORY TEST            Result             Gestational Diabetes Screening            2.16.840.1.113883.3.526.3.1350             Attribute: Result            Value Present         </p>	<p data-bbox="1661 488 1955 610">No Valid Denominator Exceptions for this Measure</p>

See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.

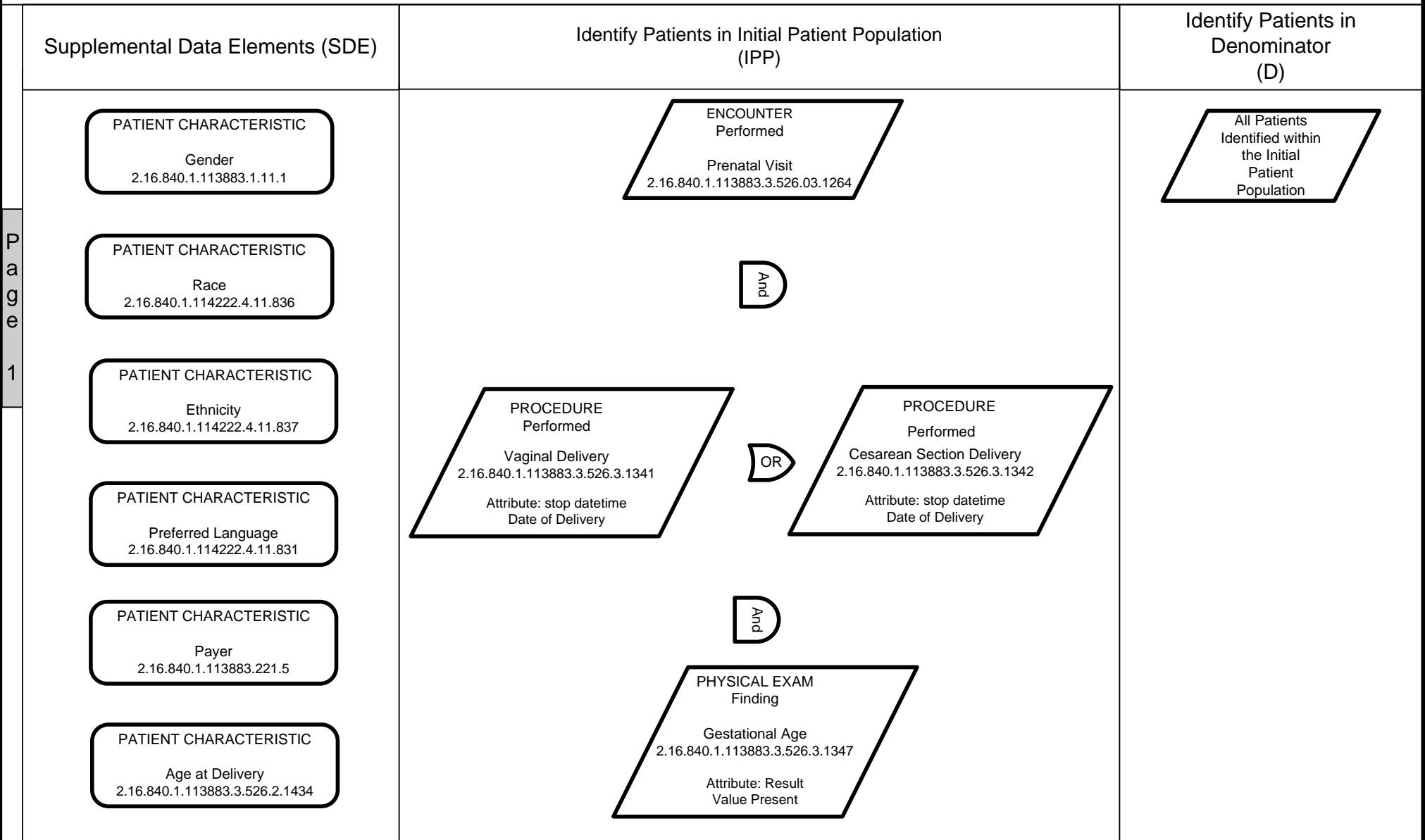
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Asymptomatic Bacteriuria

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2c**



See Data Requirements Table for timing constraints and relationship between data elements.

# PCPI eSpecification

**Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Asymptomatic Bacteriuria**

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2c**

Identify Patients in Denominator Exclusion (EXCL)	Identify Patients in Numerator (N)	Identify Patients who have valid Denominator Exceptions * (EXCEP)
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     No Valid Denominator Exclusions for this Measure                 </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto; margin-bottom: 20px;">                     All Patients Identified within the Denominator                 </div> <div style="text-align: center; margin-bottom: 20px;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">                         And                     </div> </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     LABORATORY TEST Result                       Screening for Asymptomatic Bacteriuria                      2.16.840.1.113883.3.526.3.1351                       Attribute: Result Value Present                 </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     No Valid Denominator Exceptions for this Measure                 </div>

Page 2

See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.

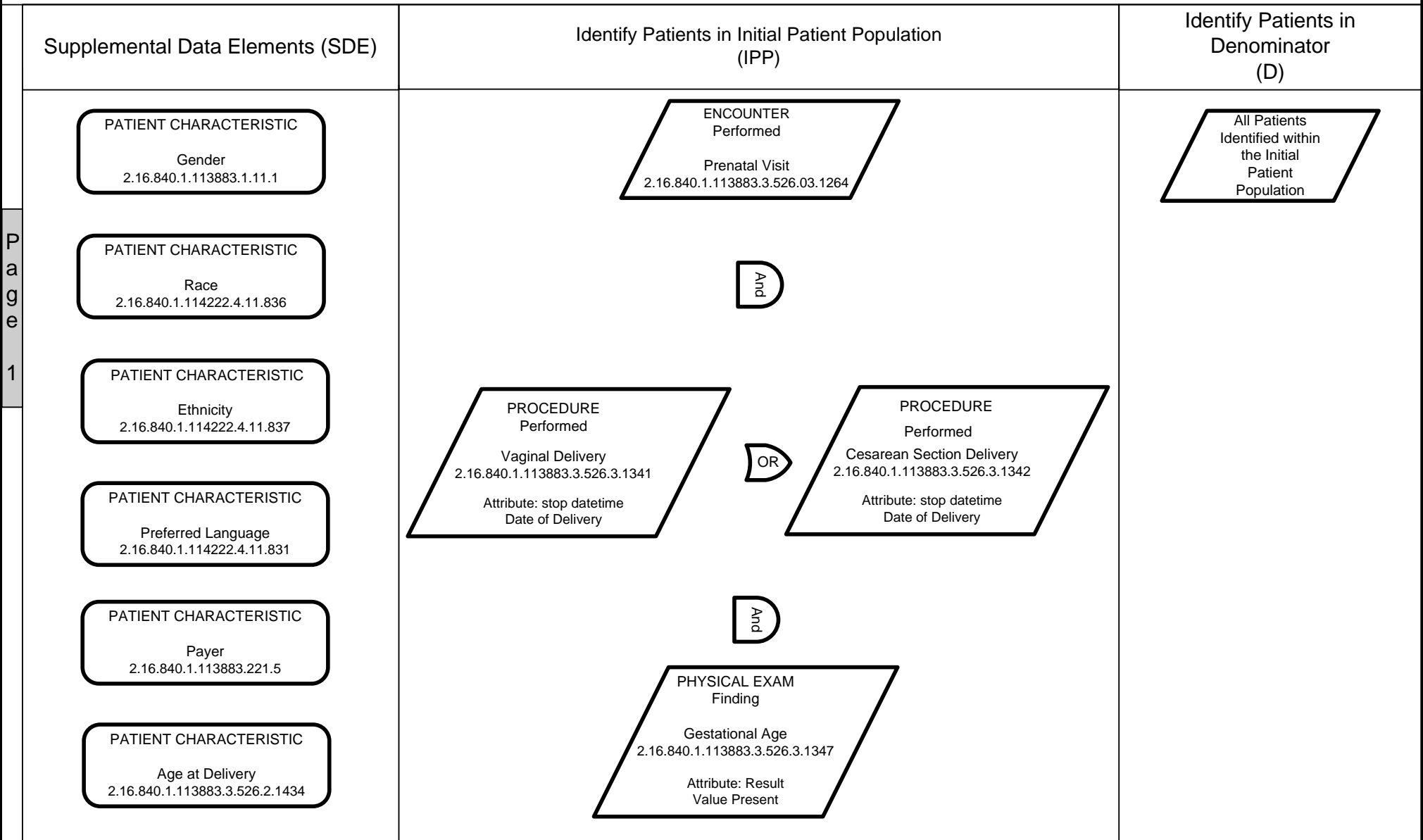
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Hepatitis B

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #:** MC-2d



See Data Requirements Table for timing constraints and relationship between data elements.



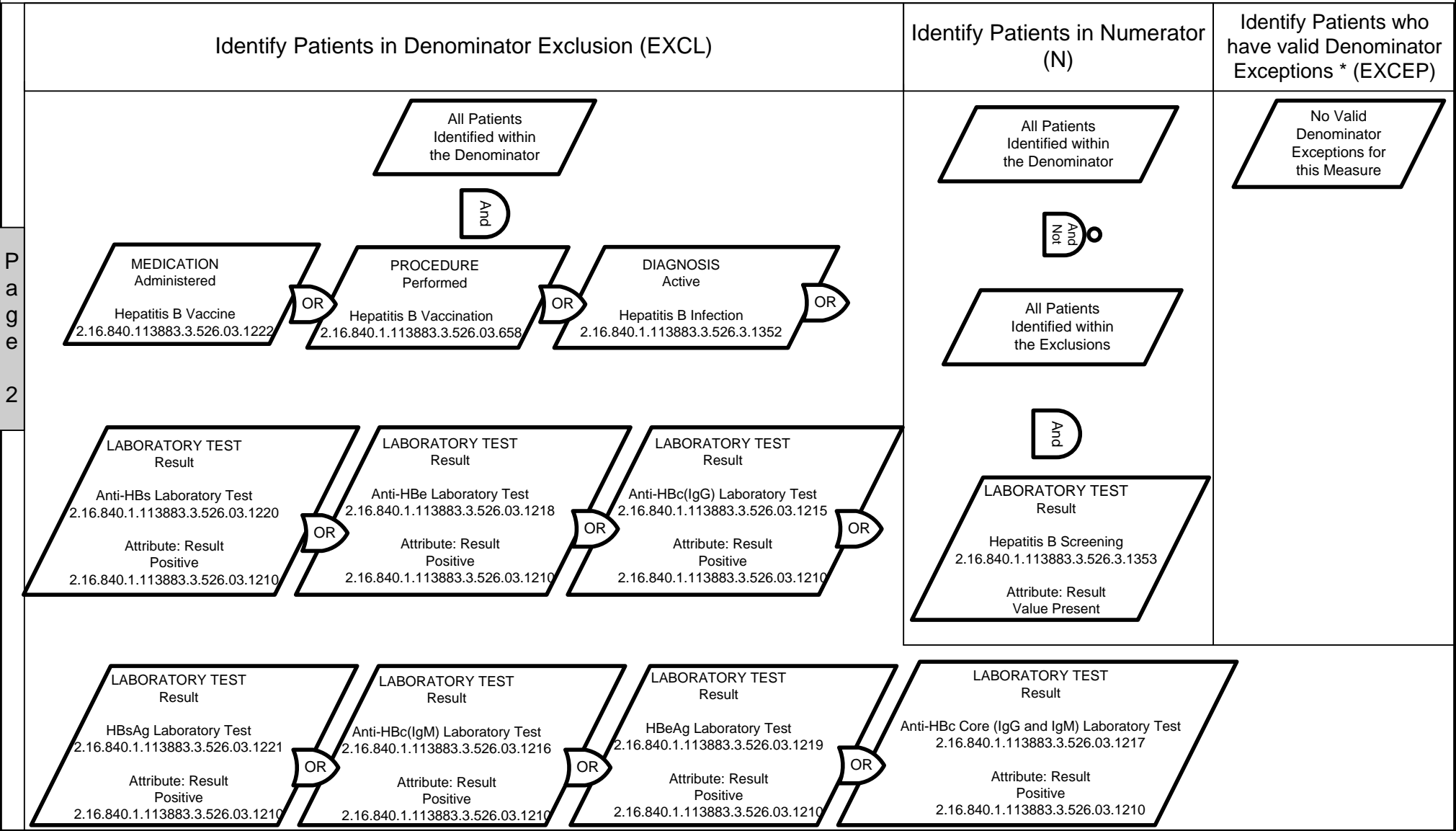
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Hepatitis B

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #:** MC-2d



See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.

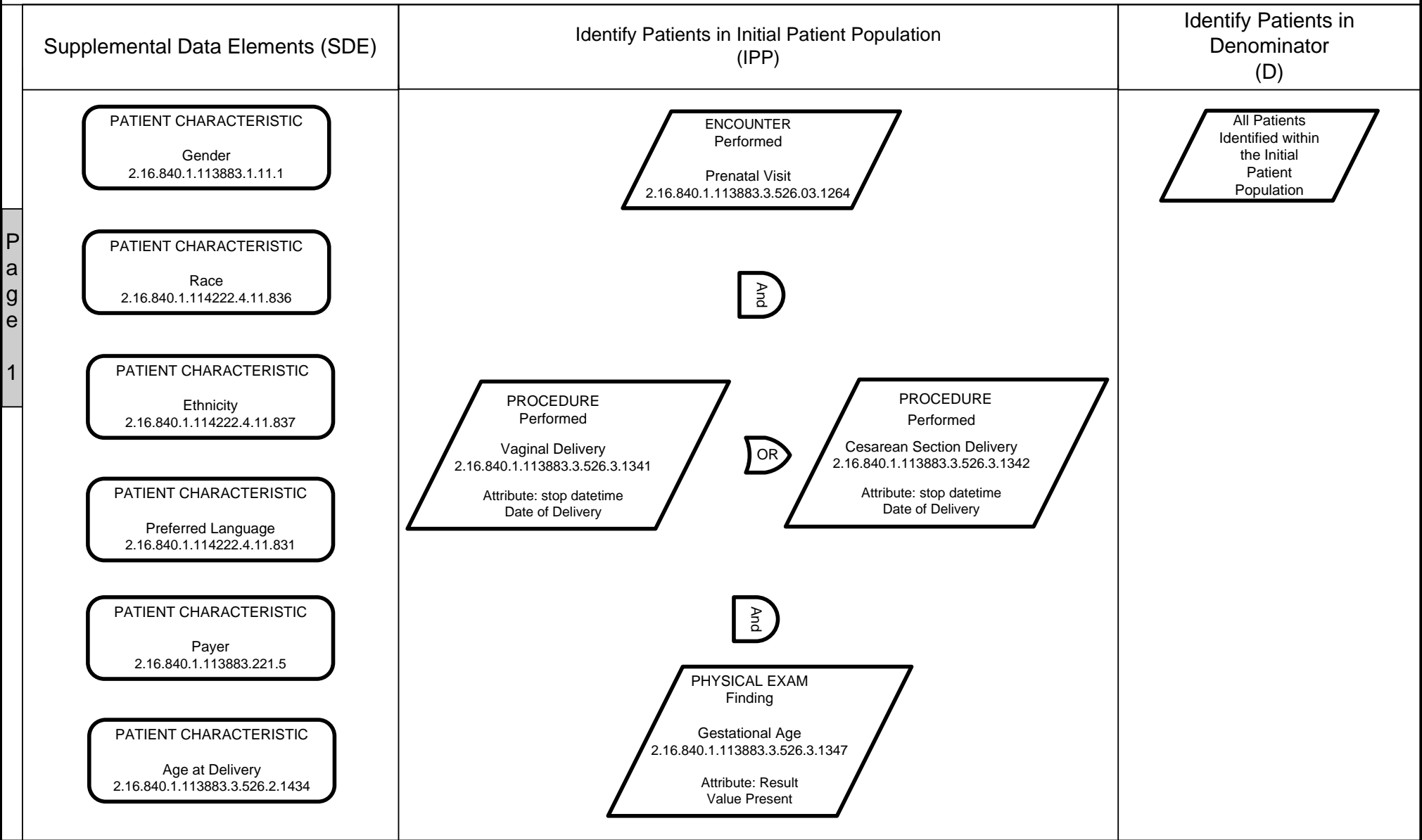
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for HIV

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2e**



See Data Requirements Table for timing constraints and relationship between data elements.

# PCPI eSpecification

**Measure Logic for Maternity Care: Prenatal Care Screening – Screening for HIV**

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2e**

Identify Patients in Denominator Exclusion (EXCL)	Identify Patients in Numerator (N)	Identify Patients who have valid Denominator Exceptions * (EXCEP)
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">All Patients Identified within the Denominator</div> <div style="text-align: center; margin-bottom: 10px;">And</div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">           DIAGNOSIS Active HIV or AIDS Infection 2.16.840.1.113883.3.526.3.1354         </div> <div style="text-align: center; margin: 0 10px;">OR</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">           DIAGNOSIS Inactive HIV or AIDS Infection 2.16.840.1.113883.3.526.3.1354         </div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">All Patients Identified within the Denominator</div> <div style="text-align: center; margin-bottom: 10px;">And Not</div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">All Patients Identified within the Exclusions</div> <div style="text-align: center; margin-bottom: 10px;">And</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">           LABORATORY TEST Result HIV Screening 2.16.840.1.113883.3.526.3.1355 Attribute: Result Value Present         </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">No Valid Denominator Exceptions for this Measure</div>

Page 2

See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.

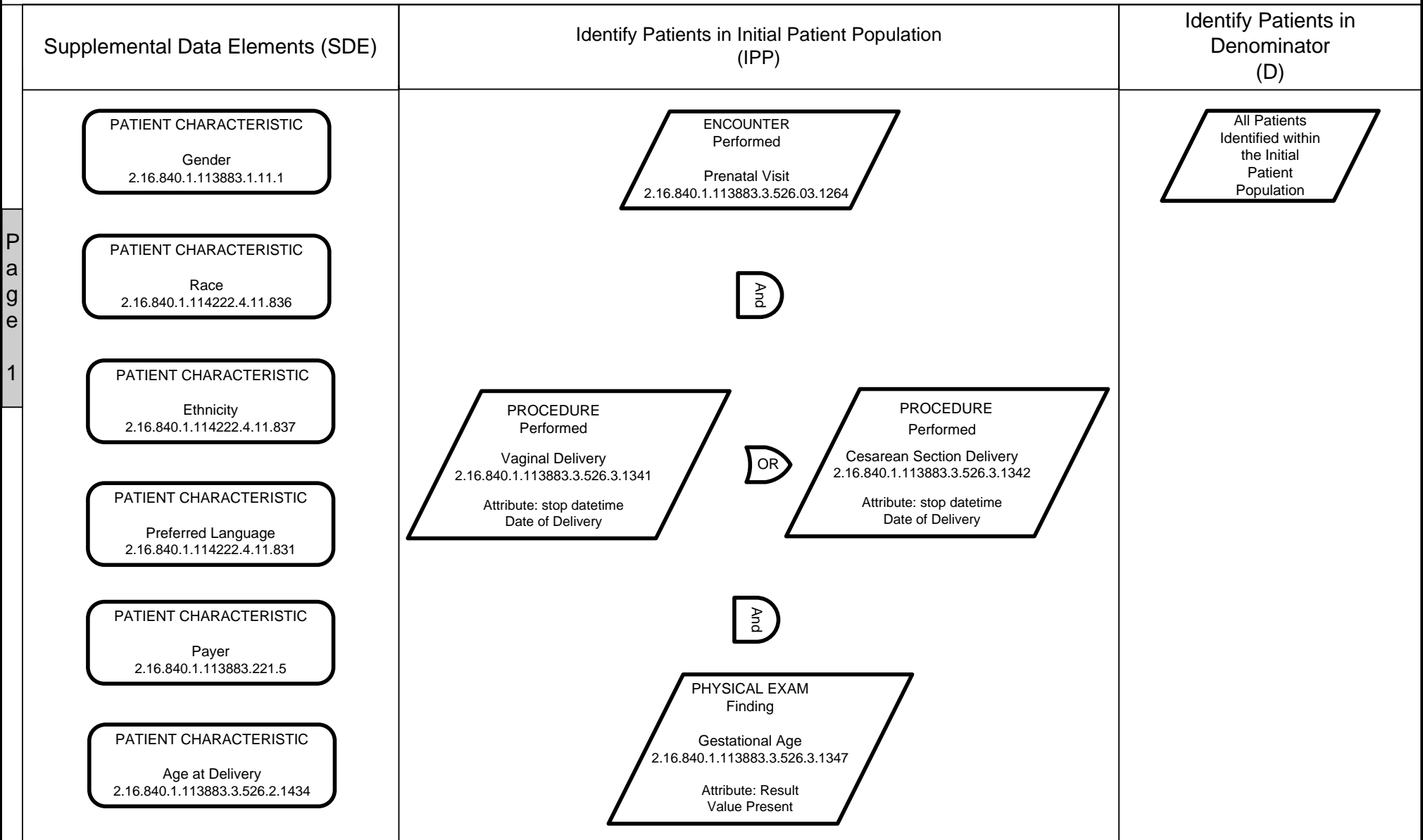
# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Group B streptococcus

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2f**



See Data Requirements Table for timing constraints and relationship between data elements.

# PCPI eSpecification

## Measure Logic for Maternity Care: Prenatal Care Screening – Screening for Group B streptococcus

**Measure Description:** Percentage of patients, regardless of age, who gave birth during a 12-month period seen at least once for prenatal care who received the following screening tests within the specified time frames: screening for neural tube defects; screening for Gestational Diabetes; screening for Asymptomatic Bacteriuria; Hepatitis B specific antigen screening; HIV screening; Group B streptococcus screening (GBS)

**Measurement Period:** 12 Consecutive Months

**PCPI Measure #: MC-2f**

Identify Patients in Denominator Exclusion (EXCL)	Identify Patients in Numerator (N)	Identify Patients who have valid Denominator Exceptions * (EXCEP)
<p>The flowchart for Denominator Exclusion (EXCL) starts with a box labeled "All Patients Identified within the Denominator". This is followed by an "And" connector. Below this, there are two parallel paths connected by "OR" connectors. The first path starts with a box "DIAGNOSIS Inactive" (code 2.16.840.1.113883.3.526.3.1356) leading to a "LABORATORY TEST Result" box (code 2.16.840.1.113883.3.526.3.1357) with the attribute "Result Positive" (code 2.16.840.1.113883.3.526.03.1210). The second path starts with a box "DIAGNOSIS Inactive" (code 2.16.840.1.113883.3.526.3.1358) leading to a "LABORATORY TEST Result" box (code 2.16.840.1.113883.3.526.3.1357) with the attribute "Result Value Present".</p>	<p>The flowchart for Numerator (N) starts with a box "All Patients Identified within the Denominator". This is followed by an "And Not" connector. Below this, there are two parallel paths connected by "OR" connectors. The first path is a box "All Patients Identified within the Exclusions". The second path is a "LABORATORY TEST Result" box (code 2.16.840.1.113883.3.526.3.1357) with the attribute "Result Value Present".</p>	<p>The flowchart for Denominator Exceptions (EXCEP) consists of a single box labeled "No Valid Denominator Exceptions for this Measure".</p>

Page 2

See Data Requirements Table for timing constraints and relationship between data elements.

\*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.