Clinical Policy: Obstetrical Home Care Programs

Reference Number: CP.MP.91
Date of Last Review: 11/23

See Important Reminder at the end of this policy for important regulatory and legal information.

Description
Medical necessity criteria for obstetrical home health programs offered by vendors such as Optum.

Policy/Criteria
I. It is the policy of health plans affiliated with Centene Corporation® that obstetrical home health services are medically necessary for members/enrollees meeting the following criteria:

A. Obstetrical Nurse Assessment
   An obstetrical nurse assessment is considered medically necessary when provided with any of the services listed in B to J.

B. Metoclopramide or Ondansetron Infusion Therapy

   Home visits are considered medically necessary for the same period as the infusion therapy is administered, generally up to seven days of therapy based on clinical information.

C. Hydration Therapy – one to four liters

   Hydration therapy is medically necessary for members/enrollees who could benefit from close surveillance for the onset of dehydration. Examples of diagnoses include:
   1. Hyperemesis gravidarum;
   2. Malabsorption;
   3. Diagnosis, such as flu or GI virus, which impairs the member/enrollee’s ability to maintain fluid and/or food in the system.

   A course of up to seven days at a time is considered medically necessary.
D. *Diabetes in Pregnancy Clinical Management*

Diabetes in pregnancy clinical management is **medically necessary** for pregnant members/enrollees with a diagnosis of Type II non-insulin dependent diabetes in pregnancy, or non-insulin dependent gestational diabetes.

One visit is considered medically necessary for diabetes in pregnancy clinical management.

E. *Obstetrical Diabetes Management - Daily Insulin Injections or Insulin pump*

Obstetrical diabetes management is **medically necessary** for pregnant members/enrollees requiring insulin administration.

An initial course of up to seven days is considered medically necessary. Additional courses of up to seven-day spans are considered medically necessary until the member/enrollee is able to self-manage blood sugar and insulin administration.

F. *Hypertensive Disorders in Pregnancy Management for Gestational Hypertension*

Home visits for management of gestational hypertension are **medically necessary** for members/enrollees with one of the following:

1. Elevated or unstable blood pressure without proteinuria;
2. Member/enrollee who could benefit from education and surveillance for the potential onset of hypertension. Categories of such members/enrollees could include:
   a. Previous episode of hypertension during previous pregnancy;
   b. Chronic hypertension;
   c. Multiple gestation;
   d. Diabetes.

An initial visit is considered medically necessary.

G. *Hypertensive Disorders in Pregnancy Management for Preeclampsia*

Home visits for management of preeclampsia are **medically necessary** for pregnant members/enrollees who are diagnosed with preeclampsia *without severe features*, meeting all of the following:

1. Blood pressure $\geq 140$ mm Hg systolic or $\geq 90$ mm Hg diastolic on two occasions at least four hours apart after 20 weeks gestation in a member/enrollee with a previously normal blood pressure;
2. Proteinuria demonstrated by one or more of the following:
   a. $\geq 300$ mg per 24-hour urine collection (or this amount extrapolated from a timed collection);
   b. Protein/creatinine ratio $\geq 0.3$ mg;
   c. Dipstick reading of $\geq 2^+$ (30 mg/dL) (used only if other quantitative methods not available).

An initial home visit, with additional phone or virtual follow up as needed, is considered medically necessary.
Clinical Policy
OB Home Health Programs

H. Preterm Labor Management Program
   The preterm labor management program is medically necessary for pregnant members/enrollees diagnosed with preterm labor. Early signs and symptoms of preterm labor can include menstrual-like cramping; mild, irregular contractions; low back ache; pressure sensation in the vagina; or vaginal discharge of mucus, which may be clear, pink, or slightly bloody.

   An initial home visit, with additional virtual follow up as needed, is considered medically necessary for assessment and education. Ongoing visits are considered not medically necessary.

I. Dietary Analysis
   A dietary analysis is medically necessary for members/enrollees with a diagnosis of obesity or malnutrition.

II. It is the policy of health plans affiliated with Centene Corporation that the following services provided by a home health vendor are considered not medically necessary:
   A. Betamethasone therapy via multiple repeat courses or intermittent injections;
   B. Multiple gestation management (refer to individual program for identified risk factor);
   C. Continuous heparin infusion therapy;
   D. Member/enrollee-administered nonstress test or fetal heart rate monitoring;
   E. Gestational diabetes clinical management program for oral medications;
   F. Preterm prelabor rupture of membranes (PPROM) management.

Background
Optum Obstetrical (OB) Homecare includes risk assessment and education for identifying pregnant individuals at risk for complications, case management and homecare services for high-risk pregnancies. Obstetrical homecare services include providers, diagnostics, devices, and timely and actionable information that help individuals make better healthcare decisions.

Medically Necessary Services:
Diabetes in Pregnancy Clinical Management
In the United States, the two-step test is the most widely used approach for identifying pregnant people with gestational diabetes mellitus (GDM). The test is endorsed by America College of Obstetricians and Gynecologists (ACOG) and the American Diabetes Association (ADA) considers it an acceptable option.10

   The first step of the test is a one-hour 50-gram oral GTT administered without regard to time of day/previous meals. This step has a practical advantage since fasting is not necessary and only one blood sample is required. After step one, screen-positive individuals, except for those with very high glucose values, go on to the second step of the test which consists of a three-hour 100-gram oral GTT performed after an overnight fast.10

   Gestational Hypertension Management
The American College of Obstetricians and Gynecologists (ACOG) Task Force on Hypertension in Pregnancy recommends that patients with gestational hypertension or preeclampsia without severe features monitor blood pressure twice weekly, self-monitor fetal movement daily, and
Clinical Policy
OB Home Health Programs

have platelet counts and liver enzymes assessed weekly.\(^2\) Few studies have evaluated whether outpatient care is a viable option for preeclamptic patients, although two small studies found positive results.\(^{18}\) In addition, a systematic review of three studies found no difference in clinical outcomes for mothers or babies receiving care in antenatal day units versus inpatient care.\(^{12}\) ACOG recommends ambulatory management at home as an option for those with gestational hypertension or preeclampsia without severe features requiring frequent fetal and maternal evaluation. Hospitalization is recommended for individuals with severe features and for individuals in whom adherence to frequent evaluation may be a concern.\(^{22}\)

**Preterm Labor Management**
There is little research on the management of patients after an episode of preterm labor. One underpowered study found no benefit to hospital care versus discharge home in the proportion of deliveries \(\geq 36\) weeks. It is thus recommended that the decision to manage an individual with preterm labor as an inpatient or outpatient should be made on a case-by-case basis, in conjunction with factors such as cervical dilation, vaginal bleeding, fetal status and travel time to the appropriate level of care facility.\(^7\)

**Not Medically Necessary Services:**
**Betamethasone therapy via intermittent injections**
ACOG recommends a single course of corticosteroids for individuals with preterm premature rupture of membranes (PPROM) between 22 and 34 weeks, as it reduces the risk of neonatal mortality, respiratory distress syndrome, intraventricular hemorrhage, and necrotizing enterocolitis. However, ACOG does not recommend multiple repeated injections as weekly administration is associated with lower birthweight and head circumference. A Cochrane meta-review of repeat doses of antenatal corticosteroids states that there was lower incidence of respiratory distress and serious infant health problems in the first few weeks after birth, but no evidence of harm or benefit in early childhood. Furthermore, as ACOG noted, repeat doses of corticosteroids were associated with lower birthweight and head circumference, even though these reductions were small. Crowther and colleagues conclude by recommending further research on the long-term benefits and risks of repeat doses of antenatal corticosteroids for the infant into adulthood.\(^{11,15}\)

**Preterm Prelabor Rupture of Membranes Management**
A Cochrane systematic review of two small studies concludes that the majority of patients should be managed in the hospital after PPROM.\(^1\) Although the two studies suggest that outcomes are similar between individuals and babies managed at home or inpatient, the evidence is not sufficient to make a recommendation regarding the safety of home care for PPROM.\(^1\) An additional small study of 187 patients with PPROM indicated conventional hospitalization as the treatment of choice when compared to home management especially in the presence of PPROM before 26 weeks, non-cephalic fetal presentation and oligoamnios.\(^{27}\) ACOG sites the Cochrane review and also notes that the evidence is insufficient, adding that the increased risk of sudden infection and umbilical cord compression with PPROM make hospital surveillance the appropriate management choice.\(^4\)

**Coding Implications**
This clinical policy references Current Procedural Terminology (CPT\®). CPT\® is a registered trademark of the American Medical Association. All CPT codes and descriptions are copyrighted
2022, American Medical Association. All rights reserved. CPT codes and CPT descriptions are from the current manuals and those included herein are not intended to be all-inclusive and are included for informational purposes only. Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

<table>
<thead>
<tr>
<th>ICD-10-CM Codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A09</td>
<td>Infectious gastroenteritis and colitis, unspecified</td>
</tr>
<tr>
<td>D69.59</td>
<td>Other secondary thrombocytopenia</td>
</tr>
<tr>
<td>E86.0</td>
<td>Dehydration</td>
</tr>
<tr>
<td>K90.49</td>
<td>Malabsorption due to intolerance, not elsewhere classified</td>
</tr>
<tr>
<td>O10.011 through O10.019</td>
<td>Pre-existing essential hypertension complicating pregnancy</td>
</tr>
<tr>
<td>O10.411 through O01.419</td>
<td>Pre-existing secondary hypertension complicating pregnancy</td>
</tr>
<tr>
<td>O10.911 through O10.919</td>
<td>Unspecified pre-existing hypertension complicating pregnancy</td>
</tr>
<tr>
<td>O11.1 through O11.9</td>
<td>Pre-existing hypertension with pre-eclampsia</td>
</tr>
<tr>
<td>O14.00 through O14.03</td>
<td>Mild to moderate pre-eclampsia</td>
</tr>
<tr>
<td>O16.1 through O16.9</td>
<td>Unspecified maternal hypertension</td>
</tr>
<tr>
<td>O21.0 through O21.9</td>
<td>Excessive vomiting in pregnancy</td>
</tr>
<tr>
<td>O24.410 through O24.419</td>
<td>Gestational diabetes mellitus in pregnancy</td>
</tr>
<tr>
<td>O25.10 through O25.13</td>
<td>Malnutrition in pregnancy</td>
</tr>
<tr>
<td>O60.00 through O60.03</td>
<td>Preterm labor without delivery</td>
</tr>
<tr>
<td>O99.210 through O99.213</td>
<td>Obesity complicating pregnancy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HCPCS Codes</th>
<th>Optum specific program codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S9123</td>
<td>Nursing care, in the home; by registered nurse, per hour (use for general nursing care only, not to be used when CPT codes 99500-99602 can be used)</td>
</tr>
<tr>
<td>S9140</td>
<td>Diabetic management program, follow up-visit to non-MD provider</td>
</tr>
<tr>
<td>S9208</td>
<td>Home management of preterm labor, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code with any home infusion per diem code)</td>
</tr>
<tr>
<td>HCPCS Codes</td>
<td>Optum specific program codes</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>S9211</td>
<td>Home management of gestational hypertension, includes administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem (do not use this code with any home infusion per diem code)</td>
</tr>
<tr>
<td>S9213</td>
<td>Home management of preeclampsia, includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem (do not use this code with any home infusion per diem code)</td>
</tr>
<tr>
<td>S9214</td>
<td>Home management of gestational diabetes, includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem (do not use this code with any home infusion per diem code)</td>
</tr>
<tr>
<td>S9374</td>
<td>Home infusion therapy, hydration therapy; one liter per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem</td>
</tr>
<tr>
<td>S9375</td>
<td>Home infusion therapy, hydration therapy; more than one liter but no more than two liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem</td>
</tr>
<tr>
<td>S9376</td>
<td>Home infusion therapy, hydration therapy; more than two liters but no more than three liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem</td>
</tr>
<tr>
<td>S9377</td>
<td>Home infusion therapy, hydration therapy; more than three liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies (drugs and nursing visits coded separately), per diem</td>
</tr>
<tr>
<td>S9470</td>
<td>Nutritional counseling, dietitian visit</td>
</tr>
<tr>
<td>S9560</td>
<td>Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem</td>
</tr>
</tbody>
</table>

**Reviews, Revisions, and Approvals**

<table>
<thead>
<tr>
<th>Policy Created. Reviewed by Specialist.</th>
<th>Revision Date</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01/14</td>
<td>01/14</td>
</tr>
<tr>
<td>Specified that only preeclampsia without severe features is appropriate for home management and removed diagnostic criteria which included severe features. Changed “Alere” to “Optum”</td>
<td>01/19</td>
<td>01/19</td>
</tr>
<tr>
<td>Updated description to include OptionCare. Noted in D. Diabetes Clinical Management program that the case rate is with Optum. Pre-eclampsia program: I.H changed dipstick reading from 1+ to 2+</td>
<td>12/19</td>
<td>12/19</td>
</tr>
<tr>
<td>Reviews, Revisions, and Approvals</td>
<td>Revision Date</td>
<td>Approval Date</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>---------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Updated background with ACOG’s statement on administration of Hydroxyprogesterone Caproate. Specialist review.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removed reference to OptionCare in description. In C. Hydration therapy, changed initial course and additional course of up to 14 visits to up to 7 visits at a time. In D. Diabetes in pregnancy, removed the word “program” form the title and criteria; deleted all criteria except the requirement for diagnosis of type 2 DM, or gestational diabetes, and specified that both are non-insulin dependent; deleted reference to case rate, and added that 1 visit is medically necessary. Combined criteria in E. for insulin injections and F. for insulin pump into E; removed criteria except for being pregnant and requiring insulin administration; changed number of medically necessary visits from 14 to up to 7 days for the initial and additional courses. For hypertensive disorders in pregnancy, replaced “program” in the title with “management;” changed number of medically necessary visits from up to 14 days with an additional 7 if needed to one visit. For preeclampsia in pregnancy, replaced “program” with “visits for management;” changed the number of initial and additional medically necessary visits from up to 7 to an additional home visit with phone follow up as needed. For preterm labor management, changed number of medically necessary visits from 3 in one week to 1 home visit in a week, with additional phone follow up as needed. Replaced all instances of “member” with “member/enrollee.” Reviewed by specialist. References reviewed and updated.</td>
<td>11/20</td>
<td>12/20</td>
</tr>
<tr>
<td>Annual review. Updated table of contents. Corrected A. to state that it is medically necessary with services in A-J, not A-K. References reviewed and updated. Specialist review. Changed &quot;Last Review Date&quot; in the header to &quot;Date of Last Review&quot; and &quot;Date&quot; in revision log to &quot;Revision Date&quot;. Added info in Background regarding ACOG’s Statement on FDA Proposal to Withdraw 17p Hydroxyprogesterone Caproate. Note added to HCPCS S9123 regarding CPT usage.</td>
<td>12/21</td>
<td>12/21</td>
</tr>
<tr>
<td>Annual review completed. Added “without proteinuria” to I. F.1.Changed “woman” to “member/enrollee” in I.G.1. Added “demonstrated by one or more of the following” to I.G.2. for clarity. Added “≥” to I.G.2.c. Minor rewording with no clinical significance. Background updated. References reviewed and updated.</td>
<td>12/22</td>
<td>12/22</td>
</tr>
<tr>
<td>Removed references to CP.MP.34 Hyperemesis Gravidarum Treatment in I.B. and modified statement to reflect that home visits are medically necessary for the ondansetron/metoclopramide infusion administration period. Removed criteria J. for hydroxyprogesterone caproate (Makena) administration nursing visits.</td>
<td>04/23</td>
<td>04/23</td>
</tr>
<tr>
<td>Annual review. Updated Background with no impact to criteria. Updated version for inclusivity. References reviewed and updated.</td>
<td>11/23</td>
<td>11/23</td>
</tr>
</tbody>
</table>

References


**Important reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.
The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care and are solely responsible for the medical advice and treatment of members/enrollees. This clinical policy is not intended to recommend treatment for members/enrollees. Members/enrollees should consult with their treating physician in connection with diagnosis and treatment decisions.

Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

This clinical policy is the property of the Health Plan. Unauthorized copying, use, and distribution of this clinical policy or any information contained herein are strictly prohibited. Providers, members/enrollees and their representatives are bound to the terms and conditions expressed herein through the terms of their contracts. Where no such contract exists, providers, members/enrollees and their representatives agree to be bound by such terms and conditions by providing services to members/enrollees and/or submitting claims for payment for such services.

**Note: For Medicaid members/enrollees**, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

**Note: For Medicare members/enrollees**, to ensure consistency with the Medicare National Coverage Determinations (NCD) and Local Coverage Determinations (LCD), all applicable NCDs, LCDs, and Medicare Coverage Articles should be reviewed prior to applying the criteria set forth in this clinical policy. Refer to the CMS website at [http://www.cms.gov](http://www.cms.gov) for additional information.

©2014 Centene Corporation. All rights reserved. All materials are exclusively owned by Centene Corporation and are protected by United States copyright law and international copyright law.