

Obstetric Ultrasound, Three-dimensional (3D) and Four-dimensional (4D)

MPM 15.4

Disclaimer Refer to the member's specific benefit plan and *Schedule of Benefits* to determine coverage. This may not be a benefit on all plans or the plan may have broader or more limited benefits than those listed in this medical policy

Description A standard two-dimensional ultrasound is used in obstetrics to examine the growing fetus and provide valuable information about its health and well-being. A three-dimensional (3D) ultrasound takes thousands of images at once, which are stored and shaded to make a lifelike 3D image. A four-dimensional (4D) image is similar to a 3D image, but it also shows movement.¹

Coverage Determination This technology has been reviewed by the Technology Assessment Committee and the Medical Policy Committee (formerly known as the Benefit Interpretation Committee).

3D and 4D Obstetric Ultrasound is not considered to be medically necessary and is **not covered** at this time.

Coding The coding listed in this medical policy is for reference only. Covered and non-covered codes are within this list.

CPT Codes	Description
76376	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; not requiring image postprocessing on an independent workstation (to be used in conjunction with codes for base imaging procedures)
76377	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; requiring image postprocessing on an independent workstation (to be used in conjunction with codes for base imaging procedures)

ICD-9© Diagnosis Codes	Description
640.00 – 676.94	Complications of pregnancy and childbirth
V22.0 – V23.9	Supervision of pregnancy

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[MPMPPC120805]

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ICD-9© Diagnosis Codes	Description
V28.3	Screening for malformation using ultrasonics
V28.4	Screening for fetal growth retardation using ultrasonics

- References:**
1. American College of Obstetrics and Gynecology. ACOG Patient Education: Ultrasound Exams. Accessed 1-28-09
http://www.acog.org/publications/patient_education/bp025.cfm
 2. American Institute of Ultrasound in Medicine. Official Statement: 3D Technology, approved November 12, 2005. Accessed 1-28-09.
<http://www.aium.org/publications/guidelinesStatementsX.aspx>
 3. Hayes Directory. Three-Dimensional and Four-Dimensional Ultrasound for High-Risk Pregnancies and Routine Screening. Copyright © Winifred S. Hayes, Inc. 2005. November 9, 2005. Updated 12-23-07.
 4. Hayes Directory. Three-Dimensional and Four-Dimensional Ultrasound for Extrafetal and Maternal Structures in Pregnancy. Copyright © Winifred S. Hayes, Inc. 2006. July 18, 2006. Updated 9-5-08.

Approval Signatures: Clinical Quality Committee: Mark Whitaker, MD

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Publication History

- 08-15-05: Benefit/Technology Alert, Original Effective Date
- 12-26-07: Transition to Medical Policy
- 01-28-09: Annual Review
- 01-19-11: Biennial Review

This Medical Policy is intended to represent clinical guidelines describing medical appropriateness and is developed to assist Presbyterian Health Plan and Presbyterian Insurance Company, Inc. (Presbyterian) Health Services staff and Presbyterian medical directors in determination of coverage. The Medical Policy is not a treatment guide and should not be used as such.

For those instances where a member does not meet the criteria described in these guidelines, additional information supporting medical necessity is welcome and may be utilized by the medical director in reviewing the case. Please note that all Presbyterian Medical Policies are available online at our website at:
<http://www.phs.org/resources/documents/HLTHCRIT.pdf>.

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