

Prenatal 3D sonographic diagnosis of an isolated lateral ...

<https://www.onlinelibrary.wiley.com/doi/abs/10.1002/jcu.20859>

Aug 02, 2011 · We report a case of lateral facial cleft (Tessier 7) diagnosed by sonography at a gestational age of 24 weeks. Two-dimensional sonography revealed a fetus appropriate for gestational...

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Author: Yao-Lung Chang, Reyin Lien, Shuenn-Dyh C...

Publish Year: 2012

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We report a case of prenatal ultrasound detection and three-dimensional characterisation of a lateral facial cleft at 21 weeks of gestation, which was terminated at 22 weeks.

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Can a cleft palate be missed by an ultrasound?	▽
How is 3D ultrasound used for facial clefting?	▽
Is there prenatal evaluation of fetal cranial sutures?	▽
How to diagnose orofacial cleft in a baby?	▽



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Aug 02, 2011 · We report a **case of lateral facial cleft** (Tessier 7) **diagnosed by sonography** at a gestational age of 24 weeks. **Two-dimensional sonography** revealed a fetus appropriate for gestational age without obvious anomaly, but a **three-dimensional** sonogram with surface mode rendering showed asymmetrical macrostomia as a result of a left **lateral facial cleft**.

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www.ijcem.com/files/ijcem0050896.pdf

One fetus had a left **lateral facial cleft** with bilateral cup ears and a low-set left ear, and the other fetus had a left **lateral facial cleft** with right microtia, bilateral accessory ears and bilateral skin tags on both cheeks. These cases confirm the utility of **three-dimensional sonography** in the **prenatal diagnosis of lateral facial clefts**.

PEOPLE ALSO ASK

Can a cleft palate be missed by an ultrasound?



How is 3D ultrasound used for facial clefting?



How to diagnose orofacial cleft in a baby?



Are there reliable detection rates for facial cleft?

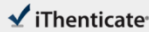


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Manuscript NO: 64736

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Prenatal diagnosis of isolated lateral facial cleft with ultrasonography and 3D Printing: A case report

Song WL *et al.* Prenatal diagnosis of lateral facial cleft

Wen-Ling Song, Hai-Ou Ma, Yu Nan, Yu-Jia Li, Na Qi, Li-Ying Zhang, Xin Xu, Yuan-Yi Wang

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<https://obgyn.onlinelibrary.wiley.com/doi/pdf/10.1002/uog.1058>

Lateral facial clefting (macrostomia) is a rare congenital malformation. It may occur either as an isolated phenomenon or in combination with other congenital anomalies. We present a case of lateral facial clefting diagnosed by antenatal ultrasound at 26 weeks of gestation. CASE REPORT A 33-year-old African patient, gravida 3 para 0, presented

Cited by: 18

Author: F. Presti, C. Celentano, L. Marcazzò, G. ...

Publish Year: 2004

[Ultrasound prenatal diagnosis of a lateral facial cleft ...](#)

<https://obgyn.onlinelibrary.wiley.com/doi/full/10.1002/uog.1058>

May 04, 2004 · Discussion. Isolated lateral facial clefts are rare congenital deformities with an estimated frequency of 1 in 50 000–175 000 live births 1, 2. While typical cleft lip and palate are due to a failure of union of the frontonasal process of the face with the lateral maxillary prominences at about 3–4 weeks' gestation 3, the etiopathogenesis of atypical craniofacial clefts is still unclear.

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lateral facial cleft with right microtia, bilateral accessory ears and bilateral skin tags on both cheeks. These cases confirm the utility of three-dimensional sonography in the prenatal diagnosis of lateral facial clefts. Keywords: Lateral facial cleft, prenatal diagnosis, three-dimensional sonography, ear deformity, no. 7 cleft Introduction

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