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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 58935

Manuscript Type: CASE REPORT

Neonatal isovaleric acidemia in China: A case report and literature review

Wu F *et al.* neonatal isovaleric acidemia

Abstract

BACKGROUND

Isovaleric acidemia (IVA) is a rare autosomal recessive inherited organic acidemia caused by a genetic deficiency of isovaleryl-CoA dehydrogenase (IVD). Its morbidity is low, but mortality is high. There is no effective cure for this disease. Early identification of IVA using clinical features can significantly slow disease progression and reduce mortality. Here we report a Chinese neonate with two mutations of IVD and share valuable information on this disease.

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Yasutsugu Chinen, Sadao Nakamura, Kunihiro Tamashiro, Osamu Sakamoto, Kyoko Tashiro, Takahiro Inokuchi, Koichi Nakanishi, **Isovaleric acidemia**: Therapeutic response to supplementation with glycine, l-carnitine, or both in combination and a 10-year follow-up **case** study, *Molecular Genetics and Metabolism Reports*, 10.1016/j.ymgmr.2017.03.002, 11 ...

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