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Cyclopia syndrome with normal karyotype

A one-eyed late preterm female neonate[†] was born of a non-consanguineous marriage in the month of December 2018, at the department of Gynecology and Obstetrics, R.G. Kar Medical College and Hospital, Kolkata, India. A diagnosis of a case of cyclopia was made on the basis of a partially divided eye in a single orbit, absent nose, proboscis above the eye (Fig. 1). Other noticeable anomalies included Polydactyly of hand. This condition was named after the single eyed giant 'Cyclops' in Greek mythology. The aetiology remains largely unknown. Some cases may have chromosomal abnormalities (namely trisomy 13), but karyotyping in this case was normal (Fig. 2). It is the severe most expression of holoprosencephaly

syndrome, with severe facial dysmorphism. Supportive

management was given, but the neonate died after one hour of birth. Antenatal ultrasonography should take a lead in early detection of such rare cases incompatible with life, and termination of the pregnancy should follow.

Conflicts of Interest: None.

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[†]Consent to publish clinical information and images obtained from patient's parent.

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