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Presurgical treatment of cleft lip and palate in Aicardi syndrome: A case report

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Abstract Aicardi syndrome is a rare neurodevelopment disorder characterized by agenesis of the corpus callosum, other developmental brain abnormalities, chorioretinal lacunae, severe seizures, and cleft lip and palate (CLP). This syndrome has been observed only in female due to be caused by an X-linked dominant gene that is lethal in hemizygous males. There has not been reported about the presurgical nasopalveolar molding (PNAM) treatment for Aicardi syndrome patient with CLP, although the importance of PNAM treatment for cleft lip is widely recognized. The purpose of this report was to present PNAM treatment for the case of Aicardi syndrome with CLP, along with a pertinent review of the literature, comparison to similar case reports, and to describe for the process of PNAM treatment in this syndrome.

Key words Aicardi syndrome, Cleft lip and palate, Presurgical nasopalveolar molding

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