

A Unique Journey: Navigating Pregnancy with Situs Inversus Totalis, AVSD, and Transposition of The Great Arteries (TGA): A Rare Case of Safe Maternal and Fetal Outcome

Yuliaty Eleanor Ponga*,***, Nareswari Imanadha Cininta M**,***, Manggala Pasca Wardhana**,***, Hermanto Tri Joewono**,***, Agus Sulistiyono**,***

ABSTRACT

Situs inversus is characterized by a mirrored placement of the thoracic and abdominal organs, opposite to their typical placement seen in situs solitus. With a prevalence of only 1 in 10,000, this condition is exceptionally rare. The defining feature of situs inversus totalis is the heart's placement on the right side of the chest, a condition termed dextrocardia. Most cases present with no complications or symptoms, but situs inversus totalis has a 2-5% prevalence of congenital heart disease, with transposition of the great arteries being the most frequent condition. This case involved a 31-year-old woman with situs inversus totalis, AVSD, and malposed great arteries who was pregnant. During the pregnancy, the patient was hospitalized once at 27/28 weeks of gestation due to dyspnea and was diagnosed with cardiomegaly and lung inflammation. She was hospitalized for one month and discharged in good condition. The pregnancy continued until 34 weeks of gestation, at which point it was terminated via cesarean section. Both the mother and the baby were discharged from the hospital with no complaints.

Keywords: situs inversus, dextrocardia, pregnancy.

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* Maternal-Fetal Medicine Trainee, Department of Obstetrics and Gynecology, Dr. Soetomo General Academic Hospital, Surabaya, Indonesia.
E-mail: yeponga@gmail.com

** Sub-Division Of Obsetrics and Gynecology, Maternal- Fetal Medicine, Dr. Soetomo General Academic Hospital, Surabaya, Indonesia.

*** Faculty of Medicine, Airlangga University, Surabaya, Indonesia.