

# Is Multiple Pregnancy Really a Risk Factor? Fetal Echocardiography Results in Tertiary Care Center

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## Abstract

**Objectives:** The aim of this study was to analyze the frequency and results of congenital heart defects (CHD) in multiple pregnancies by fetal echocardiography. **Method:** This retrospective study was conducted at our hospital between January 2016 and September 2019. A total of 9440 pregnant women were enrolled in this study, including 241 were multiple pregnancies. (232 twins, 7 triplets and 2 quadruplets). **Results:** The prevalence of CHD was significantly higher in twin pregnancies ( $p=0.05$ ). The rate of CHD was present in singletons 4.31% and twins 8.7%. There was no statistically significant difference between the two groups with respect to rate of critical congenital heart disease ( $p=0.32$ ). **Conclusion:** Multiple pregnancies had increased congenital heart defect risk compared with singleton. Therefore, it is important to refer for fetal echocardiography when necessary.

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