# Accepted Manuscript

Full length article

Determining the factors causing delayed referral for fetal echocardiography at tertiary care hospital

Asma Kanwal, Abdul Malik Sheikh, Tayyaba Saher

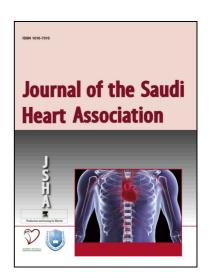
PII: S1016-7315(17)30159-8

DOI: https://doi.org/10.1016/j.jsha.2017.12.001

Reference: JSHA 445

To appear in: Journal of the Saudi Heart Association

Received Date: 25 August 2017 Revised Date: 22 November 2017 Accepted Date: 10 December 2017



Please cite this article as: A. Kanwal, A.M. Sheikh, T. Saher, Determining the factors causing delayed referral for fetal echocardiography at tertiary care hospital, *Journal of the Saudi Heart Association* (2017), doi: https://doi.org/10.1016/j.jsha.2017.12.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

Determining the factors causing delayed referral for fetal echocardiography at tertiary care hospital

#### **Abstract**

**Objective:** To determining the factors causing delayed referral for fetal echocardiography at tertiary care hospital.

### **Background**

Timely referral for fetal echocardiogram is considered essential for identification of congenital heart diseases, interventions and counseling of the parents. The present study highlights the factors associated with delayed referral for fetal echocardiography.

#### Material and methods:

This is a prospective study including a total of 200 pregnant females referred for fetal echocardiography. The data collected included referral indications, gestational age, maternal age, educational status, referral personale and final diagnosis on echocardiography.

#### **Results:**

The mean gestational age of presentation was found to be 33 weeks (SD 4.8 weeks). Among 200 females, 24 % were referred at second trimester, 69% were presented at third trimester and 6 % of the patients were presented at term. No patient was presented before 18 weeks. Our results showed that most of the patients (94 %) were referred by the gynecologist. 89 % of the patients were booked since first trimester. The most common indication for referral was unexplained death of the children (60%). Out of 200 pregnant women, 40 % were found to be illiterate, 60 % were educated. However, the mean gestational age of presentation of illiterate was 32.9 weeks (SD 4.2) and for educated was 33 weeks (SD 5). Congenital heart disease was diagnosed in 12 % of the patients.

**Conclusion**: On the basis of the results, it could be concluded that delayed presentation for fetal echocardiogram was not associated with the educational status of the patients. On the other side,

## Download English Version:

# https://daneshyari.com/en/article/8669760

Download Persian Version:

https://daneshyari.com/article/8669760

<u>Daneshyari.com</u>