

11th World Congress on Pediatric Cardiology and Congenital Cardiovascular Disease

April 18-19, 2017 London, UK

The ROSHDAP (Registry of Saudi heart diseases and pregnancy) study: Rationale and design of a plan for heart diseases during pregnancy in Saudi Arabia

Faisal O Alatawi

Taibah University, Saudi Arabia

Background: The incidence of heart disease in pregnancy (HDP) is 0.2% to 4% in Western countries but is unknown in the Kingdom of Saudi Arabia (KSA). Most valvular diseases in pregnancy are due to rheumatic heart disease, which still is common in KSA. Improvements in neonatal and pediatric cardiac surgery in KSA have resulted in children born with complex congenital heart disease reaching reproductive age and becoming pregnant. Congenital heart disease is common in KSA due to widespread practice of consanguineous marriages. Knowledge and experience in HDP are important for health care providers to deliver proper counseling and treatment. We report a proposal to establish the Registry of Saudi Heart Diseases and Pregnancy (ROSHDAP) a national registry program for HDP.

Methods: All pregnant women in KSA who have heart disease will be eligible to enroll in the program. Patients who do not consent to participate will be excluded. Prospective information about demographic, clinical, and social characteristics; laboratory tests, electrocardiography, and echocardiography; gestation; delivery; and maternal, fetal, and neonatal outcomes will be collected confidentially and electronically and transmitted from participating centers to a central coordinating office for data management and analysis.

Results: A 5-phase program plan was developed, including initiation, development, prelude, nationwide, and conclusion phases. A proposal has been submitted for registry funding.

Conclusion: The ROSHDAP will provide information for epidemiology, resource planning for intervention, and clinical research, and will improve health care for patients who have HDP and their children .

Biography

Dr. Faisal O Alatawi he is affiliated form Taibah University, Saudi Arabia he currently working for the department of medicine and he published many of the research papers in reputed journals.

fatawi@taibahu.edu.sa

Notes: