are likely to require respiratory support in the neonatal period. Despite the complex nature of their congenital heart disease, their surgical outcomes are good in our cohort of babies. The following information can be used when counseling parents antenatally and managing their expectations.

**Introduction**

Chest pain is a common paediatric presentation and can cause anxiety in patients, parents and healthcare professionals. Media coverage can heighten anxiety, but underlying cardiac pathology is rare in children. It is important to rule out serious underlying pathology and reassure appropriately.

**Case History**

A 16 year old boy with Type 1 Diabetes Mellitus was referred by his diabetes nurse non-specifically unwell with hyperglycaemia and pallor. He had a two day history of anxiety associated with improving dyspnoea and chest pain, and was taking his GCSEs. He was fully immunised but had been given a recent telephone diagnosis of measles, and is needle phobic.

On presentation, he was tachycardic with otherwise normal observations, and felt to be anxious. He became febrile and tachypnoic with capillary blood gases showed a worsening non-ketotic metabolic acidosis, and a CRP of 80. He eventually agreed to a cannula under midazolam sedation 10 hours post attendance.

He developed worsening central chest pain and dyspnoea which prevented him lying flat. An ECG and CXR were requested, however there was no ECG machine on the ward. Furthermore, nursing staff are not trained to record ECGs. On examination, he was pale, sweaty with a soft systolic murmur. His venous bloods showed a haemoglobin of 70, MCV 49 and platelets of 673.

The ECG showed inferior ST elevation and inferolateral T wave inversion. A troponin was 1595 and an echocardiogram findings which had been done by consultant cardiologists. A diagnosis of viral myocarditis was made causing left coronary inflammation, possibly exacerbated by microvascular disease secondary to diabetes, and anaemia.

**Conclusion**

Always rule out serious pathology with a background of chest pain first, and be aware that anxiety may be a cause but also an effect of chest pain. Be aware of becoming task focused, and the risk of not seeing the bigger picture.

**G24(P) ANXIETY AND CHEST PAIN: A CHICKEN AND EGG SITUATION?**

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**G26(P) SCREENING FOR CONGENITAL HEART DISEASE AMONG PRIMARY SCHOOL CHILDREN IN KHARTOUM STATE**

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**Background**

Congenital heart defects are the most common type of birth defects and remain the leading cause of death from congenital malformations.

**Aims**

To determine the prevalence of latent congenital heart disease (CHD) among Governmental primary school children in Khartoum state.

**Methods**

This is Descriptive cross sectional school based study which was conducted in the three localities in Khartoum state (the capital of Sudan) which are Sharq Alneel, Khartoum and Omdurman locality using a multistage clustered sampling technique recruited 2400 pupils aged between 6 and 14. Team of doctors worked the history and clinical examination to be related to Echocardiography (Echo) findings which had been done by consultant cardiologists using a multistage clustered sampling technique recruited 2400 pupils aged between 6 and 14. Team of doctors worked the history and clinical examination to be related to Echocardiography.