



### Utilization of Clinical Criteria and Laboratory Investigations to Identify High Risk Children for Coronary Involvement in Kawasaki Disease Presenting to Lady Ridgeway Hospital, Colombo, Sri Lanka

**Dr Pulahinnage Thushara Milinda Rodrigo**

Great Ormond Street Hospital, NHS Trust, United Kingdom

#### Abstract:

Kawasaki disease is an acute medium and small vessel vasculitis, which has a predilection for coronary arteries. Coronary artery involvement can vary from mild ectasia occurring nearly 40% to giant coronary artery aneurysms. Hence, we sought to determine a correlation between selected clinical and laboratory criteria in order to predict high risk children with Kawasaki disease for coronary involvement in order to optimise the initial management and follow up.

Serial analysis of Clinical, biochemical and echocardiographic parameters of 101 patients with diagnosed Kawasaki disease within the first 10 days of the illness and followed them up paying special attention to coronary artery dilatation according to coronary artery standard deviation charts and visual



**Biography:** Dr Thushara Rodrigo has completed his primary medical degree (MBBS) from Faculty of Medicine University of Peradeniya, Sri Lanka in 2011 with a second-class honor. He completed his post graduate diploma in child health with a Gold Medal awarded by Sri Lanka College of Paediatricians in 2014 and MD in paediatrics in 2017 from University of Colombo, Sri Lanka.

#### Publications:

1. Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for *Aspergillus niger* isolates
3. Au-Ag-Cu nanoparticles alloys showed antifungal activity against the antibiotics-resistant *Candida albicans*
4. Induce mutations for Bavistin resistance in *Trichoderma harzianum* by UV-irradiation
5. Biliary Sludge. Analysis of a Clinical Case

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