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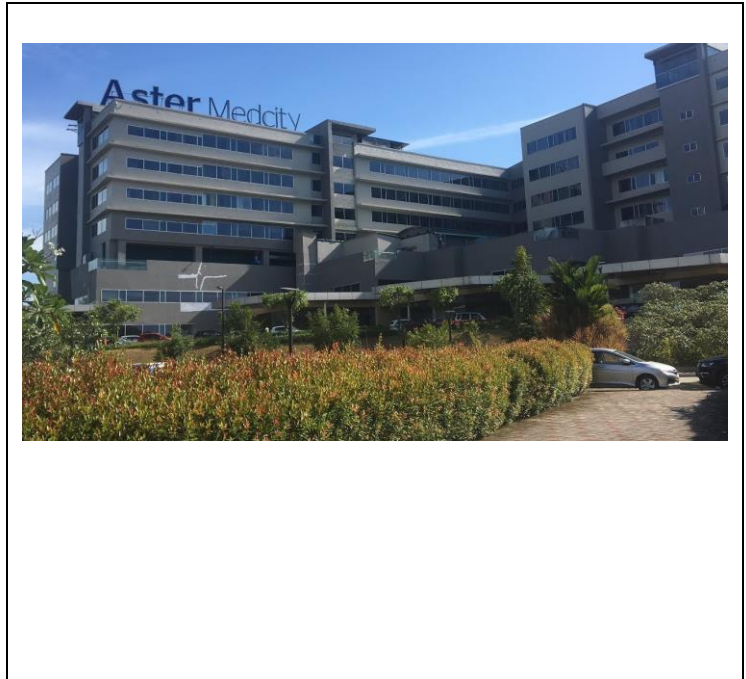
Malignant hyperthermia in a paediatric renal transplant: A case report. Mrs. Dr Nidhin

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Abstract: Malignant hyperthermia is a pharmacogenetic disease triggered in susceptible individuals as a hypermetabolic response triggered by halogenated anaesthetics. The incidence of malignant hyperthermia is very less and the incidence occurring while on-going with renal transplant is considerably nil. The possibility of witnessing a malignant hyperthermia perioperative is a nightmare. The critical nature of the surgery and the on-going disease process in a paediatric patient makes it cumbersome and upon which a myoglobinemia, shock, and ischemia play a role in injuring the transplanted kidney.

Here we describe a 5 year old child diagnosed with posterior urethral valve and bilateral vesicoureteric reflux and has undergone ureterostomy and nephroureterectomy for non-functioning kidney and on-going with peritoneal dialysis all under general anaesthesia without any complications.

This patient is posted for live related renal transplantation and right nephroureterectomy under general anaesthesia and then we describe a case of malignant hyperthermia, its clinical course, and the measures taken to successfully treat it and preserve the function of a kidney allograft.



Publications:

Malignant hyperthermia in a paediatric renal transplant: A case report.

Biography: Dr Nidhin has completed his basic medical degree from UCMS college Nepal and then attained his post graduation from Anaesthesia from Yenepoya medical college from mangalore and then has obtained Post doctoral certificate course in Liver transplant anaesthesia from one of Indias most renowned high volume liver transplant centre- Global hospital Hyderabad. Currently he is working in Aster medcity hospital Kerala from last 2 years.

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