



VASCULAR EMERGENCY IN A POST RENAL TRANSPLANT PATIENT

Dr. A. Dhavapalani

M.S., FRCS, FRCS(A&E), FCEM

Consultant & Head, Emergency Department

Apollo Hospitals, Chennai

33 year old female, known case of chronic kidney disease due to IgA Nephropathy underwent renal transplant in 2012, on immunosuppression. She now came in with complaints of severe upper abdominal pain radiating to back. The pain was not associated with fever, vomiting, urinary symptoms or altered bowel habits. In the Emergency Department she was haemodynamically stable except for persistent hypertension. Her abdomen examination revealed epigastric region tenderness and no signs of guarding or rigidity.

Despite adequate doses of analgesics the severity of pain persisted with a pain score of 8/10. This along with normal laboratory test values raised a strong suspicion for a vascular event.

The bed side ultrasound revealed a flap in the aorta. She was rushed for a CT Aortogram which revealed dissection of ascending, arch, descending and abdominal aorta upto the origin of superior mesenteric artery and an aneurysm of infrarenal abdominal aorta.



Vascular surgery team was quickly alerted and she was taken up immediately for surgical repair – aortic valve and root repair with ascending aorta replacement.

She had normal functioning prosthetic valve post operatively and she was discharged well in a week.

Summary

Vascular event is a life threatening emergency condition. A high index of suspicion and early treatment can reduce the risk of mortality and improves the outcome in patients.

Apollo Hospitals

Greaves Lane, Greaves Road, Chennai – 600006.

Email: infochennai@apollohospitals.com