

RENAL FAILURE DUE TO RICININE IN A TRANSGENDER MALE AFTER BUTTOCK AUGMENTATION WITH CASTOR OIL

Dharmeshkumar Sutariya, George Coritsidis,
Mount Sinai School of Medicine, Elmhurst Hospital Center, Elmhurst,
NY, USA.

As we started to give patient oriented care we have learned more about patients. As we have learned cosmetic medical care of transgender patient require special attention. It is very hard for these patient to come out of their stigma of socially not being accepted and seek cosmetic medical care, often they tend to seek non medical person. Silicone had been used to augment breast and buttocks in past but because of cost of silicon implantation people have tried different alternative like castor oil.

Case Report: A 25 year old Guatemalan transgender male with no prior medical history presented with bilateral buttock pain, diffuse abdominal pain, nausea, vomiting and hematuria for 2 days after having buttock injection with unknown amount of castor oil.

Patient was ill looking and oliguric with acute renal failure. Initial urine was positive for protein. Initial labs showed acute renal failure with thrombocytopenia and liver failure.

CT scan of lower extremities showed right mid-thigh focal fluid collection in subcutaneous soft tissue was not able to aspirate.

In spite of initial adequate fluid resuscitation acute renal failure worsened and became anuric required dialysis. Patient became fluid overloaded and required intubation. Over the course of a week patient improved with daily dialysis and fluid removal. As no signs of renal function improvement patient was discharged with outpatient dialysis. patient's renal function slowly improved over 6 months and patient was no longer required dialysis.

We also sent injected material recovered from his home to department of health lab for toxicology investigation. It was found to be positive for ricinine, as we don't have reference value of ricinine for toxicologic effect we assume that acute renal failure was due to castor oil contaminated with ricinine.