

Clinical Image

Immediately Glans Penis Ischemia after Circumcision

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Clinical Image

A 22-year-old robust military man received an elective circumcision at urology department. During the operation, 2% lidocaine without adrenaline was used for local anesthesia, Monopolar electro-cauterization was achieved for hemostasis. Penile skin was sutured with interrupted 4-0 Vicryl Rapide. Immediately discoloration of the glans started and progressed to ischemia change after several hours later (Figure 1).

Physical examination revealed a cyanosis change over glans penis. Serum D-Dimer leveled 310.75 ng/mL FEU, Protein-C 90.2%, Protein-S 118.0% and Anti-thrombin III 100.6% respectively.

Color Doppler (CD) ultrasonography revealed a normal blood flow (Figure 2). A conservative treatment started with intravenous prostaglandin E2 infusion. In addition, we choose alternative Daily hyperbaric oxygen therapy (2.5 ATA 90 min with 5 min air brakes every 15 mins) were administrated for 7 days. The patient was fully recovered and discharged (Figure 3).



Figure 1: Panel A.

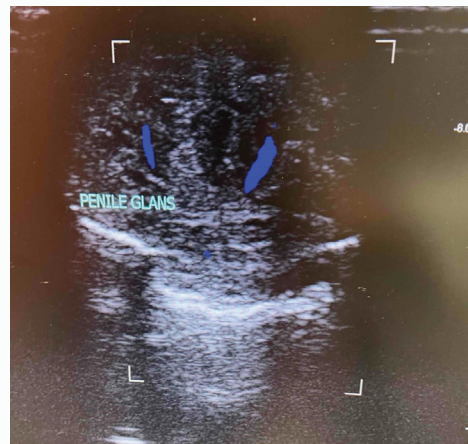


Figure 2: Panel B.



Figure 3: Panel C.

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