RARE PRESENTATION OF ATYPICAL HEMOLYTIC UREMIC SYNDROME(aHUS) AS RENOMEGALY TREATED SUCCESSFULLY WITH ECULIZUMAB

Gurinder Kumar, Mohammed K. AlGhabra, Zubaida Allsmaili, Omar AlMasri, Eslam Tawfik, Aman P. S. Sohal, Bassem S. Hendawy, Eihab Alkhasawneh

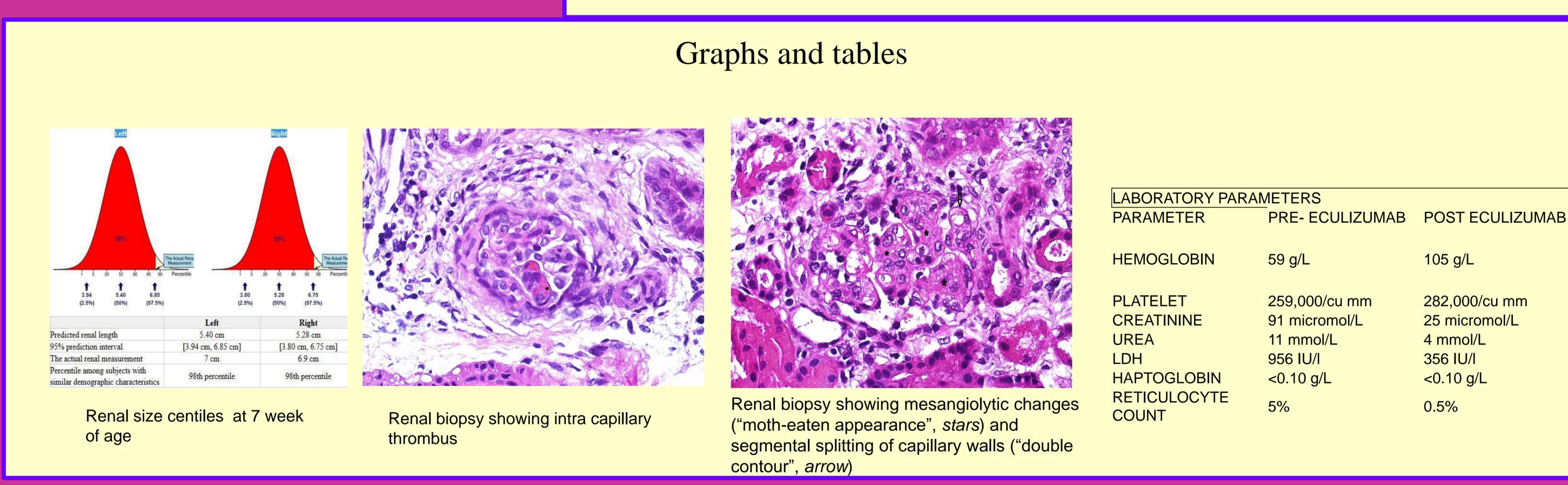
Sheikh Khalifa Medical City, Division of Pediatric Nephrology, Abu Dhabi, UNITED ARAB EMIRATES

Introduction:

Atypical Hemolytic Uremic Syndrome(aHUS) is a disorder of complement system which can have varied presentation. Renomegaly is one of the manifestation of aHUS which is often underemphasized.

Case Report:

We report the case of a 7 month old male child who presented at 7 wk of life with respiratory distress and had features of anemia, acute kidney injury and hypertension. Platelet count was normal and LDH was increased. Renal imaging showed bilateral renal sizes 6.8 and 6.7 cm with increased echogenicity. He required multiple blood transfusions and antihypertensives. A renal biopsy was done which showed features of thrombotic microangiopathy(intracapillary thrombus in slide 1 and mesangiolysis/capillary wall splitting in slide 2) He was initiated on Eculizumab(Ecu) which improved his renal and hematological parameters. Genetic testing did not reveal any mutation.



Results:

Child showed improvement in clinical and laboratory parameters on Ecu.

Conclusions:

aHUS should be considered in the differential diagnosis of renomegaly especially if any marker of thrombotic microangiopathy is positive in a hypertensive child.

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