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Quiet a Puzzle: A Case Report of 15 year Old Female with Severe Anemia Due To Scurvy



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Introduction /Background

Figures/Methods

Results / Discussion

Sourvy is historically thought of as a disease affecting sailors in the seventeenth century.

In the seventeenth century.

Vitamin C deficiency is rare in the developed world. It is mainly found in patients with noon putrition and specifically.

those with developmental delay.

The spectrum of scurvy is varied and includes

dermatological, dental, bone and systemic manifestations.

We present to you a case of a 15-year-old female with trisomy
21 presenting with severe anemia as a direct cause of vitamin
C deficients.

Case Presentation

The patient presented with a one month history of progressive bilateral lower extremity brusing and inability to walk. Physical exam notable for trisomy 21 features. Bilateral swelling in lower extremities with the right call more swollen tran the left. Perifolicular hyperkerizotic papules with surrounding original heren have noted on user externities with the progression of the progression of the progression or externities.

Bilateral lower extremities had large areas of ecchymosis with significant tendemess on palpation. Reminder of the physical exam and review of the systems is unremarkable.

with coiled hair. See figures 1 and 2

The patient underwent an extensive workup which showed to normocycle amenium with a hemoglobiol of 8 g/std, elevation of 6 g/std, elevation of 6 g/std, elevation of comprehensive metabolic panel; inon studies, conquistion studies, and automorum markers was unremarkable. Hemoglobiol based were grouply traverse unremarkable hemoglobiol based were grouply traverse unremarkable panel hemoglobiol based to be a superioristic panel seek poctumal hemoglobiolistics. Fautor deficiencies, Platelet function assist, and protein C and S over unremarkable.

Duplex ultrasound, CT and CTA of lower extremities were unremarkable. Vitamin C levels were low and barely detectable at <0.1 mol/d. Consent for photographs of exam findings were obtained from parents.



Figure 1: Image on the large areas of ecchymosis in lower extremities bilaterally.



Figure 2: Perifollicular hyperkeratotic papules with surrounding



Figure 3: Significant improvement after two weeks of treatment.

Patient was started on vitamin C supplementation of 250 mg twice a day and iron supplementation. She was found to have low B12 and vitamin D levels on subsequent visits. Significant

improvement was noted after three weeks of treatment as the patient was able to walk, in addition to near-complete resolution of her ecchymosis and improvement in her anemia. Souny can have a wide variety of presentations. Earlier

symptoms may include: initiability, weight loss, which can progress to brusing and loss of teeth. Ecotymosis can be extensive and severe, causing inability to bear weight as seen in this patient.

Our patient had findings of normocytic anemia with mean corpuscular volume on the upper limit of the normal range, which was explained by her vitamin B12 deficiency.

Conclusion

Sourry or vitamin C deficiency is considered rare especially in the developed word. A number of case reports discussed variable presentations such as limp, ecchymosis and others.

It is very essential to recognize nutritional deficiencies in patients with new onset selective eating behaviors especially in those patients with developmental delay.

Vitamin C deficiency and associated symptoms can be easily newested within weeks with vitamin C of interementation.

Datemoras:

Agarwal, Anil, et al. "Scuny in Pediatric Age Group – A Disease Other Forgotisen?" Journal of Clinical Orthopsedict and Trauma, vol. 6, no. 2, 2015, pp. 101-107, doi:10.1016/j.co.2014.12.003. Hahn, T., Adains, W., & Williams, K. (2016), is vitamin C enough? A case report of sourcy in a file-year-old girl and oview of the literature. BMC pediatric, 19(1), 74.