

A CASE REPORT

M. Faza Akroma¹

¹*HVA Hospital Toeloengredjo Pare, Kediri, Indonesia*

Address for Correspondence: serviceheb@gmail.com

Henoch-Schönlein purpura (HSP) is a systemic vasculitis involving small vessels with the deposition of immune complexes containing IgA [1]. HSP primarily affects children, and its annual incidence is estimated to be 15 cases/100,000 per year [2] in children compared to 1.3 cases/100,000 per year in adults [3]. Peak age incidence is 4–6 years and 90% of HSP cases occur before the age of 10 years [4]. Research showed several differences in the clinical features of HSP between adults and children [5]. Associated findings include free intraperitoneal fluid, ileus of affected loop, vascular engorgement in the adjoining mesentery and non-specific lymphadenopathy [6]. We report a 6-years-old female presented with severe abdominal pain since two days before entering the hospital. Before it, abdominal pain has started to appear since one week, but sometimes and mild. Other symptoms is skin rashes and joint pain for nearly 9 days. The skin rashes initially appeared in bilateral leg which then progressed to bilateral thigh, gluteal region and hands. Skin rashes without fever, epistaxis, hematemesis, and melena. Patient not complain vomiting. Patients without complaint of seizure. Normal defecation and normal urination. Physical examination showed erythematous, palpable, purpuric rashes on the upper extremities and lower extremities. Upper and lower abdomen ultrasonography showed mesenteric lymphadenitis, consistent with the diagnosis of HSP. We report on the clinical presentation of our patient, and review Children-onset HSP.

References

- [1] O'Donoghue DJ, Darvill A, Ballardie FW. Mesangial cell autoantigens in immunoglobulin A nephropathy and Henoch-Schönlein purpura. *J Clin Invest.* 1991;88: Page No: 1522–1530
- [2] Nielsen HE. Epidemiology of Schönlein-Henoch purpura. *Acta Paediatr Scand.* 1988.
- [3] Fervenza FC. Henoch-Schönlein purpura nephritis. *Int J Dermatol.* 2003;42: Page No: 170–177
- [4] Watts RA, Scott DG. Epidemiology of the vasculitides. *Semin Respir Crit Care Med.* 2004;25(5): Page No: 455-464.
- [5] Yoon Kang, et al. Differences in Clinical Manifestations and Outcomes between Adult and Child Patients with Henoch-Schönlein Purpura. *J Korean Med Sci.* 2014 Feb; 29(2): Page No: 198–203.
- [6] Jeong YK, et al. Gastrointestinal involvement in Henoch-Schönlein syndrome: CT findings. *AJR Am J Roentgenol.* 1997;168: Page No: 965–968.

Biography

Faza has completed her doctor at the age of 23 years from Yarsi University, Indonesia. He is internship doctor in HVA Hospitals Pare Kediri, Indonesia.

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