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*Vo Thi Tuong Vy**Children's Hospital 2, Vietnam***CMV infection in children with systemic lupus erythematosus: Description of 3 cases**

Background: Systemic Lupus Erythematosus (SLE) is a chronic autoimmune disease that can involve many organs. In patients with SLE, there is an association of immunodysfunction due to the disease itself and immunocompromised conditions due to the use of immunosuppressive medications that put the patients susceptible to opportunistic infections. Cytomegalovirus (CMV) has been recognized in recent years to have multi-organ involvement in SLE patients. However, the screening and treatment for CMV infection in SLE patients has not been appropriately done.

Cases: We reported herein three cases of severe CMV disease in pediatric SLE patients. CMV infection was detected after SLE diagnosis; all were female from 12 to 16 years old, gastro-intestinal manifestations in two patients, proliferative nephritis in two, fever and hematologic manifestations in all patients. All patients presented a high viral load in the blood while tissue CMV found in two of three: Cerebrospinal fluid and bone marrow. Two patients received Ganciclovir who fully recovered but one patient died with active CMV infection without antiviral treatment.

Conclusion: This is the first report on CMV disease in SLE patients in Vietnam, having changed our view in the management of infectious problem for these patients.

Biography

Vo Thi Tuong Vy is a Medical Nephrologist with expertise in Pediatric Nephrology such as systemic lupus erythematosus, pediatric chronic kidney disease and glomerular disease. She has earned her Medical degree and completed her Medical Residency in Pediatric Nephrology at Medical University at Ho Chi Minh City, Vietnam. She is interested in systemic lupus erythematosus and CKD. She had completed some CMEs about pediatric dialysis, pediatric kidney transplantation, glomerular disease in children. Furthermore, in her department, she is taking part in a research about measuring disease activity of SLE base on SLEIDA in pediatric outpatients.

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