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Late Discovery of an Homozygous SS Sickle Cell Disease: Case Report

Topic: Health Conditions (Nervous System, Musculoskeletal System, Cardiopulmonary System)

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This study reports a case of late discovery of sickle cell disease in a 21-year-old woman, student and mother of two children, with no particular medical history, seen in consultation at the Physical Medicine and Rehabilitation (MPR) department of the General Reference Hospital of Niamey.

The symptoms began at eighth month of pregnancy and consisted of a sharp pain in the right groin, responsible of a limp. The X-ray of the pelvis and the profile of right hip revealed necrosis of the femoral head, biological examinations showed moderate anemia, the increase of the sedimentation rate (ESR) and C-Reactive protein (CRP) plus the existence of a homozygous SS hemoglobinopathy. The treatment before delivery consisted of taking analgesics, anti-inflammatories, the use of a cane during walk and rest. At three months postpartum, a total hip replacement was performed, followed by functional rehabilitation. The follow-up at 6 months after delivery was marked by the resumption of daily activities. Her second child was born two years later, but the patient passed away 14 months after her second delivery, due to severe malaria. We report this rare case of late discovery of homozygous SS sickle cell disease.

Statement of Disclosures

None

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