# Liver Disease In Sickle Cell Anemia American Journal Of

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**LIVER ENZYMES IN NORMAL AND SICKLE CELL SUBJECTS**
**Sickle cell anemia is one of a group of disorders known as sickle cell disease. Sickle cell anemia is an inherited red blood cell disorder in which there aren't enough healthy red blood cells to carry oxygen throughout your body.**

**Sickle cell disease - Wikipedia**
**The clinical spectrum of sickle cell disease ranges from mild liver function test abnormalities to significant hepatic abnormalities with marked hyperbilirubinemia. Multiple factors may contribute to the etiology of the liver disease, including ischemia, transfusion related viral hepatitis, iron overload, and gallstones.**

**Liver sequestration in sickle-cell disease and hepatitis ...**
**Autoimmune Liver Disease in Children with Sickle Cell Disease. Jitraruch S(1), Fitzpatrick E(2), Deheragoda M(3), Deganello A(4), Mieli-Vergani G(2), Height S(5), Rees D(5), Hadzic N(2), Samyn M(6). Author information: (1)Pediatric Liver, GI, and Nutrition Center, King's College Hospital, London, United Kingdom; Department of Pediatrics, King Chulalongkorn Memorial Hospital, Bangkok, Thailand.**

**Study of Chronic Hepatopathy in Patients With Sickle Cell ...**

**Up to 30% of patients with sickle cell disease (SCD) develop chronic liver disease via etiologies including sickle cell hepatopathy, acquired viral hepatitis, or secondary hemochromatosis. It is unclear how many patients with SCD ultimately undergo liver transplantation (LT) and what factors are associated with survival after LT.**

**Sickle cell anemia - Symptoms and causes - Mayo Clinic**
**Sickle cell disease (SCD) is a group of blood disorders typically inherited from a person's parents. The most common type is known as sickle cell anaemia (SCA). It results in an abnormality in the oxygen-carrying protein haemoglobin found in red blood cells. This leads to a rigid, sickle-like shape under certain circumstances. Problems in sickle cell disease typically begin around 5 to 6 ...**

**Gall Bladder and Liver Disorders in Sickle Cell Disease**
**Liver disease is an important cause of morbidity and mortality in patients with sickle cell disease (SCD). Despite this, the natural history of liver disease is not well characterized and the evidence basis for specific therapeutic intervention is not robust. The spectrum of clinical liver disease e …**

**Liver Disease In Sickle Cell**

**Patients with sickle cell disease can develop liver disease as a result of intrahepatic sickling of erythrocytes, viral hepatitis and iron overload secondary to multiple blood transfusions, and gallstone disease as a result of chronic hemolysis. The spectrum of clinical liver disease is wide and often multifactorial.**

**Sickle cell disease | Radiology Reference Article ...**

**The Liver in Sickle Cell Disease Acute Processes There are several causes of right upper quadrant pain as it specifically relates to SCD. In patients admitted for acute vaso-occlusive crisis (severe pain in chest, abdomen, and joints), the liver is involved in about 39% of cases.7 These patients present with abdominal meteorism, right upper ...**

**Interim assessment of liver damage in patients with sickle ...**

**Sickle cell disease has long been associated with liver damage. In view of the problem pose by sickle cell disease, the liver enzymes, alanine transaminase, aspartate transaminase and alkaline phosphatase levels in plasma or serum can give some insight into the state of the liver in either “steady state” or “crisis” situations. 2.**

**Sickle cell hepatopathy - AASLD**

**Sickle cell disease (SCD) (historically known as drepanocytosis) is a hereditary (autosomal recessive) condition resulting in the formation of abnormal hemoglobin (a hemoglobinopathy), which manifests as multisystem ischemia and infarction, as well as hemolytic anemia. Hemoglobin SC (HbSC) disease, although a sickle cell disease subtype, with similarities to the classic condition, should ...**

**Liver Fibrosis in Sickle Cell Disease - Full Text View ...**
**Sickle cell hepatopathy encompasses a range of hepatic pa-thology arising from a wide variety of insults to the liver in patients with sickle cell disease. It occurs predominantly in patients with homozygous sickle cell anemia, and to a lesser extent in patients with sickle cell trait, Hb SC disease and Hb S bthalassemia.**

**Autoimmune Liver Disease in Children with Sickle Cell ...**
**Patients 10 years and older with sickle cell disease without history of chronic transfusions (less than 4 transfusions in a lifetime) and without obvious liver disease. Will have liver function blood tests and general health check ups. Then will have FibroScan performed. No liver biopsy will be performed in control patients.**

**Liver Transplantation in Patients with Sickle Cell Disease ...**

**The etiologies of hepatobiliary disease were as follows: cholelithiasis and/or choledocholithiasis in 40 patients (52%) with evidence of cholecystitis on ultrasound in 5, AILD in 13 (17%), sickle cell hepatopathy in 6 (8%), viral hepatitis in 6 (8%), cholangiopathy secondary to SCD in 5 (6%), and others in 7 (9%: 2 systemic lupus erythematosus, 2 iron overload, 1 drug induced liver injury, 1 ...**

**Gastrointestinal and Hepatic Complications of Sickle Cell ...**
**Sickle cell disease (SCD) is an autosomal recessive abnormality of the beta-globin chain of hemoglobin (Hb), resulting in poorly deformable sickled cells that cause microvascular occlusion and ...**

**Management of Liver Complications in Sickle Cell Disease**
**Liver disease is fairly common in sickle-cell disease and includes several intrahepatic disorders that cause occlusion of blood vessels; they can occur when the patient is not in a sickle-cell crisis. Sequestration of sickle cells occurs more frequently in the spleen, with splenic sequestration crises being the presenting symptom in up to 20% ...**

**The Liver in Sickle Cell Disease**
**Chronic hepatitis is subtle, with only 25% of patients having AST/ALT as high as twice normal. In sickle cell disease, cirrhosis occurs, and liver**

**transplants are now being done (Emre et al 2000). Chronic hepatitis C produces extra-hepatic manifestations that can confound the management of sickle cell disease.**

**Autoimmune Liver Disease in Children with Sickle Cell Disease.**
**Survival in patients with sickle cell disease (SCD) has improved in recent years but it still falls behind that of the general population (Hassell, 2010).Sickle-related complications affecting multiple organs, including the liver, contribute to the early mortality (Powars et al , 2005; Gardner et al , 2016).Liver fibrosis stage, particularly the development of cirrhosis, has been shown to be ...**