**The role of hepatitis A virus infection in neonatal hyperbilirubinemثشia in Baquba city**

**Abstract**

**Objective :** to investigate if there is a relationship between neonatal hyper-bilirubinemia and hepatitis A infection .

**Methods :** This study was conducted in Al Batool Teaching hospital Baquba/Diayla province over the period of 5 months , after taking the permission a close ended questionnaire was filled and 3cc of blood was drown from the neonate and serum was tested for the presence of anti HAV IgM .

**Results :** the positive results obtained from blood testing was highest among the neonate aged one week and who were male gender and these with maternal risk factor and their total bilirubin ranged between 10-19 mg/dl and in neonate who were fed with mixed feeding (breast ,artificial and sugar and water ) .