

## Fine Needle Aspiration Cytology in Splenomegaly

Arshad Mumtaz and Anwar UI Haque

Department of Pathology, National Institute of Health, Islamabad.

\* Department of Pathology, Pakistan Institute of Medical Sciences, Islamabad.

A prospective study of Splenic Fine Needle Aspiration Cytology on 31 splenomegalic patients was carried out. Quite cellular aspirates were obtained from all cases. The cases were divided into reactive hyperplasia, granulomatous inflammation, parasitic infestation, extramedullary erythropoiesis, lipid storage disease, haemophagocytic syndrome and neoplastic disorders. Splenic Fine Needle Aspiration Cytology was found quite useful in diagnosis of both neoplastic and nonneoplastic diseases. In 42 % cases, it provided the first and the specific diagnosis, in 35% cases it confirmed the splenic involvement in already diagnosed systemic disease and in the rest 23% cases it ruled out splenic involvement in the systemic diseases. The splenic Fine Needle Aspiration Cytology is a safe, simple, quick, inexpensive and highly valuable diagnostic procedure as a primary investigation in splenomegaly.

Key words: Fine Needle Aspiration Cytology (FNAC), Splenic Fine Needle Aspiration Cytology (sFNAC), Splenomegaly.