

Calicut Medical College – Diagnosis and treatment of Primary Immune Deficiency Disorders

Laboratory Facilities:

Nephelometry

Karyotyping

Basic flow cytometry for lymphocyte subsets-

CD 18, naïve and memory T cells

Oxidative burst assays - NBT, DHR

Immunohistochemistry

PCR, Fluorescent in situ hybridization

Sanger sequencing –

Hotspot mutations for- X linked Agammaglobulinemia

Hyper IgD syndrome

Hyper IgM syndrome

Antenatal diagnosis

Amniocentesis and chorionic villus sampling

Therapeutic Facilities

IVIg Replacement therapy

Blood component therapy

Genetic counseling

Dedicated immune deficiency clinic for follow up