PID Facilities in India

Sir Ganga Ram Hospital, New Delhi

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Resource person:

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Diagnostic facilities available

- Nephelometry based assays
 - Serum Ig profile (IgG, IgA, IgM)
 - Serum Complement levels (C3/C4)
- Flowcytometry based tests

Surface expression

- Lymphocyte subset analysis
- T Reg, HLA DR
- CD11a, CD11b, CD18 for LAD
- Double negative T cells for ALPS
- CD 62L shedding

Intracellular antigens

- Perforin estimation
- SAP/XIAP for HLH

Functional assays

- NBT/DHR for CGD
- Others
 - Serum Isohemagglutinins
- Molecular
 - Gene sequencing for BTK, WAS, XLP 1&2, CYBB (CGD), RAG1 (SCID), ADA (SCID), IL2RG (X-SCID), ELAN2 (Cyclic neutropenia), Ataxia telangiectasia screening (Cytogenetics) and molecular, FISH 22q11,