Suspected SCID or (+) NBS/FH

Test ADA Enzyme in RBC/WBC

Results Consistent with ADA-Deficiency → No

ADA SCID Confirmed

Yes ← Matched Sibling/Family Donor

Perform non-conditioned BMT (Consider ERT if infection or PAP)

ADA ERT Available

Yes ← Start ADA ERT

Gene Therapy (Reduced Intensity)

If gene therapy not available or unsuccessful

No ← Allogeneic HSCT (Unrelated Donor or Haplo-identical)

OR

Autologous HSCT (Gene Therapy)

No ← Allogeneic HSCT (Unrelated Donor or Haplo-identical)

OR

Continue Long-Term ERT