

**Abstract Title:** Workshop on Newborn Screening

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**Abstract:** Comprehensive Newborn screening aimed as a public health program has a potential to save 1 in 300 lives. Involvement of both sent out tests collected by a sterile heel puncture should aim at universally screening for congenital hypothyroidism, congenital adrenal hyperplasia and G6PD deficiency. Additionally screening for hemoglobinopathies may help trigger a cascade to lower incidence of future births with a significant drain on national resources .Point of care tests include screening for critical congenital heart disease has the potential to significantly improve neonatal, infant and Under 5 mortality rate. Screening For hearing impairment which contributes immensely to disabled population is also addressed under comprehensive newborn screening program. Offsetting mortality statistics by survival

of preterm and small for date neonates with undiagnosed retinopathy of prematurity(ROP) may be a leading cause of preventable blindness. Screening and treating ROP may thus be a step forward for preventing blindness. Adding expanded screening for aminoacid, fatty acid and organic acid disorders in sick care newborn units may further be encouraged

**Area of expertise:** Newborn Screening and Inborn errors of metabolism