

Download Neonatal Screening For Inborn Errors Of Metabolism

Newborn Screening and Inborn Errors of Metabolism. Because of technological advances [such as the introduction of tandem mass spectrometry (MS/MS), allowing the simultaneous detection of multiple analytes] and improved outcomes of patients with IEMs identified and treated early, many IEMs are now included in newborn screening programs. Previous Article Neonatal screening for inborn errors of metabolism Next Article Transmission of infections during commercial air travel In his account of the plans for extended neonatal screening in the USA, From early 2015 the NHS Newborn Blood Spot Screening Programme in England is offering screening for a total of nine disorders, six of which are inborn errors of metabolism. The UK screening programme is regulated by the Department of Health through the National Screening Committee (UK NSC) and clear recommendations exist regarding management and follow-up of positive screen results. Methods We compared the rates of detection of 31 inborn errors affecting the metabolism of the urea cycle, amino acids, and organic acids and fatty-acid oxidation among 362,000 newborns screened ...