Chapter 2 Aims and Objectives
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2.1 RESEARCH AIMS

The primary aim of this study is to analyse the rate of motor development of Mangalore-Urban children from birth (1-2 months) till 36 months of age on PDMS-2 instrument. The secondary aim is to assess similarities between cross-sectional and longitudinal norms of PDMS-2 on same age group infants/children to recommend the need for its modification or standardisation, if needed.

2.2 RESEARCH OBJECTIVES

Following are the main objectives of this study:

i. To assess the rate of motor development in age range of birth (1-2 months) to 36 months for Mangalore-Urban infants/children on PDMS-2 instrument through changes in subtests and quotients scores;

ii. To assess PDMS-2 norms applicability on longitudinal study sample for same age group infants/children through percentile ranks for subtests and quotients; and through age equivalents for subtests only; to suggest the need for modification or standardisation of PDMS-2, if needed; and,

iii. To assess the gender differences in motor development pattern of same age group infants/children on PDMS-2 instrument.