

**Development of
Child Development Handbook: Birth to Age 5
Parent Version
Mental Health Department**

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Abstract

Objective:

To develop a parent-version handbook of child development covering birth to age 5 according to Mental Health Department

Method:

The handbook was developed based on a development assessment tool of Mental Health Department, Ministry of Public Health, for newborn to 5 years. The form contains 654 assessment items which cover 5 development domains: 1) gross motor; 2) fine motor; 3) receptive language; 4) expressive language; and 5) personal and social care. The selected items in each development domain were determined from child development norms of Thai children at 75 and 90 percentile using multiple logistic regressions, and prioritized by differences in child development norms. The total 70 assessment items finalized by specialists were classified into 14 age groups: 1 month, 2 months, 3-4 months, 5-6 months, 7-9 months, 10-12 months, 13-18 months, 19-24 months, 25-30 months, 31-36 months, 37-42 months, 43-48 months 49-54 months and 55-60 months. The construct validity and the reliability of the handbook were then measured using the Kuder-Richardson Formula.

Results:

1. The Child Development Handbook: Birth to Age 5, Parent Version, Mental Health Department, contains 70 items covering 5 domains: 1) 14 items of gross motor; 2) 13 items of fine motor; 3) 14 items of receptive language; 4) 15 items of expressive language; and 5) 14 items of personal and social care.
2. The reliability of the Child Development Handbook: Birth to Age 5, Parent Version, Mental Health Department, was measured with the Kuder-Richardson Formula. The results showed that it scored 0.892 in gross motor, 0.918 in fine motor, 0.941 in receptive language, 0.977 in expressive language and 0.935 in personal and social care.

Conclusion:

The research confirmed that the Child Development Handbook: Birth to Age 5, Parent Version, Mental Health Department, was reliable. However, future studies on the handbook should also be conducted for further improvement.