

# Hawaii Early Learning Profile HELP<sup>®</sup> Birth to Three

## Validity Study Summaries – 2015-2016

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### **Study 1. Validity Evidence for the Hawaii Early Learning Profile (HELP<sup>®</sup>) Birth-3 Years: Correlations with Battelle Developmental Inventory<sup>™</sup>, 2nd Edition**

*This study provides strong preliminary evidence for concurrent evidence of validity including convergent and discriminant validity, for Hawaii Early Learning Profile (HELP<sup>®</sup>) Strands Birth-3 Years scores with the norm-referenced Battelle Developmental Inventory<sup>™</sup>, 2nd Edition (BDI-2<sup>™</sup>), scores in a sample of 61 children. Convergent evidence of validity included large to medium correlations between highly similar domains (such as HELP<sup>®</sup> Strands 0-3 Expressive Language and the BDI-2<sup>™</sup> Expressive Communication), ranging from .86 to .38. Correlations between domains with similar content (such as HELP<sup>®</sup> Strands 0-3 Social-Emotional and BDI-2<sup>™</sup> Communication) were moderate, ranging from .66 to .26. There was also evidence of discriminant validity between unrelated domains (i.e., HELP<sup>®</sup> Strands 0-3 Social-Emotional and BDI-2<sup>™</sup> Gross Motor) ranging from .13 to -.003. Study scores for the HELP<sup>®</sup> Strands 0-3 were generated through the KinderCharts<sup>®</sup> Management Reporting System and BDI-2<sup>™</sup> scores were collected from the BDI-2<sup>™</sup> Summary Profile submitted for each child.*

### **Study 2. Content Validity Study for the Hawaii Early Learning Profile HELP<sup>®</sup> Strands-Birth to 3 years**

*This study provides preliminary evidence on the content validity of the Hawaii Early Learning Profile, HELP<sup>®</sup> Strands 0-3. Evidence for test content validity was examined by having 12 independent expert raters complete two tasks: aligning HELP<sup>®</sup> 0-3 skills to their intended HELP<sup>®</sup> Strand, and, ranking the developmental order of skills within each Strand. Results showed that expert raters reached moderate to excellent levels of agreement on alignment of HELP<sup>®</sup> 0-3 skills to HELP Strands with most falling within the substantial to excellent level of agreement. Results for the ranking analyses showed good agreement; Spearman correlations for 57 of the 62 HELP<sup>®</sup> 0-3 Strands were above .80. In general, findings suggested that the expert raters agreed with the HELP<sup>®</sup> Strands 0-3 alignment and developmental ranking of skills.*

### **Study 3. Reliability Evidence for the Hawaii Early Learning Profile Birth-3 Years: Interrater Agreement of Child Assessment Crediting**

This study aimed to measure the degree of agreement birth to three providers had with each other and with a HELP<sup>®</sup> 0-3 expert, and, whether this agreement varied based on providers with or without formal HELP<sup>®</sup> 0-3 training. Eighty-two providers observed and credited 36 video-recorded clips of children exhibiting specific HELP<sup>®</sup> skills using the HELP Strands' definitions and credit criteria from the Inside HELP<sup>®</sup> Administration and Reference Manual for HELP Birth – 3 Years. Most interrater agreement statistics ranged from 90% to 100%. Specifically, it was impressive that 32 of 36 (88%) video-recorded cases had agreement statistics that were above 90%. Results did not show differences in crediting based on provider training. *Findings suggest that assessment crediting for the HELP<sup>®</sup> Strands when used with the Inside HELP<sup>®</sup> administration manual are highly dependable and consistent across providers.*

*For additional information, please contact VORT Corporation, who provided a grant to conduct these studies at [custserv@vort.com](mailto:custserv@vort.com) or visit [www.vort.com](http://www.vort.com)*