## General Developmental Screening Tools

### Choices for Practices and Providers

By Margaret Dunkle  
August 19, 2008

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<th>Name of Tool</th>
<th>Description of the Tool</th>
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| ASQ – Ages and Stages Questionnaires – Parental-report about a child’s skills | 100 questions (answered yes, sometimes, not yet), plus 7-8 unscored Overall questions. Parents indicate a child’s developmental skills, depending on the age level. | All Domains Covered: expressive and receptive language, gross motor, fine motor, self-help, social-emotional, behavior, and global cognitive | Sensitivity: 76-90%; Specificity: 76-91% | 2-10 minutes | 1.10 | Low, moderate or high risk for each developmental domain. Provides algorithm to determine whether to refer, do additional screening, or reassure parents that development is normal. | Standardized on 6,500 children from diverse ethnic and socio-economic backgrounds, including Spanish speaking. Validated on 1,279 children. Published validation studies. | English, Spanish, Arabic, Chinese, Vietnamese, Somali, Indonesian, Swahili, French, Vietnamese, Somali, Macanese, Spanish, Portuguese, Haitian-Creole and Russian. Published validation studies. | Initial purchase: $30 for a starter set, including Brief Guide to Scoring and Administration, and Scoring and Interpretation forms for 50 children. Bulk discounts are available for additional Scoring and Interpretation forms. To administer, score and interpret each screen (copying age-specific forms and staff time): $1.20.  
Cost of PEDS-Online ranges from $1-$2 per screen if licensed by a provider to $9.95 per screen if done individually online. |
| PEDS – Parents’ Evaluation of Developmental Status – Parental-report about parental concerns | 30 questions (same for all ages, answered yes, no, a little). Parents identify “concerns” they may have in each developmental domain. | All Domains Covered: expressive, receptive language, gross motor, fine motor, school, self-help, social-emotional, behavior, and global cognitive | Sensitivity: 74-95%; Specificity: 70-80% | 0.95-3 years, 11 months | 2-10 minutes | Low, moderate or high risk for each developmental domain. Provides algorithm to determine whether to refer, do additional screening, or reassure parents that development is normal. | Standardized on 6,500 children from diverse ethnic and socio-economic backgrounds, including Spanish speaking. Validated on 1,279 children. Published validation studies. | English, Spanish, Vietnamese, Arabic, Swahili, Indonesian, Chinese, Taiwanese, French, Somali, Portuguese, Swahili, Thai, Laotian, Haitian-Creole and Russian. Published validation studies. | Initial purchase: $30 for a starter set, including Brief Guide to Scoring and Administration, and Scoring and Interpretation forms for 50 children. Bulk discounts are available for additional Scoring and Interpretation forms. To administer, score and interpret each screen (copying age-specific forms and staff time): $1.20.  
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| PEDS:DM – PEDS: Developmental Milestones – Parental-report about a child’s skills | 6-8 items or questions, depending on the age level. Parents indicate a child’s developmental skills, depending on the age level. | All Domains Covered: expressive and receptive language, gross motor, fine motor, self-help, social-emotional, behavior, and global cognitive | Sensitivity: 75-87%; Specificity: 71-88% | 0.95 months | 3-5 minutes | Pass/fail score for each developmental domain. Provides a cutoff score for children below the 16th percentile in each developmental domain. Also, the "Assessment Version" of PEDS-DM enables users to compute age-equivalent scores and percentage of delayed or advanced development. | Standardized on 1,296 children from diverse ethnic and socio-economic backgrounds, including Spanish speaking. Published validation studies. | English and Spanish. Less than 2nd grade reading level. | Laminated forms, grease pen, Family Book, Professionals’ Manual, Case Study and 100 patient recording forms. | Initial purchase: $275 for kit, including reusable laminated form, grease pen, Family Book, Professionals’ Manual, Case Study and 100 patient recording forms. To administer, score and interpret each screen (copying scoring forms and staff time): $1.10. |
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*There are two types of accuracy: **Sensitivity** refers to the percentage of children *with a disability* or problem who are correctly identified by the screening tool. **Specificity** refers to the percentage of children *without a disability* or problem the screening tool.
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