

Tyson Barker, PhD

*Chief of Science and Innovation,
Institute for Child Success*



Thursday @ 4 pm ET

**Using the IMPACT MeasuresTool®
to Support Developmental Screening
in Healthcare**

**Desmond P. Kelly, MD Nurturing Developing Minds
Conference & Research and Implementation Symposium:**



Restoration, Resilience and Rebuilding

Greenville ONE Center | Feb. 23-24, 2023

i(cs)

INSTITUTE for CHILD SUCCESS

SCILEND


UNIVERSITY OF
SOUTH CAROLINA
School of Medicine

Using the IMPACT Measures Tool® to Support Developmental Screening in Health Care

Institute for Child Success/EC PRISM
Nurturing Developing Minds
February 23-24, 2023

i(cs)

INSTITUTE for CHILD SUCCESS



EC PRISM

Early Childhood Precision, Innovation,
and Shared Measurement

We'd like to thank our partners

PRITZKER
Children's Initiative



 Overdeck
Family
Foundation



ROBIN HOOD

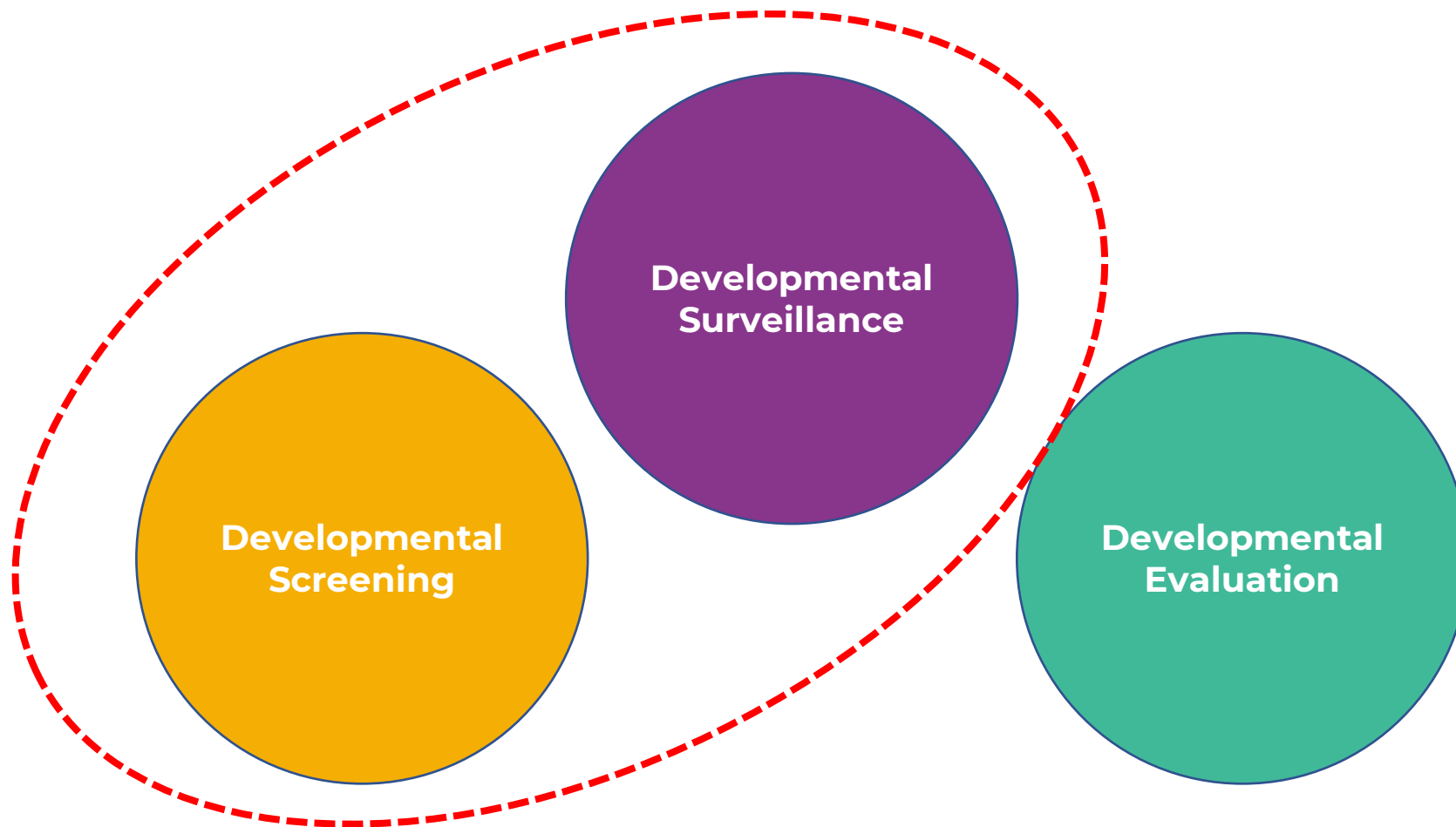
 Brady Education Foundation


EC PRISM
i(cs)

Agenda

- Developmental Screening Overview
- IMPACT Measures Tool Overview
- Popular Screening Tools
- Q&A

How We Can Use Developmental Assessments



** Health care focused; there are other uses in early education and care*

Equity & Assessment

- Are your assessments aligned with your community's values?
- Does the community you serve *actually want* to be assessed?
- Language and culture matter!

What is Developmental Screening?

- Use of standardized tools for identifying children at risk for disorders or developmental delays
- A process for identifying concerns about development through partnerships with families



What is Developmental Screening?

- It's only one piece of the puzzle!
- There is no one perfect screening tool
- It depends on your needs
- Screening tools can help show how children thrive



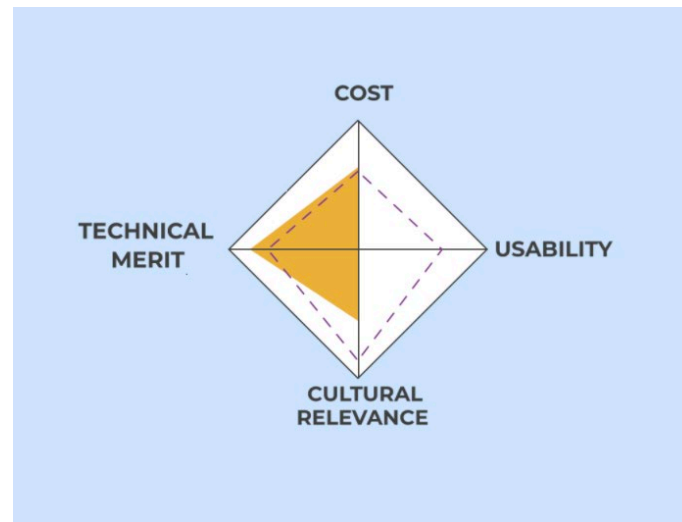
IMPACT Measures Tool

“A free database of early childhood & parenting assessments”

- Search, compare, access assessments scored on four key dimensions
- Find high-quality assessments that work for different communities and contexts
- Learn about assessment with educational resources

IMPACT Scoring System

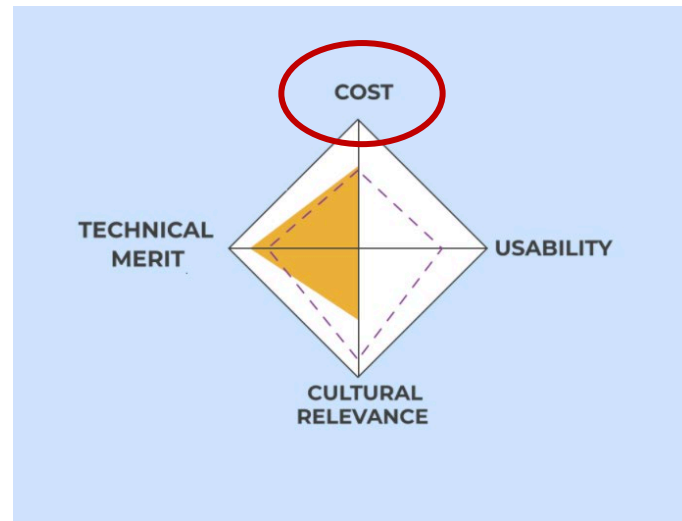
- Scoring diamond visually displays the assessment's scores in each category (**Yellow shading**)
- Set preferences for a desired minimum score in each category (**Dotted line**)



IMPACT Scoring Categories

Cost: How affordable is the screening tool?

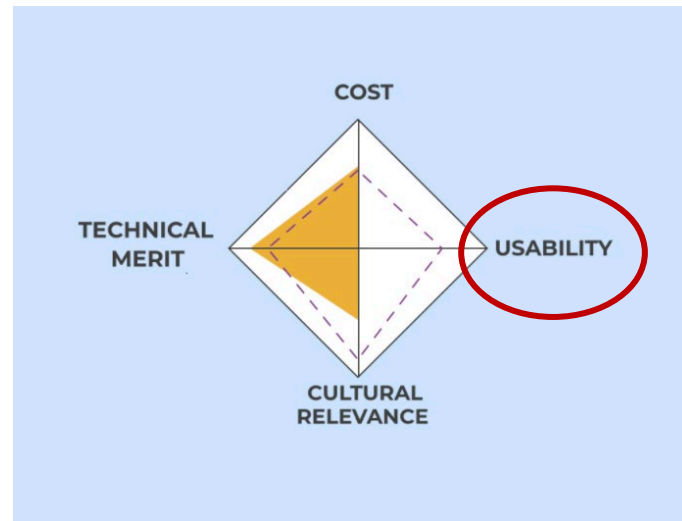
- Price
- Accessibility



IMPACT Scoring Categories

Usability: How easy to use is the screening tool?

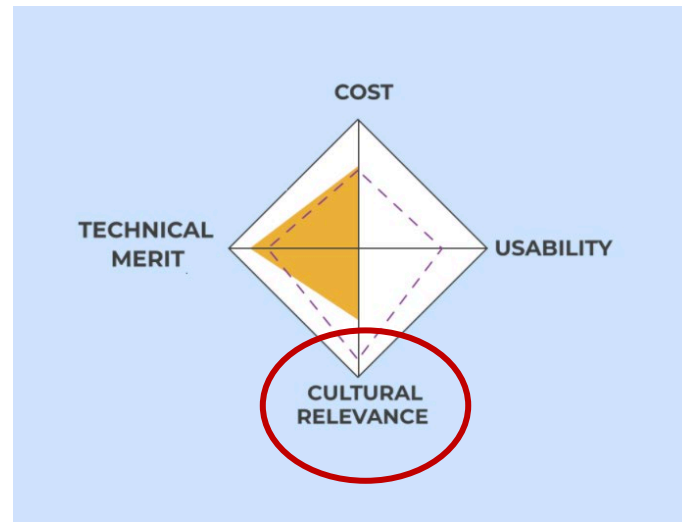
- Time
- Training
- Interpretation
- Format



IMPACT Scoring Categories

Cultural Relevance: How well does the screening tool serve different groups?

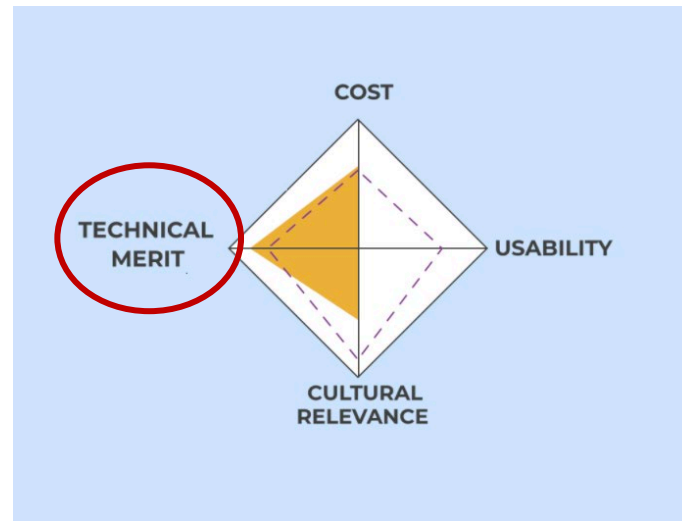
- Demographics
- Bias in measure
- Bias in process to create measure



IMPACT Scoring Categories

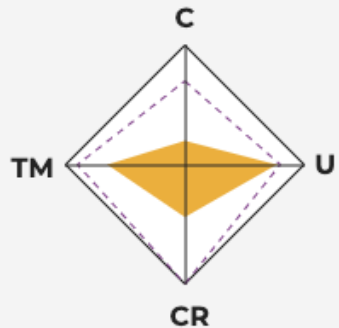
Technical Merit: How consistent and accurate is the screening tool?

- Sensitivity
- Specificity



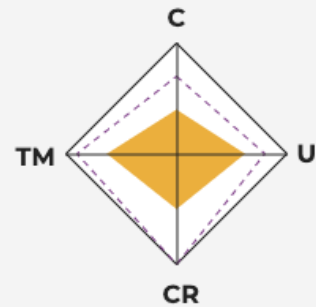
Popular Developmental Screening Tools

Ages and Stages Questionnaire (ASQ) 3



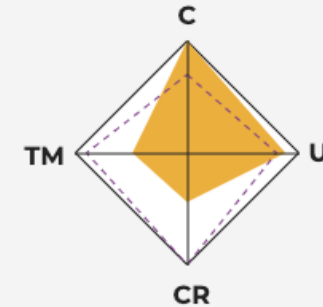
Cost	2 / 10
Usability	7.7 / 10
Cultural Relevance	4.4 / 10
Technical Merit	6.5 / 10

Parents Evaluation of Developmental Status (PEDS)



Cost	4 / 10
Usability	6.2 / 10
Cultural Relevance	5 / 10
Technical Merit	6.3 / 10

Survey of Well-being of Young Children (SWYC-PPSC)

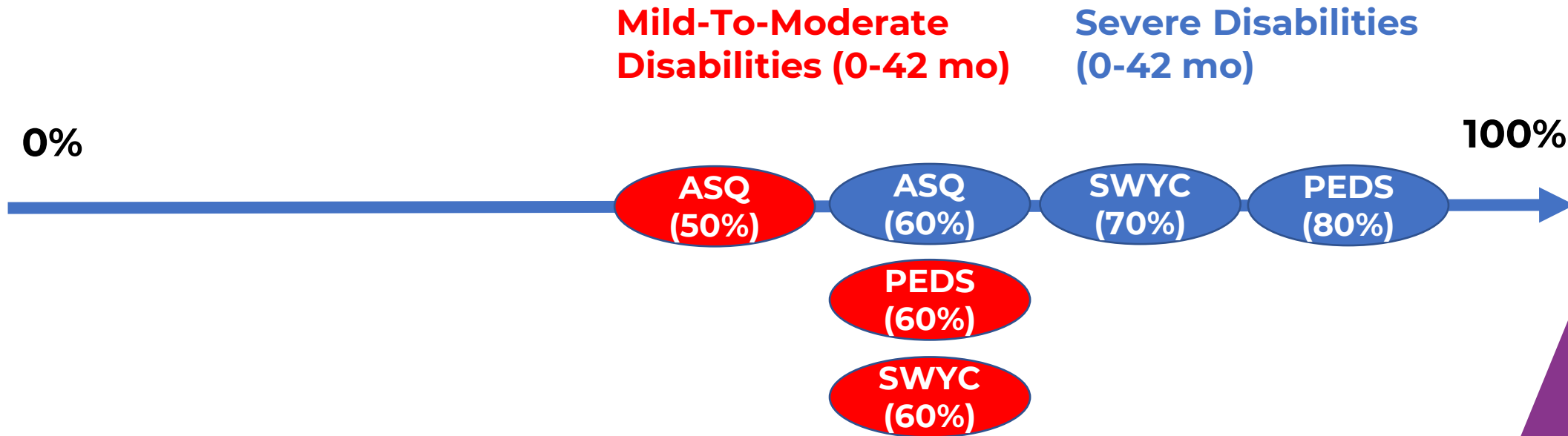


Cost	10 / 10
Usability	8.8 / 10
Cultural Relevance	4.4 / 10
Technical Merit	4.9 / 10

Considerations: Purpose

- How do you plan to use for developmental surveillance?
- How would you use to support goal-concordant care?
- How do you think about “false positives”?
 - Referral and qualification for EI?

Sensitivity: Not All Screening Tools Created Equal



* Not aligned to EI eligibility criteria

Sheldrick et al., 2020; JAMA Peds

Considerations: Implementation

- Do you provide any information prior to families completing?
- How do you discuss the results?
- Culture/language matter!
 - Do you adapt?
 - Do you take into consideration when interpreting?


IMPACT Measures Tool Website


- <https://ecmeasures.instituteforchildsuccess.org/>


The screenshot shows the homepage of the IMPACT Measures Tool website. At the top left, there is a logo for 'i(cs) | IMPACT Measures Tool by EC PRISM'. To the right of the logo are navigation links: 'Home', 'Measures', 'About Us', 'Scoring', 'Learn', and 'My Favorites'. Further right are 'Sign In' and 'Join' links. Below the navigation is a red banner with the text 'Help us improve the new IMPACT Measures Tool®' and 'Take a 2-minute survey to give us your feedback', with a 'Take survey.' button. The main content area has a purple background. On the left, it says 'IMPACT Measures Tool®' next to a white diamond icon with a cross inside. Below this is a search bar with a 'SEARCH' button. The text below the search bar reads 'Find and compare measures' and 'Find the tools you need with our database of early childhood and parenting measures.' At the bottom, there are three columns, each with a diamond icon and a title: 'Measures' (orange diamond with a triangle), 'Scoring' (yellow diamond with a cross), and 'Learn' (pink diamond with four vertical bars). Each column has a short description and a link: 'Explore measures', 'How scoring works', and 'Learn more'.


i(cs) | **IMPACT Measures Tool** by EC PRISM [Home](#) [Measures](#) [About Us](#) [Scoring](#) [Learn](#) [My Favorites](#) [Sign In](#) [Join](#)

Help us improve the new IMPACT Measures Tool®
Take a 2-minute survey to give us your feedback [Take survey.](#)

IMPACT Measures Tool®  **Find and compare measures**
 [SEARCH](#)
Find the tools you need with our database of early childhood and parenting measures.

 **Measures**
Search, compare, and access measures to find the best fit for your unique needs.
[Explore measures](#)

 **Scoring**
Our team uses a research-driven approach to score each measure's cost, usability, cultural relevance, and technical merit.
[How scoring works](#)

 **Learn**
Get answers to your questions about measurement in early childhood.
[Learn more](#)

Connect With Us!

Visit the IMPACT Measures Tool website at:
<https://ecmeasures.instituteforchildsuccess.org/>

Join our mailing list to receive updates:
<https://ecmeasures.instituteforchildsuccess.org/join>

Email us at:
ecprism@instituteforchildsuccess.org

Find us on social media @ec_prism



Q&A

What questions do you have?

Thank you for all you do!

Please
complete
our brief
survey!



Thank you!



EC PRISM

i(cs)