



PT and PTA Clinical Performance Instruments & Clinical Site Information Form Updates

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Clinical Education Town Hall

June 27, 2022

TO: CE SIG, PTAE SIG, NCCE

Thank you!

Objectives

01

Announce the transition of the current PT CPI, PTA CPI, and CSIF tool and platforms to new ones by June 2023.

02

Provide the rationale for psychometric reviews, revised tools, and new technology platform.

03

Describe the current state of review and transition, including communications strategies.

04

Respond to questions.

Decision

APTA is updating its clinical performance instruments for clinical education within PT and PTA academic programs. We expect to have revised tools for the 2023-2024 academic year.

To accommodate the update, in June 2023 we will sunset the current CPI and CSIF platforms provided by Liaison International, the vendor that currently hosts the CPI tools. A new, mobile-friendly platform will take its place.

CPI Tool Timeline

- **1993:** 10-person task force charged by the BoD
- **1997:** BoD approved PT CPI v. 1997 (paper-based; 24 items)
- **1999:** PTA CPI (paper-based; 21 items)
- **2006:** PT and PTA CPIs moved from paper to electronic-based; Liaison selected as the vendor
- **2009–2020:** Annual technology enhancements to the electronic platform negotiated through Liaison (2018 was an exception)
- **2021:** Product rebranding to align with APTA
- **2022:** Invest in psychometric review of the CPIs and review CSIF
- **2023:** Sunset PT and PTA CPIs and CSIF; Launch revised tools

Concerns and Opportunities with Current Tools

- Service-level issues
 - Vendor/Liaison: History of customer service issues that appear to have been resolved for 2+ years.
 - APTA staff: Desire for clear communication regarding APTA's plans for this tool; accountability.
- Product-level issues
 - Psychometrics: Need to validate/revalidate these tools based on contemporary practice; enhance utility (eg, time to complete, item redundancy).
 - Platform: The 15-year-old platform is not meeting user expectations.

About HumRRO



We are a full-service psychometric and research organization that conducts studies to ensure that the various components of an educational assessment system are soundly built and solidly linked. In addition, we have built a strong reputation for our rigorous and objective program evaluations.

Revalidation Work

- HumRRO (+ volunteers)
 - ✓ Phase I: Overall assessment with recommended action plan
 - ✓ Phase II: Assessment of current instrument use
 - ✓ Phase III: Alignment of the instruments with contemporary expectations
 - ☐ Phase IV: Revise CPI content and rating scale
 - ☐ Phase V: Develop scoring model and preliminary passing standard

Revalidation Work

- Phase I: Initial Review
 - Recommendations prioritized
- Phase II: Intended Use
 - Developed case profiles through document review, interviews, focus groups.
 - Identified 8 formative, low-stakes uses, and 2 summative, high-stakes uses
 - **Narrowed to 3 formative uses, and 1 summative use.**
 - Identified 3 reasons to not use CPI!

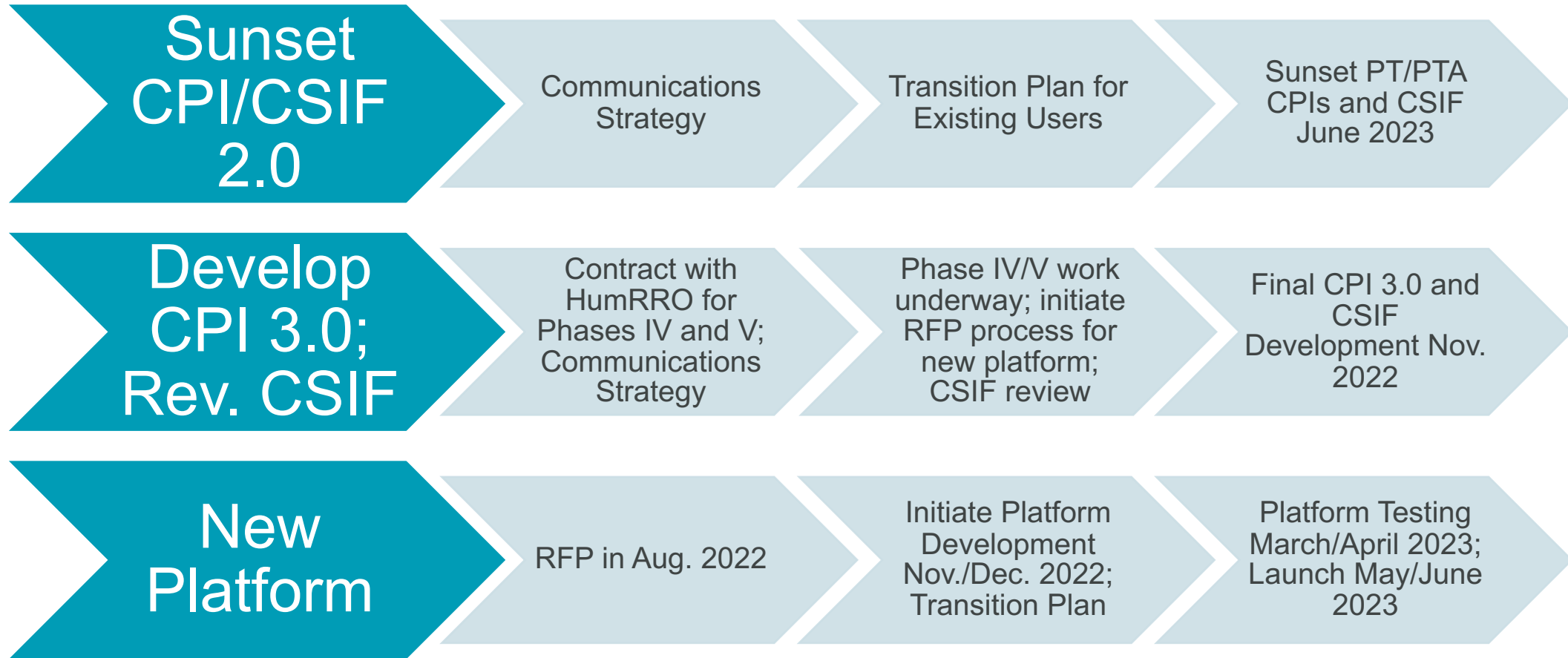
Revalidation Work

- Phase III: Alignment with contemporary practice expectations
 - Document review: CAPTE Standards, FSBPT Practice Analysis*, related articles (written by our colleagues), APTA Residency Competency Evaluation Instrument, developing domains of competence.
 - Focus Groups
 - National Survey
 - 3,140 responses
 - 2,253 in total analytic sample of PT and/or PTA CPI users after data cleaning.

Revalidation Work

- Phase IV: Revise CPI content and rating scale
 - Revise CPI content based on Phase III focus group and interview findings.
 - Confirm through asynchronous review groups
 - Revise rating scale to a Behaviorally Anchored Rating Scale with sample behaviors at each performance level to help simplify the process and increase rater reliability.
 - Confirm through review groups
- Phase V: Revise scoring model and passing standard
 - Determine what type of cut score or passing standard is most appropriate.

Processes



Other Considerations

- Archiving CPI data from Liaison
- No pricing change expected
- Communication commitment and strategies
- Volunteers needed for CSIF review (CPI2023@apta.org)
- Question on revised products: CPI2023@apta.org



Questions & Answers



Thank You

