

Advancing Systems + Enhancing the Workforce + Improving Outcomes

Implementing Evidence Based Practice within Wraparound and Systems of Care

Eric J. Bruns

University of Washington
National Wraparound Implementation Center
ebruns@uw.edu

Alicia Ferris

Community Youth Services

Olympia, WA

AFerris@communityyouthservices.org

2018 Children's Behavioral Health Training Institutes

Washington, DC July 25, 2018







Learning Objectives

- Understand the many roles evidence and EBPs play in Wraparound
- Review the most common clinical needs of wrap-enrolled youth – and potential EBPs to meet those needs
- Integrate the above information so you coordinate EBP and wraparound across system, program, and practice levels



Main Points

- Wraparound is an evidence-based <u>process</u>
- To be effective, systems of care and wraparound require availability of effective children's behavioral health treatments
- EBP can be thoughtfully integrated into wraparound and individualized systems of care at the:
 - System level
 - Provider level
 - Youth/family/team level



Overview of opportunities

System level:

- Build EBPs into service array
- Include intensive EBPs as <u>alternatives</u> to wraparound

Program level:

- Train clinicians in the SOC on EBPs and use of evidence
- Coordinate your clinical care, care coordination, and youth/parent peer support
- Train facilitators and peer partners on how to use/support EBP

• Practice level:

- Brainstorm effective strategies for wraparound plans
- Measure progress and adjust accordingly
- Communicate clearly to families, youth, and team members
- Supervise based on data and understanding of EBP



The whole session in 3 minutes

 https://www.youtube.com/watch?v=1-83ZMDrvH4&feature=youtu.be





Part 1

WHAT IS EVIDENCE BASED PRACTICE AND HOW DOES IT RELATE TO WRAPAROUND?







Why Implement Proven Practices?

Because youth & families should expect evidence informed behavioral health services ... just as they expect proven practices when visiting their medical service provider





Why Implement Proven Practices?

- More likely to efficiently produce positive effects
- Improved behavioral health outcomes at less cost
- Practices are clearly defined
 - Transparent accountability
 - Clear selection, training, coaching, & fidelity criteria



"Evidence-based practice" can be defined in a number of ways

"...the integration of the best research evidence with clinical expertise and patient values."

--Institute of Medicine, 2001



What is "research evidence?"

- Washington House Bill 2536 requires that an intervention has:
 - At least 2 random-assignment trials
 - Tested across diverse populations



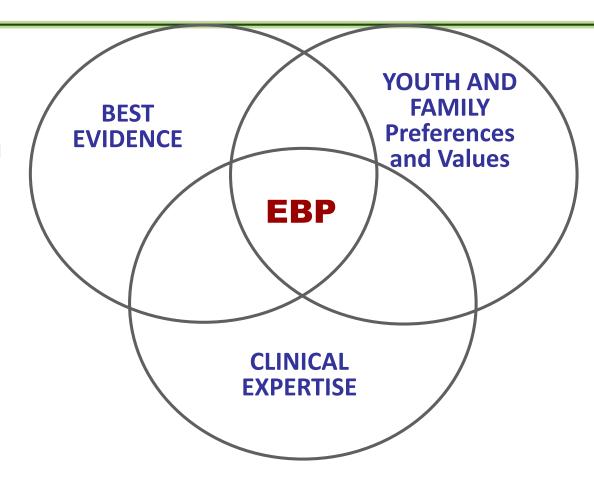
Let's hear from you

 What EBPs are available to wraparound teams in your system of care?



Evidence based practice is about more than just research studies

Best Available Research on Diagnosis, Treatment, and Rehabilitation



Respect for Past Experiences, Preferences, Concerns, and Expectations

Individualized Care Based on Knowledge and Understanding of Child/Family



What are common elements of effective treatments and strategies?

- Treatment elements
 - Skill-building
 - e.g., managing disruptive behaviors
 - Behavioral activation
 - e.g., pleasant events scheduling for depression
 - Challenging negative thoughts or cognitive distortions
 - Exposure
 - Relaxation techniques
 - Thought stopping
 - Trauma narratives
- Other themes:
 - Involvement of caregiver
 - Role plays/experiential exercises
 - Use of homework
 - Shortened, goal oriented treatment with manual/guide



EBP and Wraparound

- EBP
 - May be focused on addressing a specific symptom or problem
 - Defined and manua
 - Skill-focused
 - Practitioner-directed
 - Often time limited

- Systems of care/wrap
 - Comprehensive plans,
 multiple strategies
 Individualized, holistic,
 flexible
 - Family and youth directed
 - Engages community and natural supports
 - Support persists until needs are met



What do you think? With a partner – Brainstorm...

- How can we coordinate EBPs within a Wraparound care planning process?
- What are the biggest barriers or problems?



Coordinating Wraparound with EBP: Benefits

- Families and youth have "informed choice" and can choose from <u>proven</u> practices
 - Systems of care principles dictate need for an array of effective service options
- Clinical providers can implement proven practices in a <u>flexible</u>, <u>individualized</u>, <u>family-directed</u> manner
- Peer support workers and natural supports can provide follow-on support for skill-building
- Evidence shows it can improve youth outcomes



Wraparound is Based on Evidence

- Engagement activities
 - Active listening, understanding the family story
 - Examining and overcoming potential barriers
 - Basing treatment on youth/family expression of needs
- High-quality teamwork
 - Clearly prioritized needs, Defining a team mission, robust brainstorming
- Building social support
- Modeling and celebrating success
- Monitoring progress and feeding it back





Part 2

INTEGRATING EBP INTO WRAPAROUND AT THE SYSTEM LEVEL







System-level: Options for coordination

- 1. Analyze local EBP availability
- 2. Invest in intensive, community-based EBPs that can meet youth and family needs
- 3. Ensure a community team is regularly reviewing data on needs and outcomes of youth and families to direct investment in the service array



1. Analyzing your system's needs

- Look to the literature
- Ask your practitioners and families
- Use your data



Quiz time!: Looking at the Literature

 What are the most common disorders among youth (of all ages) with serious emotional and behavioral disorder?



Literature review: The most common problems faced by youth

 Most common mental health conditions of youth with "serious emotional disorders"

Disruptive behavior disorder 70%

Anxiety disorder27%

Depression20%

Substance use16%

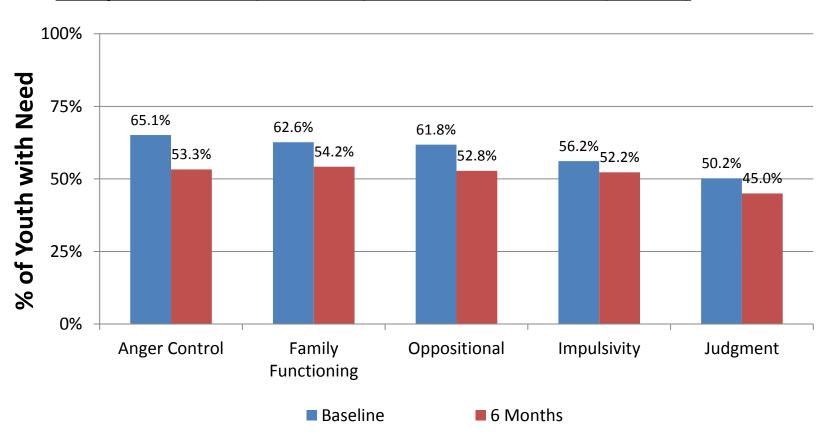
- ADHD 13%

(Data from Great Smoky Mountains Study; Costello, 2006)



What Needs are Most Common? Which ones are least likely to be met?

Most prevalent needs (rated 2 or 3) at Baseline and 6 Months (n=~4000)





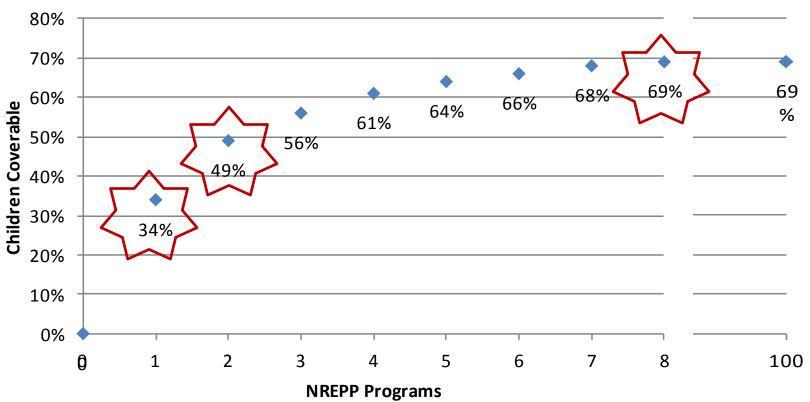
And... back to the literature: Crosswalk your presenting needs and potential EBPs

Need	Baseline Prevalence	Potential EBPs
Anger Control	75%	Second Step Incredible Years
Family Functioning	70%	PCIT, FFT
Social Functioning	60%	Project Achieve, CBT
Impulsivity	60%	CBT, Medication Management



A few EBPs can go a long way... and more than 2-3 may be overkill

"Coverage" of youth problem areas (by age, gender) provided by different numbers of EBPs



Chorpita, B. F., Bernstein, A. D., & Daleiden, E. L. (2011). Empirically guided coordination of multiple evidence-based treatments: An illustration of relevance mapping in children's mental health services. *Journal of Consulting and Clinical Psychology*, 79, 470-480.



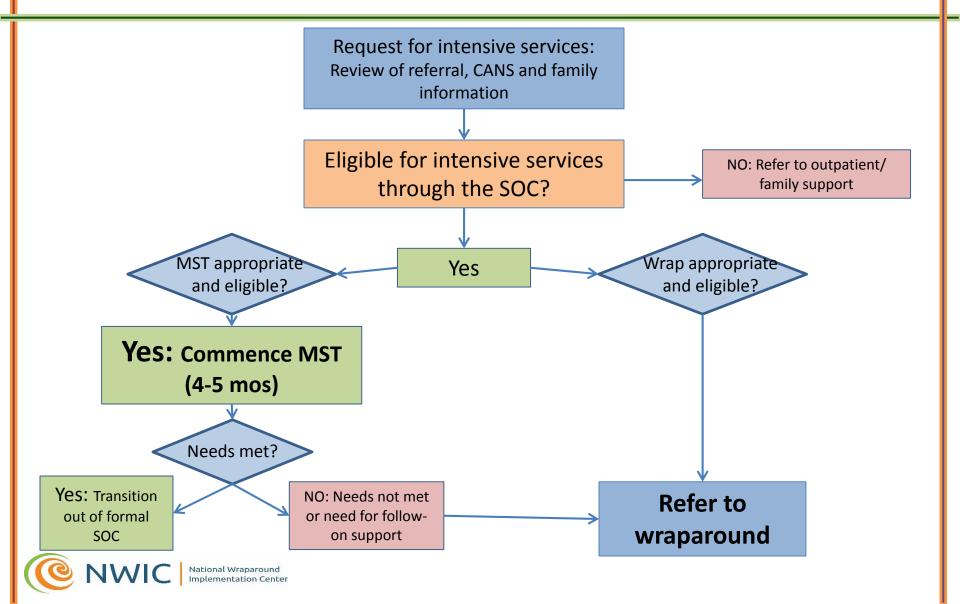
But... which EBPs?

- Intensity of need is not the same as complexity of need
- "If you know what to do, do it.
 If you don't know what to do, do wraparound..."

–Pat Miles



Matching intensive needs to options: Example from one system of care





Part 3

INTEGRATING EBP INTO WRAPAROUND AT THE PROGRAM LEVEL







Integrate or refer?





Who delivers the clinical services in your wraparound system of care?

- Mostly, people from the same organization as host our care coordinators
- Mostly, people from outside the care coordination agency
- A mix of both



Provider options for applying EBPs to wraparound populations

- Train clinicians in the SOC on relevant manualized EBPs
- Train clinicians on modularized EBP approaches
 - To flexibly meet the needs of youth and families engaged in team-based wraparound care coordination



Provider options for applying EBPs to wraparound populations

- Train and supervise care coordinators to understand how to build plans of care that include EBPs
 - While also adhering to wraparound model and a strength and need orientation
- Train and supervise family and youth support partners to understand how to be effective care extenders for EBP elements that are in plans of care

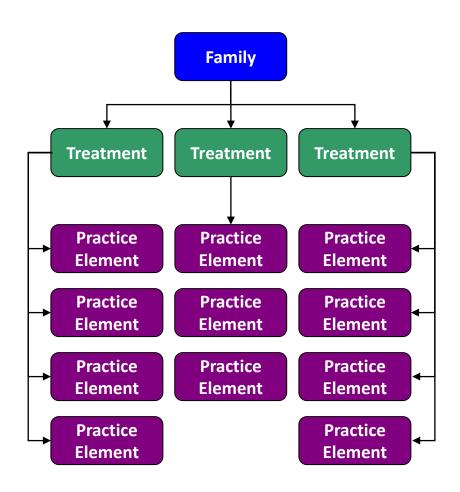


Coordinating Wraparound with EBP: Potential barriers

- EBPs may not address the complexity of youth needs
 - Many youth not eligible
 - Not flexible enough to change course if youth does not respond, what next?
- Specification may leave little room for family choice
- Some EBPs are comprehensive and require cessation of other supports (e.g., wrap facilitators)
- Costs of EBP
 - Funding care coordinators, family and youth support, and other SOC features + EBP is challenging

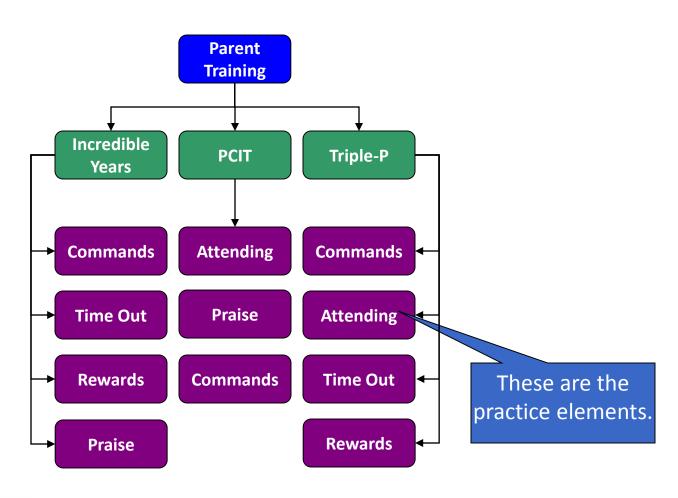


A new movement in EBP is to focus on <u>Practice</u> Elements of effective interventions





Practice Elements Are the Parts of Treatments





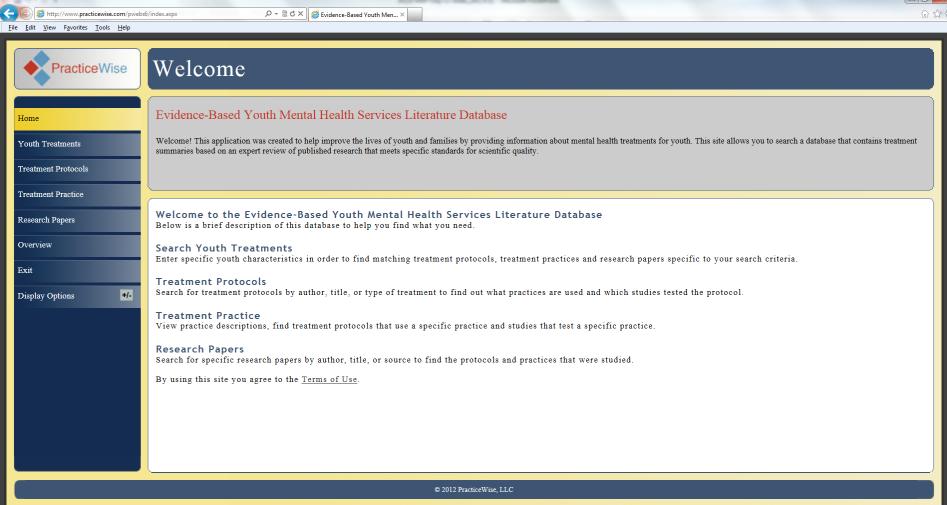
Focusing on the "common elements" of effective treatment can help you avoid information (and Treatment Manual) Overload



"Good to see you, Maggie. As soon as I finish reading these papers, we can start our session today."



The PracticeWise Evidence based treatment (PWEBS) Database





PWEBS: How Does It Work?

YOU CAN SELECT: ☐ Strength of Evidence ☐ Problem Type □ Age ☐ Gender ☐ Ethnicity ☐ Treatment Setting ☐ Diagnosis

YOU GET BACK:

- ☐ "Families" (types) of treatments that have been shown to work
- ☐ Settings where the treatments took place
- ☐ Formats of how the treatments took place
- ☐ The components (skills or practices) of those treatments

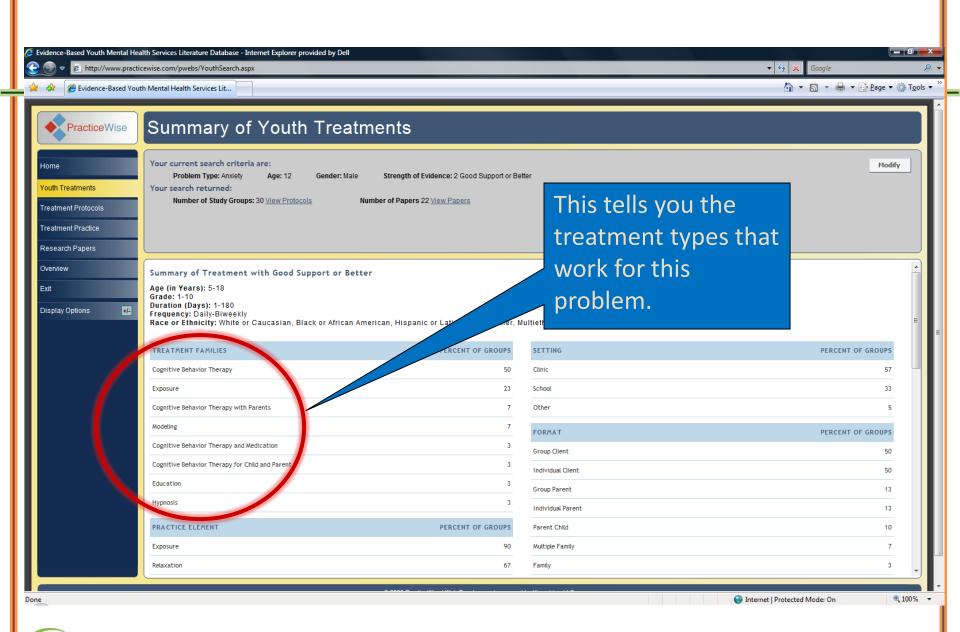


PWEBS: Problem Types Reviewed

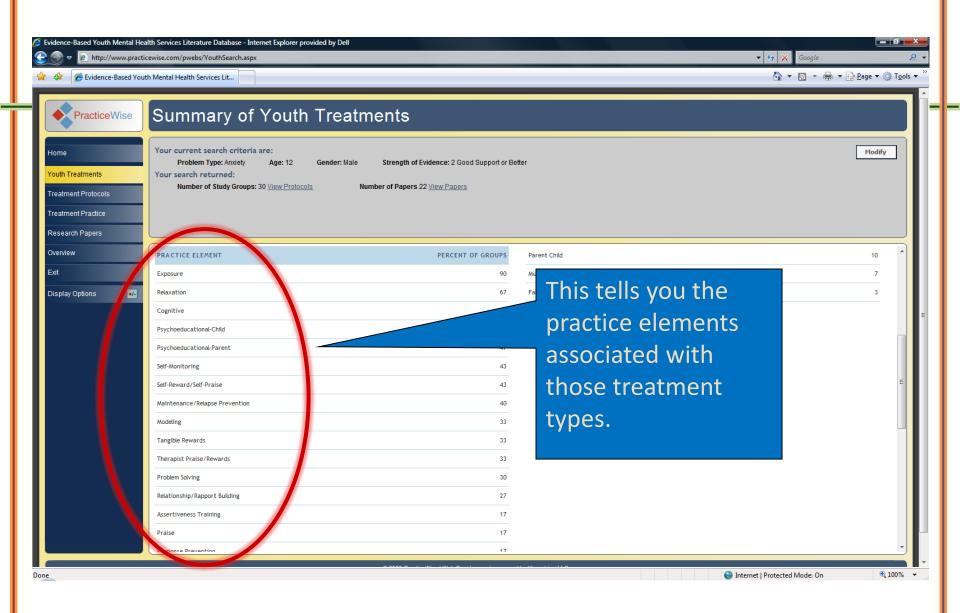
- Anxiety
- AttentionProblems
- -Autism Spectrum
- Depression
- DisruptiveBehavior

- Eating
- Elimination
- Mania
- Substance Use
- Suicidality
- -Traumatic Stress



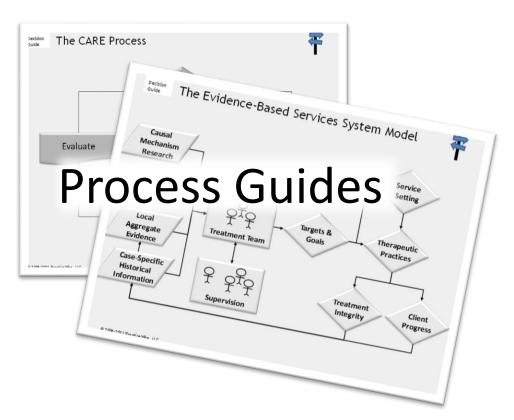


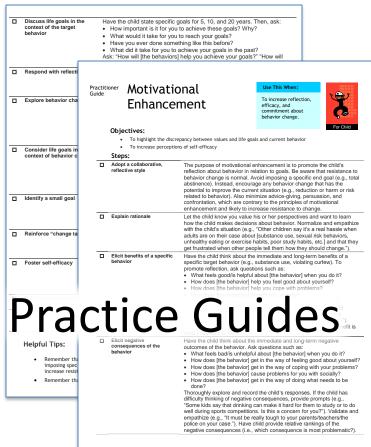




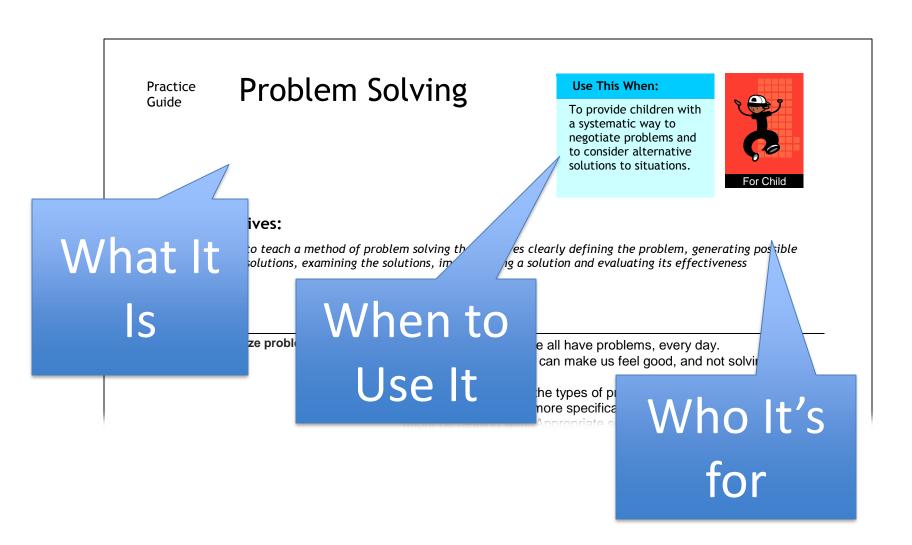


Dedicated Resources for Decisions and Action

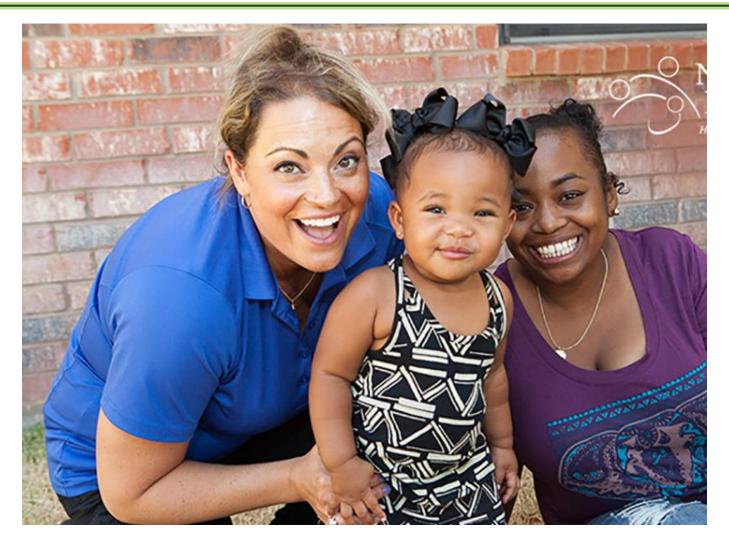




Anatomy of a Practice Guide



What About Peer Support Partners?







Part 4

INTEGRATING EVIDENCE AT THE TEAM AND FAMILY LEVEL







- Matthew is a 15-year-old male of African-American and Caucasian heritage.
- He currently lives with his adoptive parents,
 Mona and John, and little brother, Steven, who is 3 years old.
- Mona and John adopted Matthew when he was 14. Mona originally met Matthew through her job at a local outpatient mental health clinic where she was his caseworker. Mona has worked with Matthew since he was 11



- Matthew and his family were referred to Wraparound by his mother's co-worker when she learned from Mona that Matthew had assaulted her.
- Matthew began showing signs of aggression about 1 year ago and within the past 6 months he has started skipping school, his grades are dropping, and he seems angry all the time.
- His behaviors have escalated and he is now staying out late, disobeying the rules, and starting fights with peers at school. Matthew's parents report when Matthew gets angry, he hits things, slams doors, and follows them around the house yelling.
- He is currently on probation for 6 months. Matthew has been hospitalized a total of 3 times in the last year.



- Matthew was born in another state and only resided with his biological parents for a short time before he was placed in foster care. Matthew witnessed domestic violence on a daily basis.
- While in his first foster home, Matthew was sexually abused.
- He bounced through 2 more foster homes before being placed with an adoptive family. However, before the adoption could become final, his foster father lost his job and the state would not allow the adoption to go through.



- Mona and John report that Matthew is sweet, kind, shy, loves sports, and is very friendly.
- He was and still is a star football player. She would often attend his games with her husband. Mona and John describe Matthew as a leader on the field.
- Mona was afraid he would be removed from yet another foster home and talked to her husband about taking in Matthew. They both had grown to love Matthew and want to give him the same opportunities they had to move beyond their past.



- Mona reports that she has heard Matthew crying in his bedroom and it breaks her heart.
 John feels like Matthew needs to 'pull himself up by his bootstraps and move on'.
- If Mona tries to walk away from him, Matthew will yell at her and say she doesn't love him and will abandon him like everyone else does.



Matthew's strengths

- He hasn't given up hope of being a permanent member of a family.
- He steps up to help out with his little brother, is patient with him, and will protect him.
- He is close to Mona and talks to her about everything.
- He is able to build relationships with adults he trusts.
- He is a leader on the football field.
- He likes being part of a team and the sense of family a team gives him – 'someone always has your back'.
- He responds to structure and routine and his coach provides this for him daily.
- Does his best when he is able to stay physically active and busy.



Mona's strengths

- She learns from past mistakes and experiences and builds off those lessons learned and experiences to help others.
- She confides in Michelle (her co-worker) and they work out together every other day.
- She has a passion for working with youth and supporting their needs in her professional life and as a volunteer.
- She makes long-term commitments and isn't afraid to go "all in"
- She values the importance of education and worked hard to accomplish her own educational goals. She also gives back so others can pursue the same in her tutoring work.
- Mona is the rock of the family and gets things done.



John's strengths

- He works hard to support his family and wants to pass on the value of hard work to his kids.
- He learns from watching others.
- He believes in picking yourself up and moving forward despite obstacles.
- He believes doing things as a family keeps the family strong and together
- He attends all Matthew's sporting events and looks for activities to keep Matthew busy.



Carter Family Strengths

- Steven looks up to Matthew and enjoys spending time with him.
- Steven has a calming effect on Matthew
- The family bond when they do things all together outside of the home.
- They believe in the importance of giving back to their community – they especially like volunteering for Habitat for Humanity.
- They are all good with their hands and enjoy staying active.
- They are working hard to stick together and willing to ask for help to do so



Adam (Therapist)

- He comes from a long line of football fanatics and uses his knowledge of football to connect with Matthew.
- He is very handy with tools and does wood working in his spare time.
- Has a strong foundation in trauma work and really believes in Mona's and John's love for Matthew as a foundation for success.
- He is patient with Matthew and as a result Matthew opens up to him.



Coach Smith

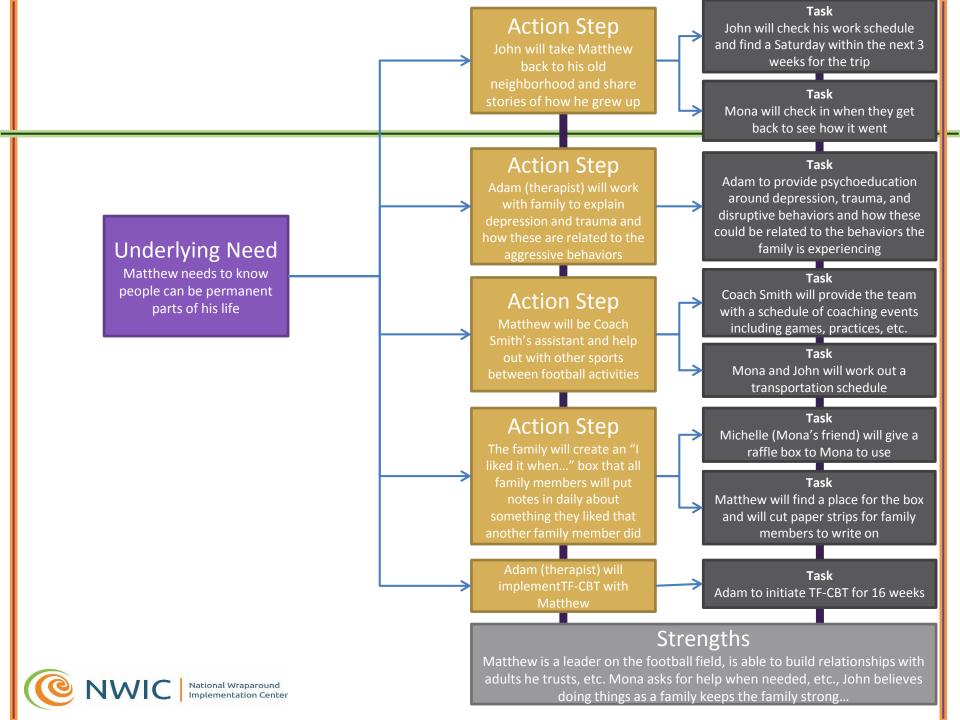
- He believes the team is like family and we stand up for one another.
- He goes above and beyond for kids and will step up when asked to take on tasks.
- He sees the leadership capabilities of Matthew and knows how to push him.
- He has a way of making sure discipline and fun both come together when he is coaching youth in football.



Brainstorming strategies!

- The first undelying need Matthew's team is working on is: "Matthew needs to know people can be permanent parts of his life..."
- What are some things you think might be included in Matthew's plan of care?
 - Remember to consider:
 - Community supports
 - Natural supports
 - Formal services (including EBPs)





10 Strategies to meet 1 need

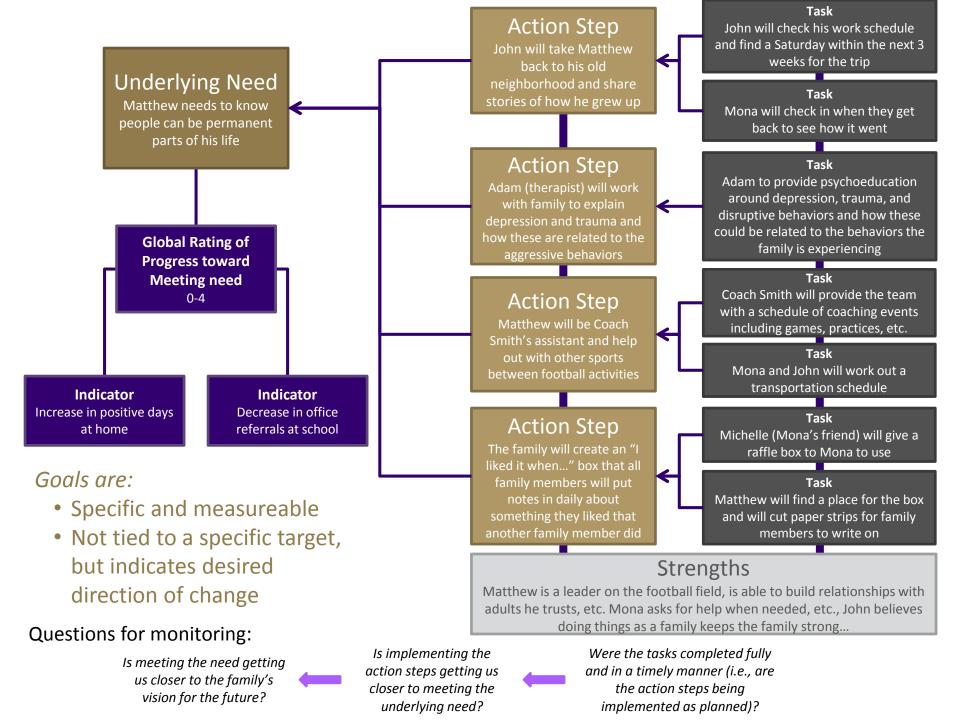
- 1. John will take Matthew back to his old neighborhood, show him around, and share the stories of how he grew up.
- Mona will join ancestry.com and show Matthew how he fits in their family tree. Mona and John will pay for half of a 6month subscription and discretionary funds will be used to pay the other half.
- 3. Adam (MAP therapist) will work with Matthew, Mona, and John to explain depression and trauma and how these are related to the aggressive behaviors they are experiencing.
- 4. Adam (MAP therapist) will also work with Matthew individually 1x/week for 16 weeks targeting his depression and the impact of his past trauma experiences on his life now.
- 5. Matthew wants to help out more with Coach Smith so Matthew is going to be Coach Smith's assistant and help out with other sports between football activities.



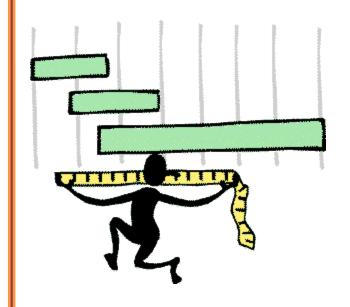
10 Strategies to meet 1 need

- Sue will get tickets to university games that Matthew and the coach will attend
- Tina (parent partner) will work with Mona and John to create a behavior contract with Matthew that includes rewards and consequences.
- The family will create an 'I liked it when...' box that all family members will put notes in daily about something they liked that another family member did. The notes will be read on Wednesday night after dinner and on Fridays before Matthew's games.
- Michelle and Mona will continue to work out every day and during that time Michelle will check in with Mona about Matthew's behavior. She will keep a record of good days and bad days and report it back to the team.
- Jennifer will check in with the school weekly to find out about office referrals and report it back to the team.





Specify how progress will be measured



For each need...

Detail how progress will be measured

- What, specifically will be tracked?
- Who will track the behaviors/events?
- How frequently will the information be tracked and shared?



What's going on here?

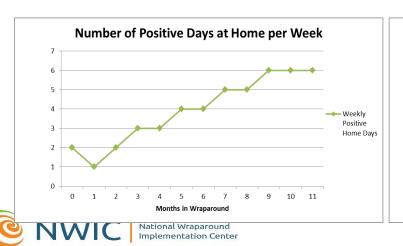
Example of a graph for each item being tracked

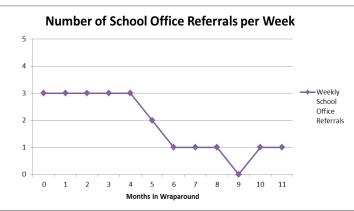
Family vision: To love unconditionally and work hard on the important things.

Need 1: Matthew needs to know that people can be permanent parts of his life.









Adjust the plan

- Based on progress or lack of progress, assess the following:
 - What is and isn't working?
 - Why?
 - Are strengths being utilized in action step selection and task assignments?
 - Are team members involved?
- Based on discussion and shifts
 - Develop new action steps and assign new tasks
 - Determine when transition is warranted



Supervision

- Should always be asking:
 - Are the needs clear?
 - Are the strategies tied to meeting needs?
 - Is progress happening?



Practical Applications of the Session

System level:

- Build EBPs into service array
- Include intensive EBPs as <u>alternatives</u> to wraparound

Program level:

- Coordinate your clinical care, care coordination, and youth/parent peer support
- Train clinicians in the SOC on EBPs and use of evidence
- Train facilitators and peer partners on how to use/support EBP

• Practice level:

- Brainstorm effective strategies for wraparound plans
- Measure progress and adjust accordingly
- Communicate clearly to families, youth, and team members
- Supervise based on data and understanding of EBP



Any Questions?





THANK YOU!! Please complete the evaluation

For more, contact us at:

- Eric Bruns: ebruns@uw.edu
- Alicia Ferris:AFerris@communityyouthservices.org

Find us at:

- www.wrapeval.org
- www.wrapinfo.org

