

Project Echo for Pediatric Care 2018-2020
Abusive head trauma prevention and other universal primary prevention strategies
January 16, 2020
Rebecca Murray, CANPB

Provided by the University of Wisconsin–Madison Interprofessional Continuing Education Partnership (ICEP)

Intended Audience:

Pediatric emergency care professionals

Objectives:

As a result of this educational regularly scheduled series, learners will be able to:

1. Utilize new skills and guidelines determined to be safe for children when accessing pediatric trauma.
2. Identify proper tools and standardized practices in order to improve the diagnosis and treatment of pediatric patients.
3. Define roles and responsibilities of team members who triage pediatric emergencies in order to identify communication strategies that result in effective patient care.

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| Name/Role | Financial Relationship Disclosures | Discussion of Unlabeled/Unapproved uses of drugs/devices in presentation? |
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2. During the live presentation, and in the follow-up email, you will be provided a code. Text that code to a number we provide you, using a cell phone associated with your account.

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CHILD ABUSE & NEGLECT

Prevention Board



Abusive head trauma prevention and other universal primary prevention strategies

January 16, 2020



Prevention Board

- Independent board
- Advance statewide policy, public awareness and programming to strengthen families and prevent child maltreatment
- 20 members comprised of state government officials and public members



Mission and Vision

Mission

- Mobilize research and practices to prevent child abuse and neglect in Wisconsin

Vision

- Every child in Wisconsin grows up in a safe, stable, and nurturing environment



Strategic Plan

- **Create and Advocate for Effective Public Policies**
- **Promote Evidence-Informed Practices and Develop Innovative Programs that Support Parents and Caregivers**
- **Collaborate with Key Stakeholders to Leverage Resources and Implement Prevention Initiatives**
- **Educate Professionals and Community Members on Child Abuse and Neglect Issue**



Multisector Approach



Preventing Child Abuse and Neglect

| Strategy | Approach |
|--|---|
| Strengthen economic supports to families | <ul style="list-style-type: none">• Strengthening household financial security• Family-friendly work policies |
| Change social norms to support parents and positive parenting | <ul style="list-style-type: none">• Public engagement and education campaigns• Legislative approaches to reduce corporal punishment |
| Provide quality care and education early in life | <ul style="list-style-type: none">• Preschool enrichment with family engagement• Improved quality of child care through licensing and accreditation |
| Enhance parenting skills to promote healthy child development | <ul style="list-style-type: none">• Early childhood home visitation• Parenting skill and family relationship approaches |
| Intervene to lessen harms and prevent future risk | <ul style="list-style-type: none">• Enhanced primary care• Behavioral parent training programs• Treatment to lessen harms of abuse and neglect exposure• Treatment to prevent problem behavior and later involvement in violence |

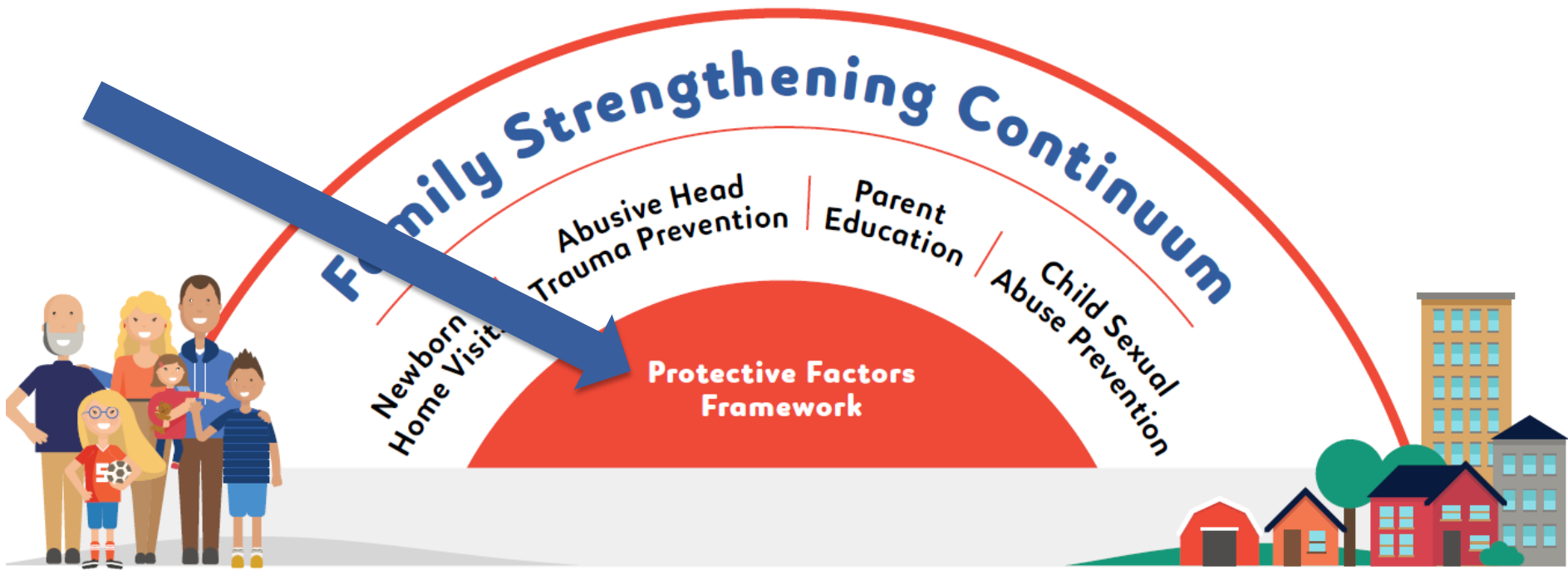
How We Invest

Family Strengthening Continuum

Newborn Home Visits | Abusive Head Trauma Prevention | Parent Education | Child Sexual Abuse Prevention

Protective Factors Framework

Our Foundation



What are the Protective Factors?



Why Are Protective Factors Important?



The Five Protective Factors

Social and Emotional Competence of Children

Knowledge of Parenting and Child Development

Social Connections

Parental Resilience

Concrete Support in Times of Need



Abusive Head Trauma Prevention

- The #1 trigger for shaken baby syndrome is frustration with a baby's crying.
- Approximately 25% of victims die.
- Vast majority of the infants will experience lifelong disabilities.



Sentinel Injuries

Sentinel injuries (SI) are minor, poorly explained injuries in pre-cruising infants; they include bruises, fractures and intraoral injuries



Crying and Sentinel Injuries

- Crying normally peaks at 1-2 months
- Sentinel Injuries peaked at 2-3 months
- Abusive head trauma peaks at 3-6 months



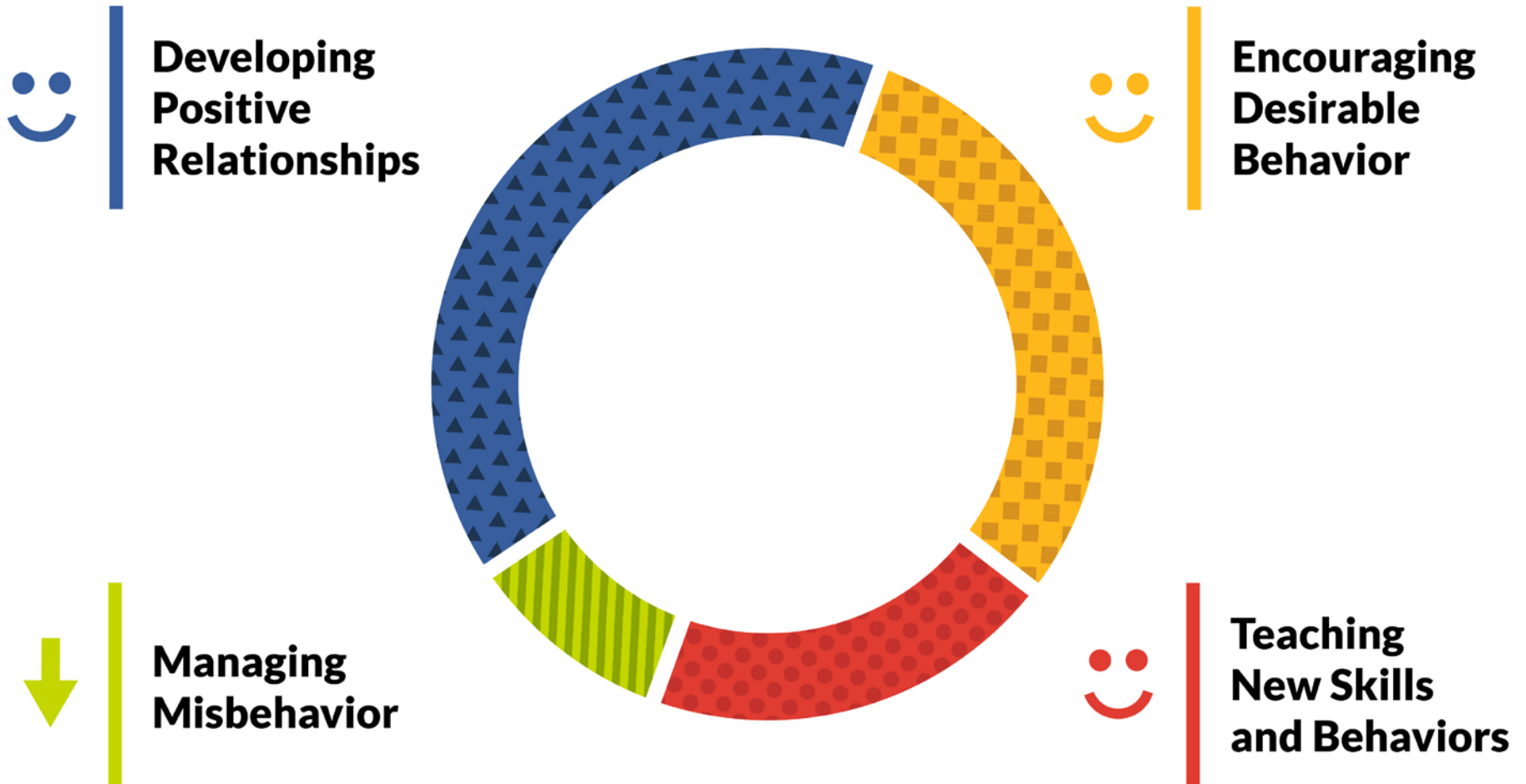
Summary of Findings

- Sentinel injuries preceded more severe abuse in 27.5% of abused infants
- Medical providers were reportedly aware of the sentinel injury in 42% of cases
- “Prevention window” between sentinel injury and more severe abuse ranged from 1 day to 7.3 months
- A history of or exam finding of bruising or intra-oral injury in pre-cruising infants should raise the concern of abuse

Parent Education

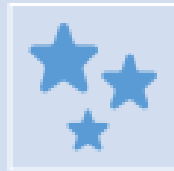


The Goal: more positive in your days.



Broad Research Base

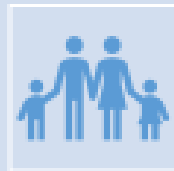
More than
35 years of
ongoing
research



One of the most effective evidence based parenting programs in the world.



Translated into 21 languages.



Has been shown to work across cultures, socio-economic groups and in different kinds of family structures.

Population Level Effects

The CDC funded a trial in South Carolina introducing Triple P into 9 counties and comparing outcomes with 9 similar counties with care as usual. The results for the Triple P counties:

- Fewer injury-related ER visits
- Fewer out of home placements
- Fewer (slower growth) of substantiated cases of maltreatment

The Opportunity



More Information

Child Abuse and Neglect Prevention Board

www.preventionboard.wi.gov

Triple P evidence-based resources:

<https://pfsc-evidence.psy.uq.edu.au/>

Wisconsin Child Abuse Network (WI CAN)

<https://wchildabusenetwork.org/>



References

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- Sheets LK, Leach ME, Koszewski IJ, Lessmeier AM, Nugent M, Simpson P. Sentinel injuries in infants evaluated for child physical abuse. *Pediatrics*. 2013;131(4):701-707.
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- Prinz, R. J. (2017). Assessing child maltreatment prevention via administrative data systems: A case example of reproducibility. *Child Abuse and Neglect, 64, 13-18*.

Thank You



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