

Integrated Pediatric Health Care: Developments and Directions



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Services for Kids In Primary-care (www.SKIPProject.org)

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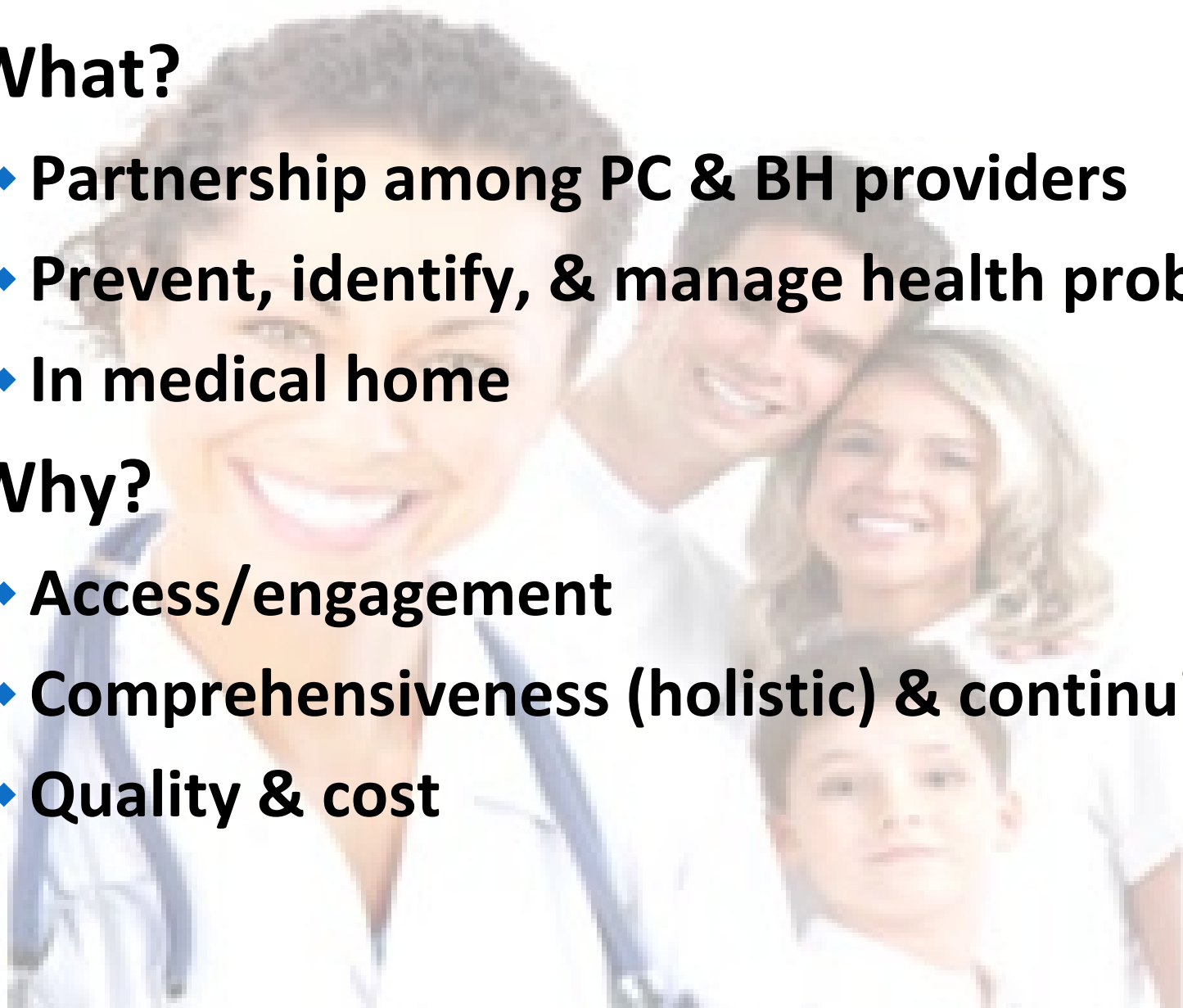
Integrated Health Care

◆ What?

- ◆ Partnership among PC & BH providers
- ◆ Prevent, identify, & manage health problems
- ◆ In medical home

◆ Why?

- ◆ Access/engagement
- ◆ Comprehensiveness (holistic) & continuity
- ◆ Quality & cost

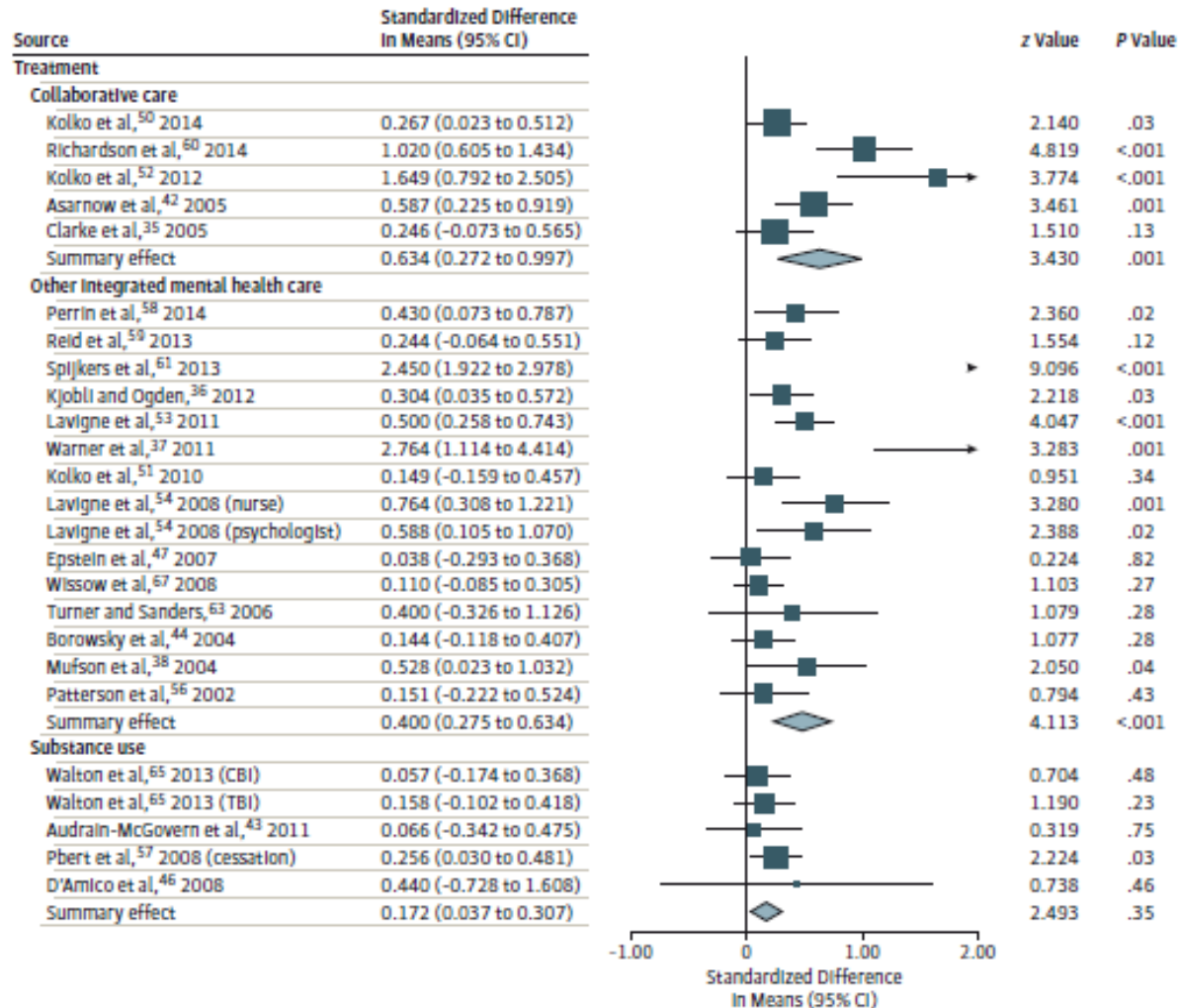


Levels of Integration (SAMHSA)

<u>COORDINATED</u> KEY ELEMENT: <i>COMMUNICATION</i>		<u>CO-LOCATED</u> KEY ELEMENT: <i>PHYSICAL PROXIMITY</i>		<u>INTEGRATED</u> KEY ELEMENT: <i>PRACTICE CHANGE</i>	
LEVEL 1 Minimal Collaboration	LEVEL 2 Basic Collaboration at a Distance	LEVEL 3 Basic Collaboration Onsite	LEVEL 4 Close Collaboration Onsite with Some System Integration	LEVEL 5 Close Collaboration Approaching an Integrated Practice	LEVEL 6 Full Collaboration in a Transformed/ Merged Integrated Practice

Research Support for Pediatric Integration

Asarnow et al., 2015, *JAMA* (31 RCTs; 36 comparisons)




Error bars indicate 95% CI. CBT indicates cognitive-behavioral therapy; TBI, traumatic brain injury. Because this figure breaks studies into finer categories

than those in the overall moderator analyses, summary effect sizes may differ slightly.

Study Characteristics

Asarnow et al., 2015, *JAMA* (25 Treatment Comparisons)

		Coordination	Co-Location	Collaboration	Training
Study Type	Efficacy	2	12	5	0
	Effectiveness	0	2	0	4
Problem Type	Externalizing	1	10	2	2?
	Internalizing	0	2	3	0
	Substance Use	0	4	0	1



Summary of Effects

- ◆ **Overall Effect Size (ES) = 0.42**
 - ◆ TX (0.42) > PREV (0.07)
 - ◆ Collaborative (0.63) = Other (0.40)
 - ◆ No differences by:
 - ◆ Type of problem, age, rigor
- ◆ **Summary**
 - ◆ Modest results
 - ◆ Need practice direction (how to)



Other Outcomes

- ◆ **More service use & completion**
- ◆ **High satisfaction**
- ◆ **Less caregiver distress/burden**
- ◆ **More provider self-efficacy & practices**
- ◆ **Some long-term clinical benefits**
- ◆ **Some cost-benefit**

Challenges

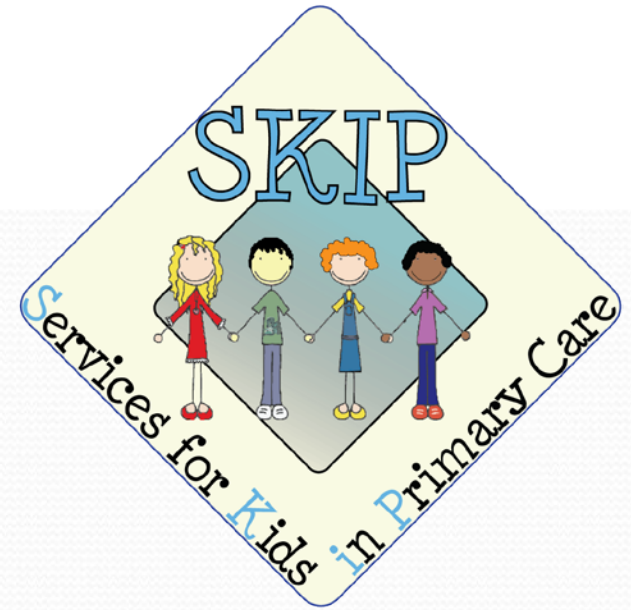
- ◆ **Model compatibility (regulations, roles)**
- ◆ **Cost (provider, training, services)**
- ◆ **Reimbursement**
- ◆ **Burden**
- ◆ **Provider “fit” (collaborative)**
- ◆ **Maintaining quality**



Thank you...

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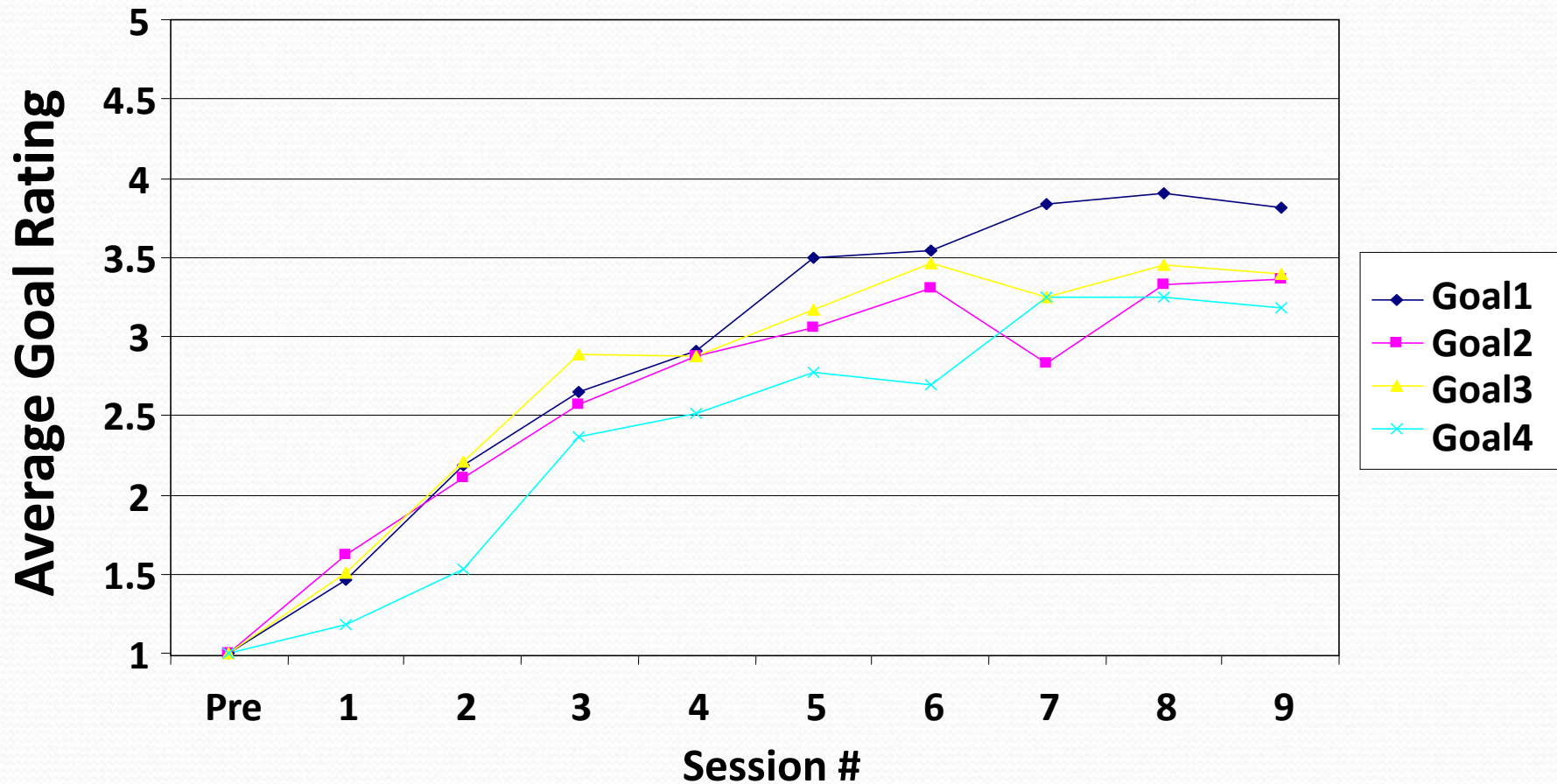


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Individualized Goal Attainment Ratings (IGAR)

(Kolko et al., 2012, *Archives of Pediatrics & Adolescent Medicine*)

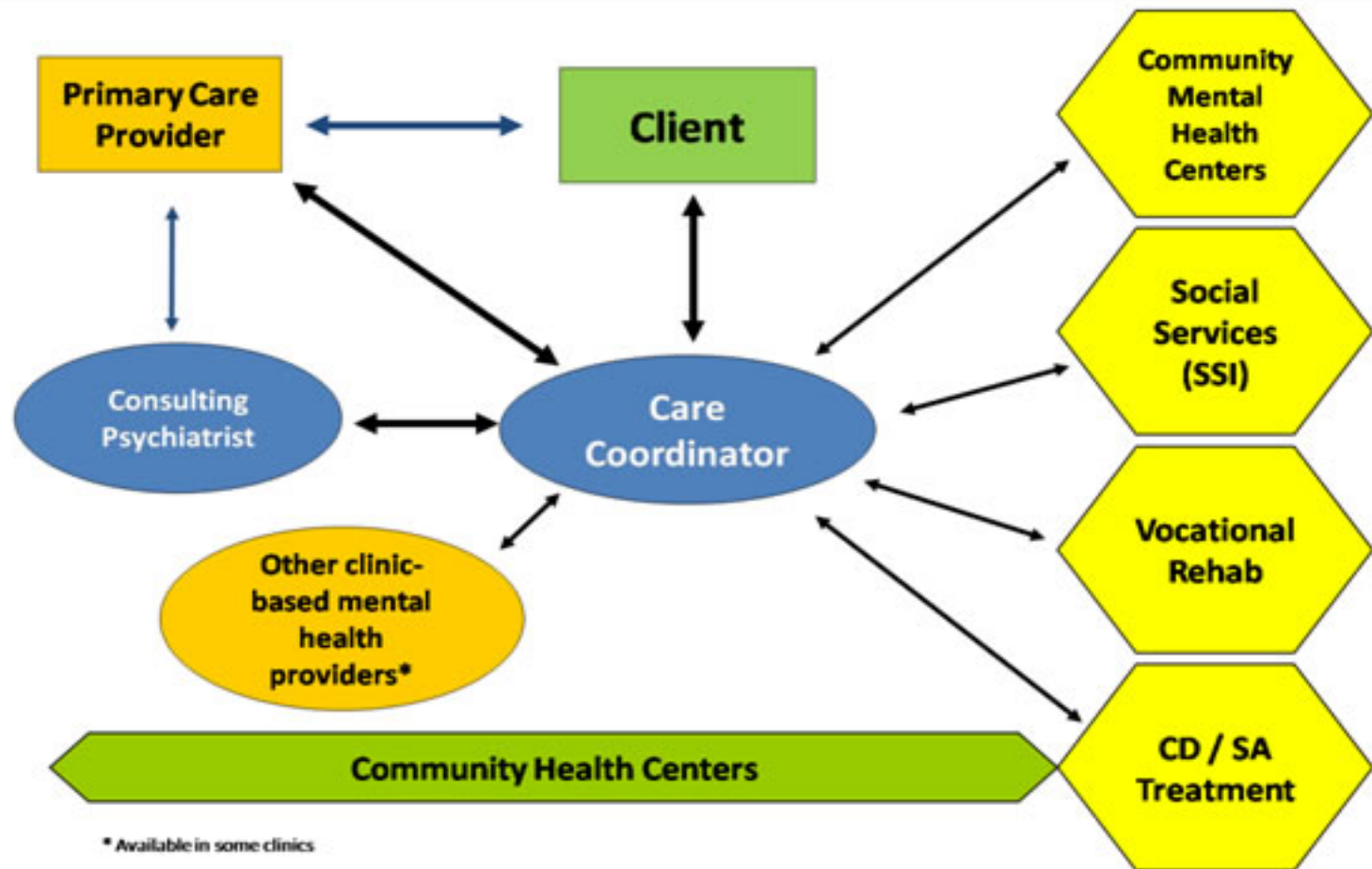


Collaborative Care Approach

- ◆ Incorporates 6 chronic care model principles
- ◆ Key elements
 - ◆ Consultation
 - ◆ Direct clinical service
 - ◆ Communication
 - ◆ Care coordination
 - ◆ Education
 - ◆ Continuity of care



Collaborative Care Delivery System



Benefits



- ◆ **Access**
- ◆ **Acceptability**
- ◆ **Child & caregiver gains**
- ◆ **Provider practices & morale**
- ◆ **Multidisciplinary/holistic**
- ◆ **Cost-effective**
- ◆ **Long-term health impact**

Research Directions

- ◆ Surveys of needs & experiences
- ◆ Workforce integration
- ◆ Dissemination (EBP guidelines)
- ◆ Core competencies
- ◆ Tests of implementation strategies
- ◆ Care quality tools
- ◆ Document sustainability

Practice Directions

- ◆ Partnerships with BH providers
- ◆ Care team training
- ◆ Novel financial resources
- ◆ Technology
- ◆ Individual progress monitoring

Care Manager Triage Follow-up Call



Chronic Care Model

