

# Integrated Pediatric Health Care: Developments and Directions



**David J. Kolko, Ph.D., ABPP**

Services for Kids In Primary-care ([www.SKIPProject.org](http://www.SKIPProject.org))

University of Pittsburgh School of Medicine  
Western Psychiatric Institute & Clinic

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# Integrated Health Care

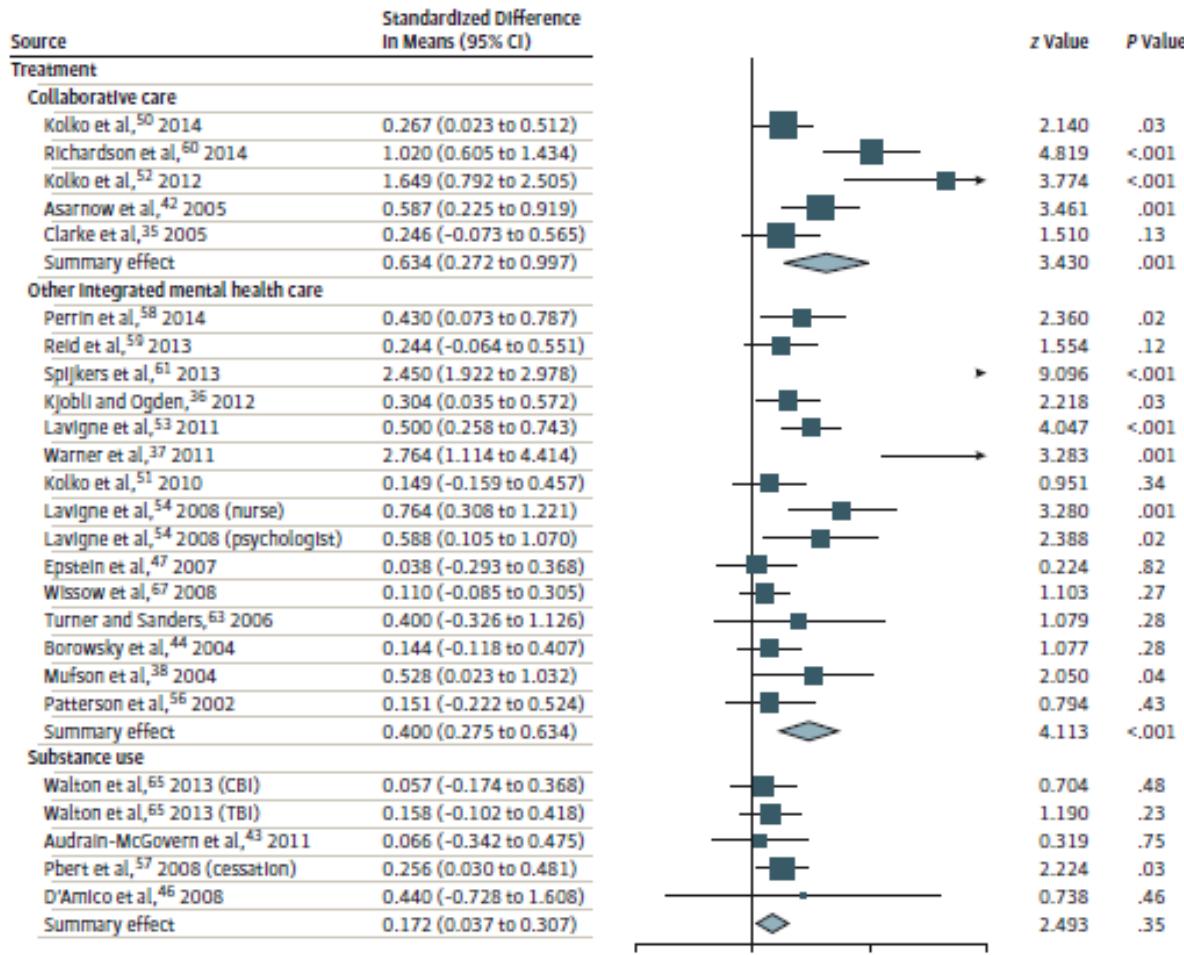
- ◆ **What?**
  - ◆ Partnership among PC & BH providers
  - ◆ Prevent, identify, & manage health problems
  - ◆ In medical home
- ◆ **Why?**
  - ◆ Access/engagement
  - ◆ Comprehensiveness (holistic) & continuity
  - ◆ Quality & cost

# Levels of Integration (SAMHSA)

<u>COORDINATED</u>		<u>CO-LOCATED</u>		<u>INTEGRATED</u>	
KEY ELEMENT: <i>COMMUNICATION</i>		KEY ELEMENT: <i>PHYSICAL PROXIMITY</i>		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)

Study Type	Efficacy	Coordination	Co-Location	Collaboration	Training
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...

- ◆ Contact info:

- ◆ [kolkodj@upmc.edu](mailto:kolkodj@upmc.edu)
- ◆ [www.pitt.edu/~kolko/](http://www.pitt.edu/~kolko/)
- ◆ [www.SKIPProject.org](http://www.SKIPProject.org)

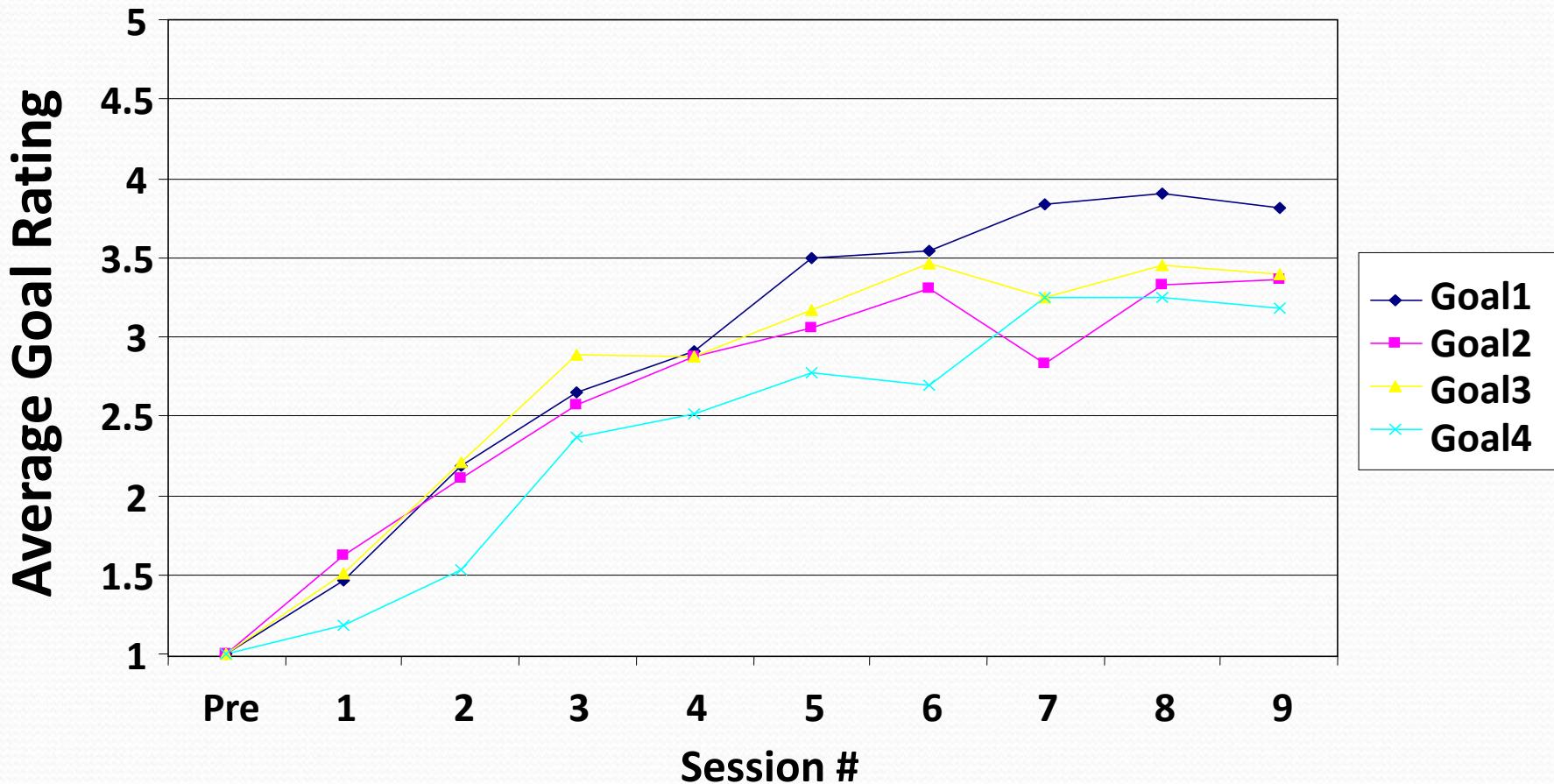


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# Individualized Goal Attainment Ratings (IGAR)

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

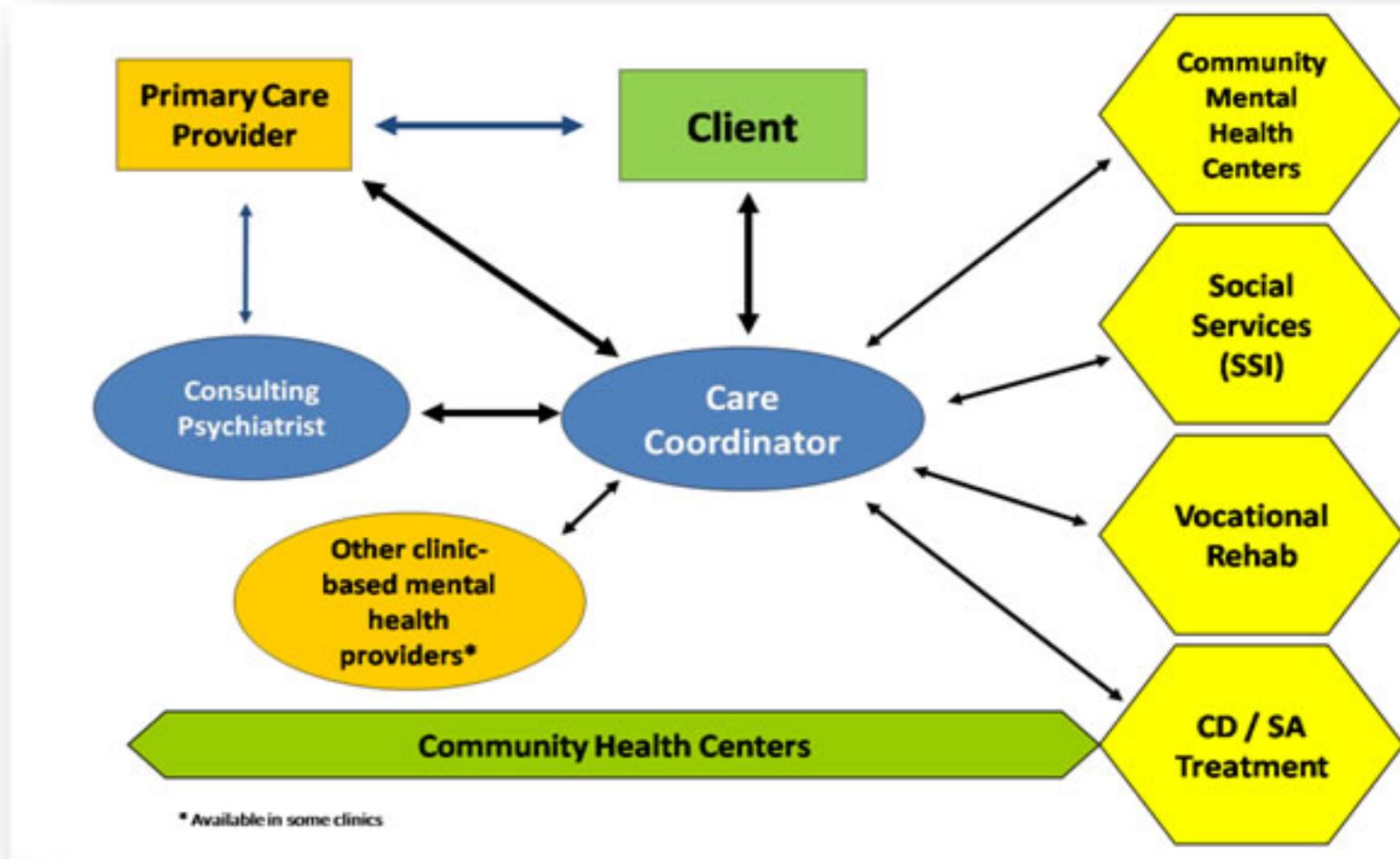


# Collaborative Care Approach

- ◆ 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

