

# INTENSIVE IN-HOME CHILD AND ADOLESCENT PSYCHIATRIC SERVICE (IICAPS)

Network Update and the Family Health and  
Development Project (FHDP)

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# IICAPS ACROSS THE STATE

## Present capacity:

- 20 IICAPS sites with a total of 145 IICAPS teams serving children and families across the Connecticut
- Since FY1213, IICAPS has closed over 2000 cases per fiscal year
- Waitlist data are challenging to accurately portray – as reported by sites:
  - Q2 FY1415: 260 reported at end of quarter
  - Q1FY1415: 210 reported at end of quarter

## Access to IICAPS:

- Sites situated across the state, with defined catchment areas
- Access issues for children privately insured

# REFERRALS TO AND FROM IICAPS

## (FY1314 DATA)

### Children referred to IICAPS from:

Other Community Provider Agency: 26.5%

Other Program w/in Agency: 23.7%

Psychiatric Hospital: 14.4%

DCF: 12.2%

Probation/Court: 14.4%

Self/Family: 4.2%

School: 3.9%

Other: 5.5%

### Children referred from IICAPS to:\*

Outpatient Services: 63.1%

Other Community Based Services: 8.8%

Extended Day: 5.9%

Intensive In-Home: 5.7%

IOP: 4.4%

Care Coordination: 3.9%

Residential Treatment: 3.1%

Other Out-of-home: 2.3%

Psych Hospital: 1.7%

PHP = 1.6%

(\*some children referred to more than one service)

# IICAPS: OUTCOMES FOR TREATMENT COMPLETERS

## (FY1314 EVALUATION DATA)

Service Utilization decreases during IICAPS as compared with the six months prior to intake :

- decrease in psychiatric inpatient admissions = **53.7%** and days = **65.0%**
- decrease in ED visits = **36.3%**

Ohio Scales scores, intake to discharge:

- **13 point decrease** in Problem Severity per parent report  
*(mean at discharge = 20.5, just shy of non-clinical range of 20 and below)*
- **9.7 point increase** in Functioning per parent report  
*(mean at discharge = 49.7, just below non-clinical range of 51 and above)*

# FAMILY HEALTH AND DEVELOPMENT PROJECT

## *(RANDOMIZED CONTROLLED TRIAL OF IICAPS)*

### Overall timeline:

- Study Start: May 2011
- Enrollment completion: June 2014
- Completion of 12-month follow-up: May/ June 2015
- Submission of Study results: December 2015

Children and families identified through referral to Yale Child Study Center IICAPS site

Funded internally by Yale Child Study Center

- All research staff, materials, expenditures
- All clinical staff providing treatment services

# TREATMENT ARMS

## IICAPS

- Two-person clinical team provides child-centered, family-focused intervention
- Three face-to-face treatment sessions per week (individual child, parent, & family session); case management

## Home-based Child Treatment Coordination

- Clinically trained Coordinator works with parent/legal guardian to identify and access needed mental health services for child
- Once monthly home visit; weekly phone consultations

## Randomization program for FHDP stratifies on two variables

- Prior psychiatric hospitalization, lifetime (yes, no)
- Age (13 years & younger, 14 years & older)

# DATA COLLECTION

12-month study period per participant:

- Study treatment (IICAPS or Home-based CTC) provided for 6 month period with up to 4 week extension per clinical need
- In-person research interviews with parent/legal guardian at three time points: baseline, study treatment discharge/approximately 6 months, and 12 months
- Brief phone interviews monthly between in-person interviews

Teacher and School Data: requested at baseline, end of study treatment, and 12 months

Hospital Discharge Summaries: requested following a psychiatric hospitalization

Claims Data: requested for 6 months prior to enrollment through 12-months post-enrollment



# PRIMARY OUTCOMES

Two primary outcomes, measured monthly:

- Psychiatric hospitalization admissions

*(measured with the Service Utilization Questionnaire, Hospital Discharge Summary, and DSS Claims data)*

- Out-of-control behavior

*(measured with the Retrospective Modified Overt Aggression Scale, R-MOAS)*

Other measures:

- Child symptoms & behavior as reported by primary caregiver & teacher
- Parent psychiatric symptoms, parenting behavior, parental problem solving, & parental perception of the child
- School: Suspensions, Expulsions, Days missed, Disciplinary Events



# UPDATE ON PROGRESS

110 participants enrolled (54 in IICAPS, 56 in Home-based CTC)

- 14 withdrawals
- 85 have reached study completion time period; 11 participants will finish over the next three months

## Interview Completion

- End-of-study-treatment interview: 87.9% of eligible participants  
*(79.1% completion of all enrolled participants, including withdrawals)*
- Final interview (of 95 completed to date): 82.4% of eligible participants  
*(73.7% completion of all enrolled participants, including withdrawals)*