

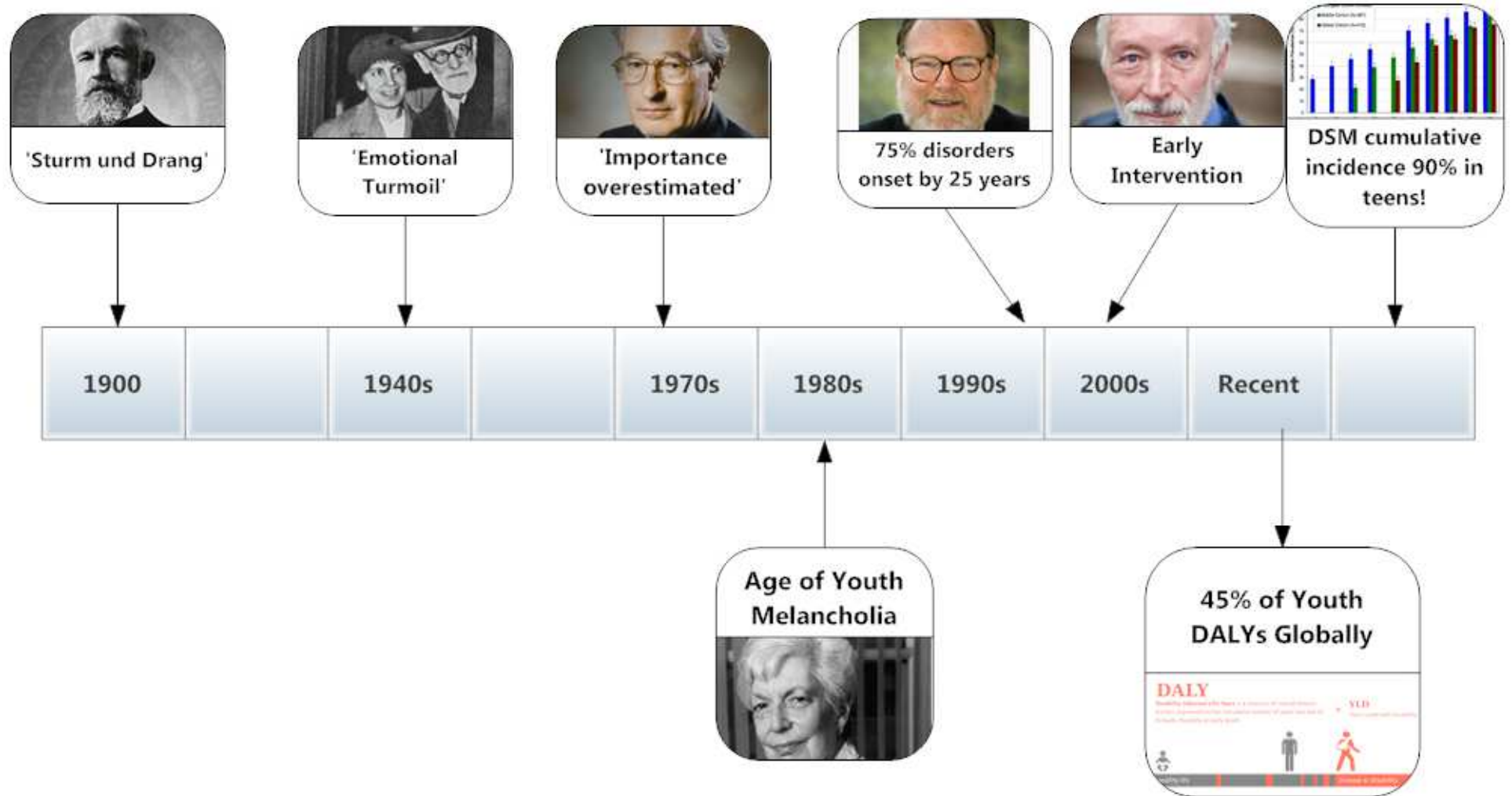
# Longitudinal Perspectives on the Course of Mental Disorders in Young People

Youth Mental Health: from continuity of  
Psychopathology to continuity of care  
Venice, December 2014

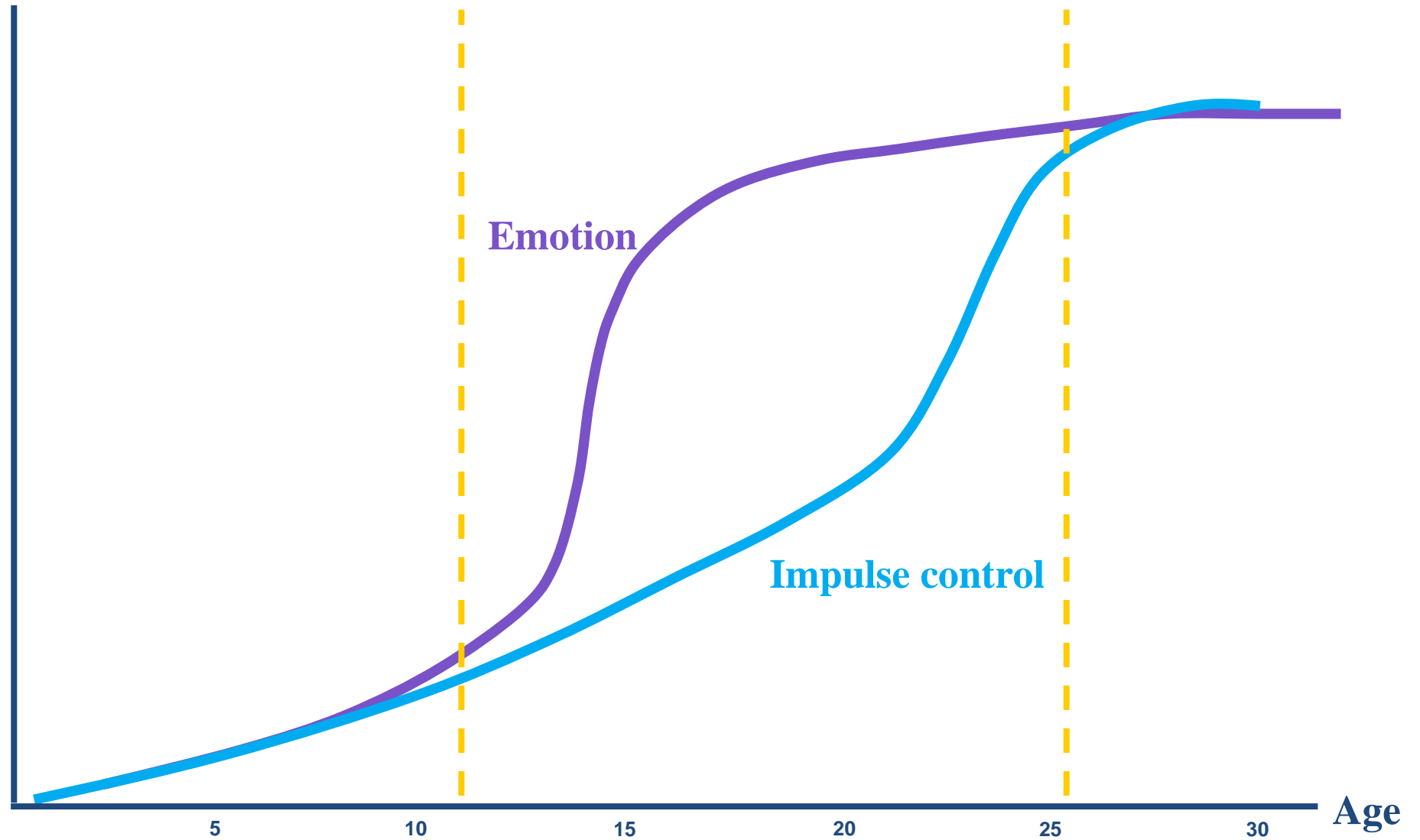
George Patton

Professor of Adolescent Health Research,  
University of Melbourne

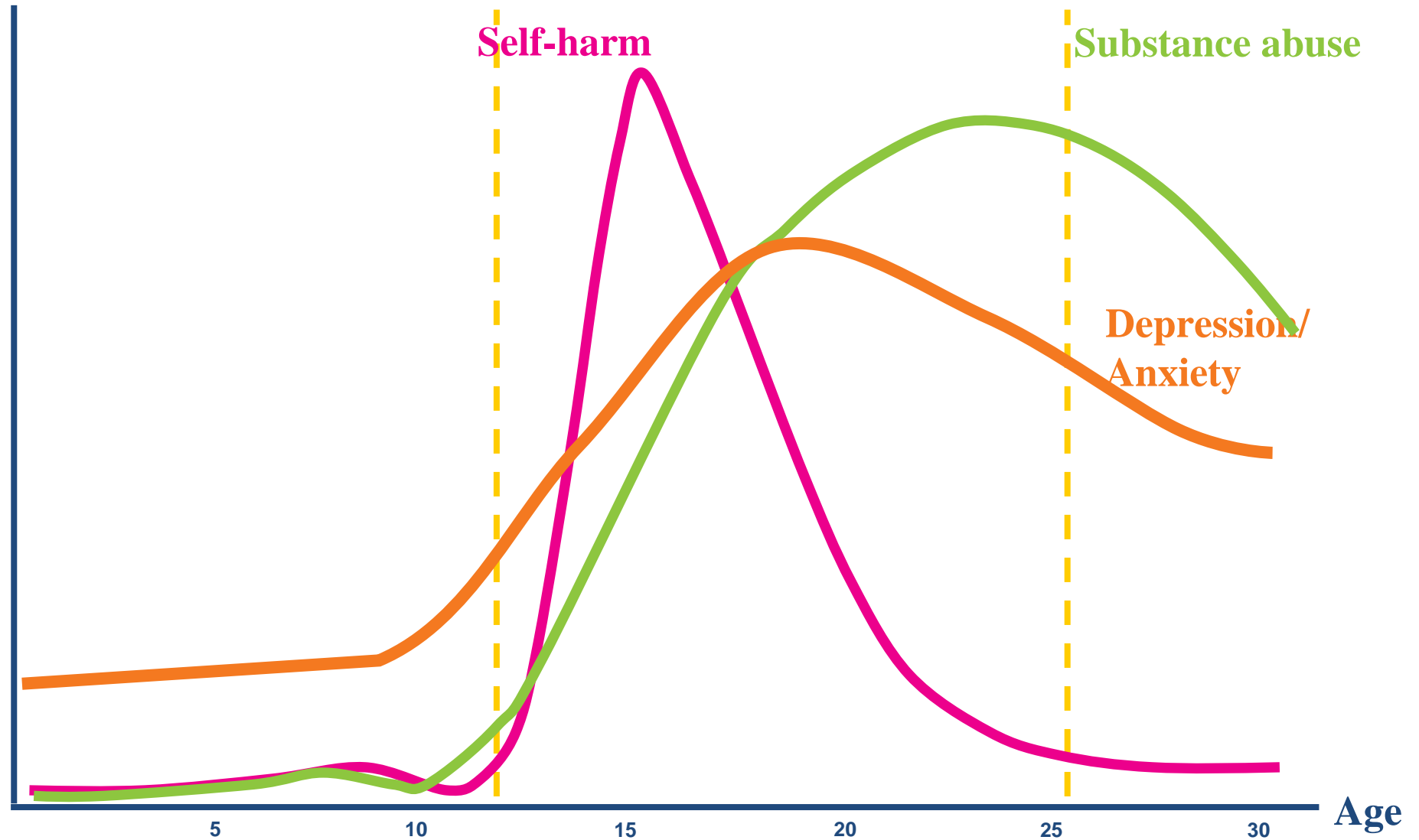
# A Brief History of Ideas in Adolescent Mental Health



# *New models of adolescent brain development*



# A window of opportunity and vulnerability

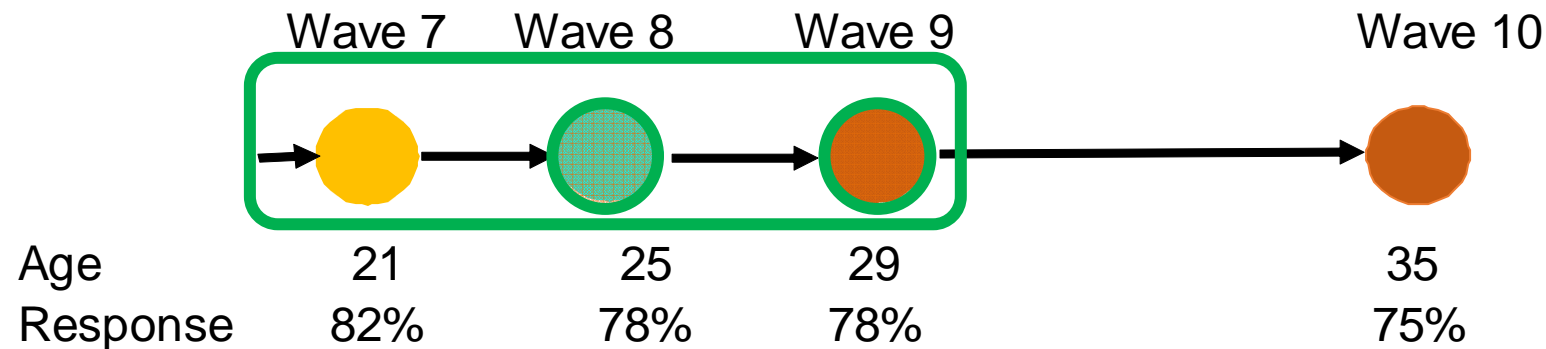
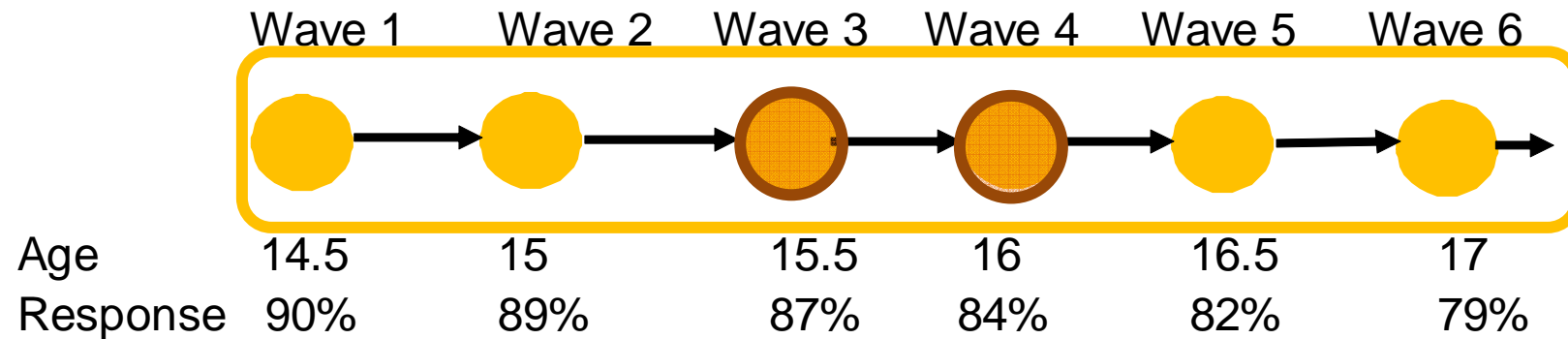


Emotional problems  
are exceedingly  
common in  
adolescents

Many adult disorders  
begin in adolescence

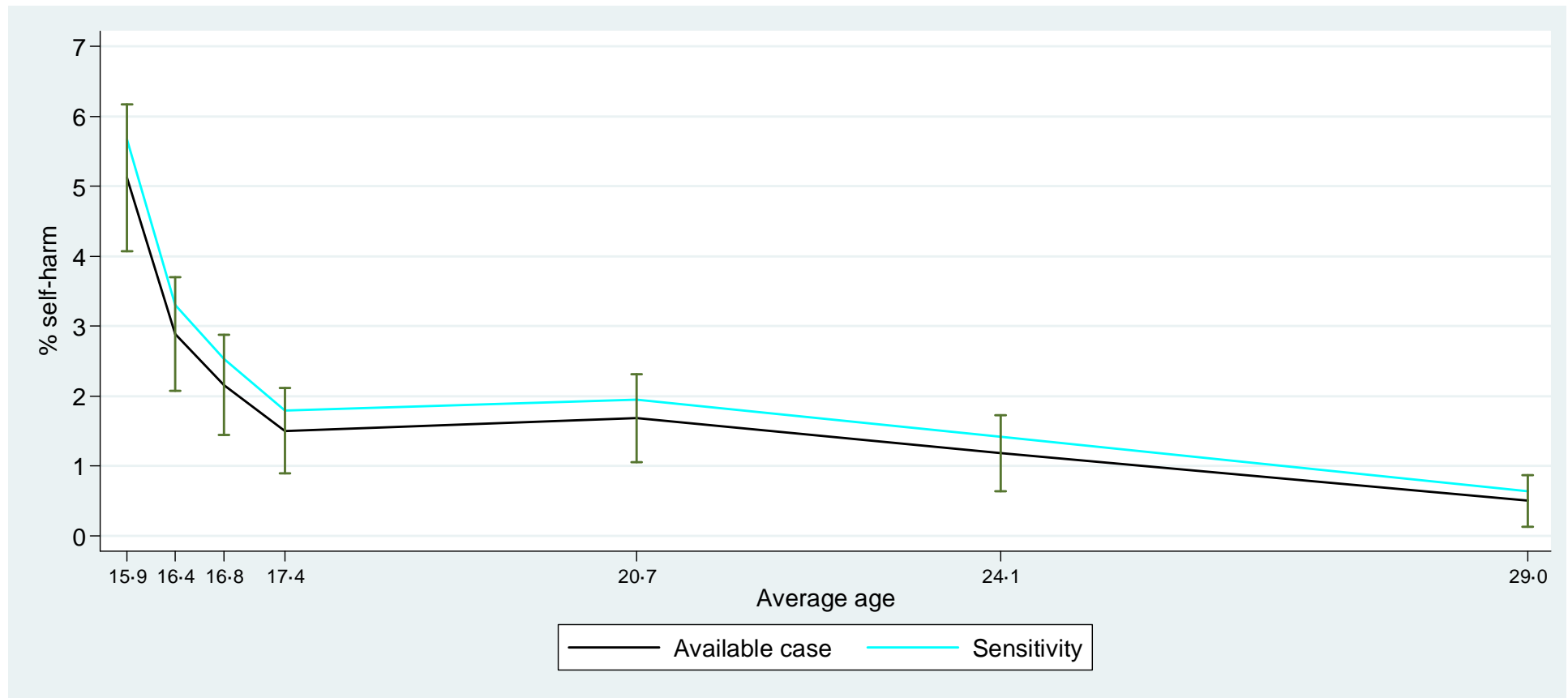
What we know

# Victorian Adolescent Health Cohort Study 1992–2014



● CIS-R ● GHQ ● GHQ/CIDI

# A tool for studying natural history/prognosis: self-harm from adolescence to adulthood



*How many young adult common mental disorders have adolescent origins?*

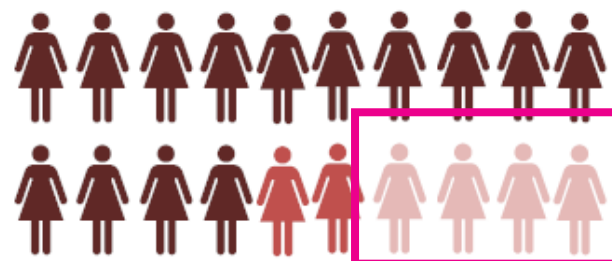
**Adolescent history in 483 young adult female cases**

**Any Case in  
Twenties  
52%**



**33% never  
teen case**

**Persistent Case  
in Twenties  
21%**

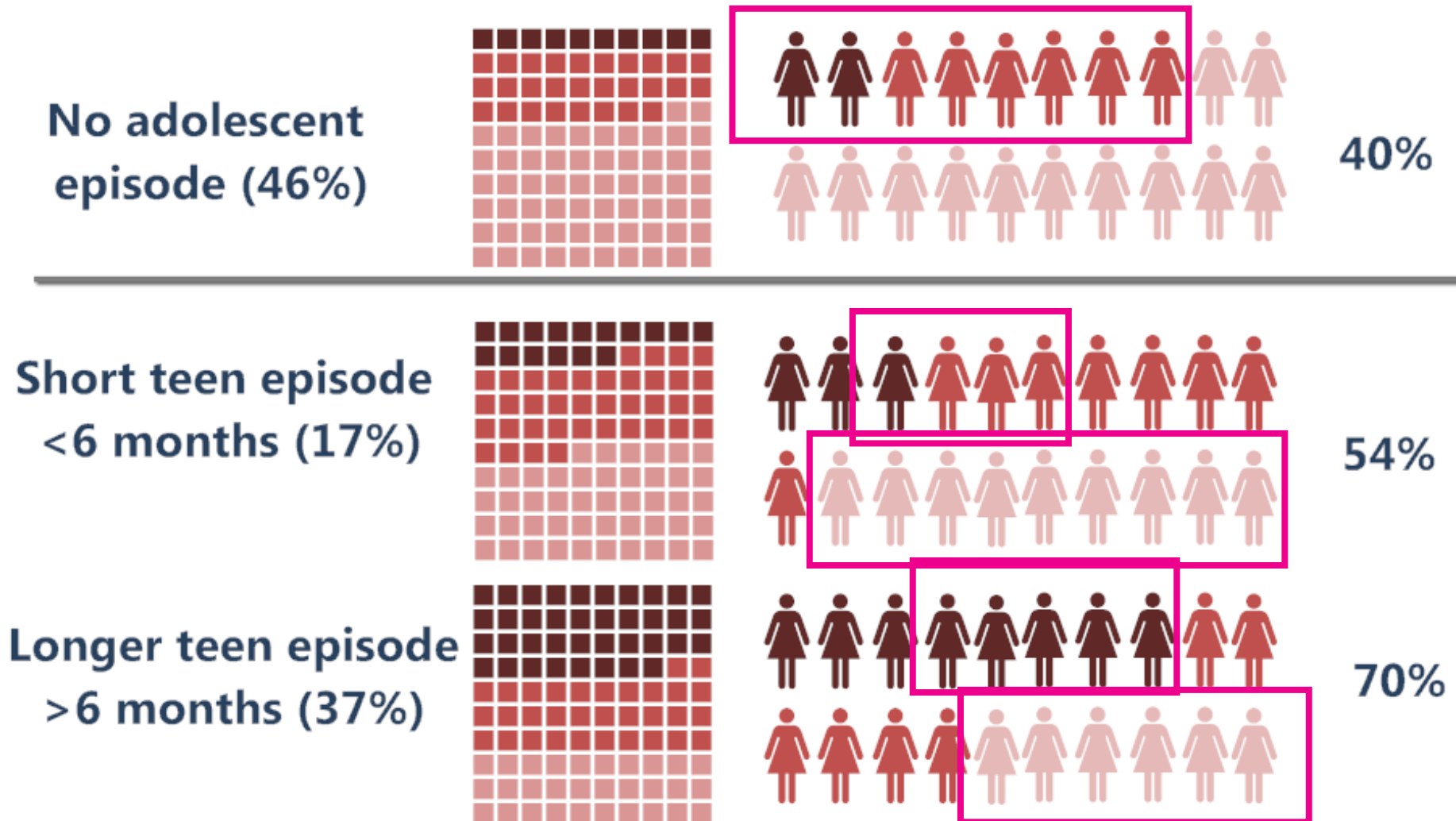


**21% never  
teen case**



# What is the prognosis of adolescent disorders?

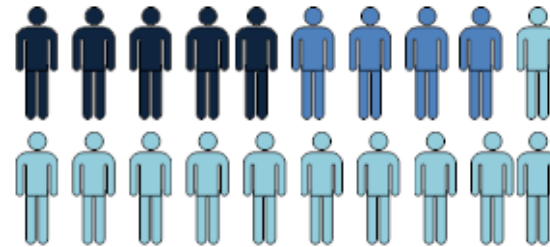
## Common mental disorder in young adult females



*And in males?*

## Adolescent history in 256 young adult male cases

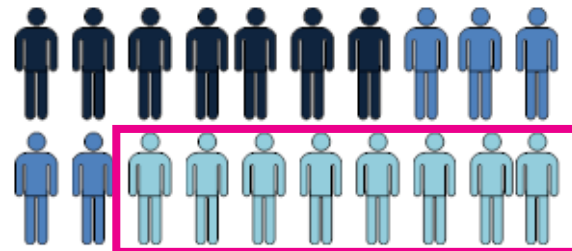
Any Case in  
Twenties  
31%



55% never  
teen case

---

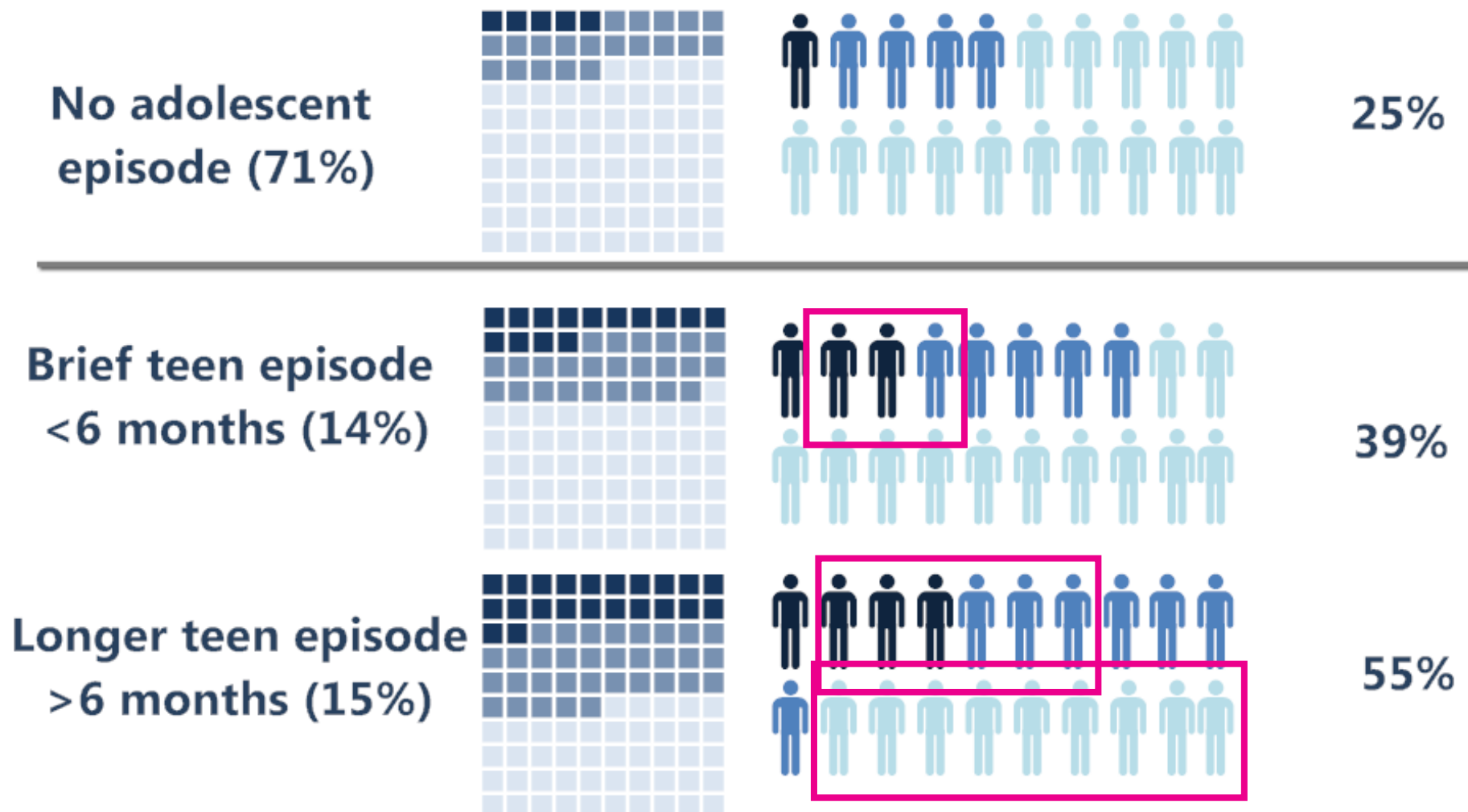
Persistent case  
in Twenties  
5%



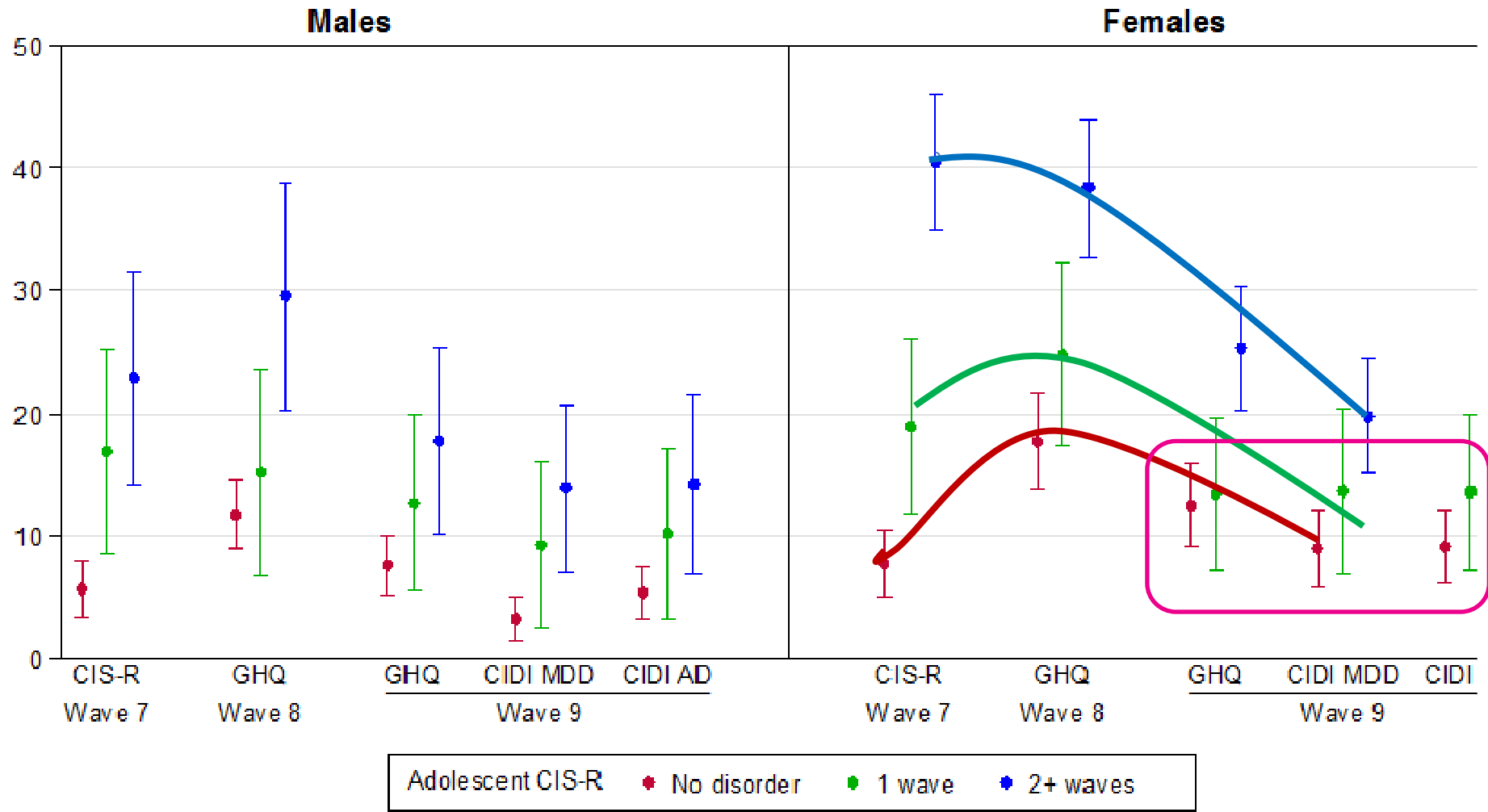
40% never  
teen case

# *And the prognosis in males?*

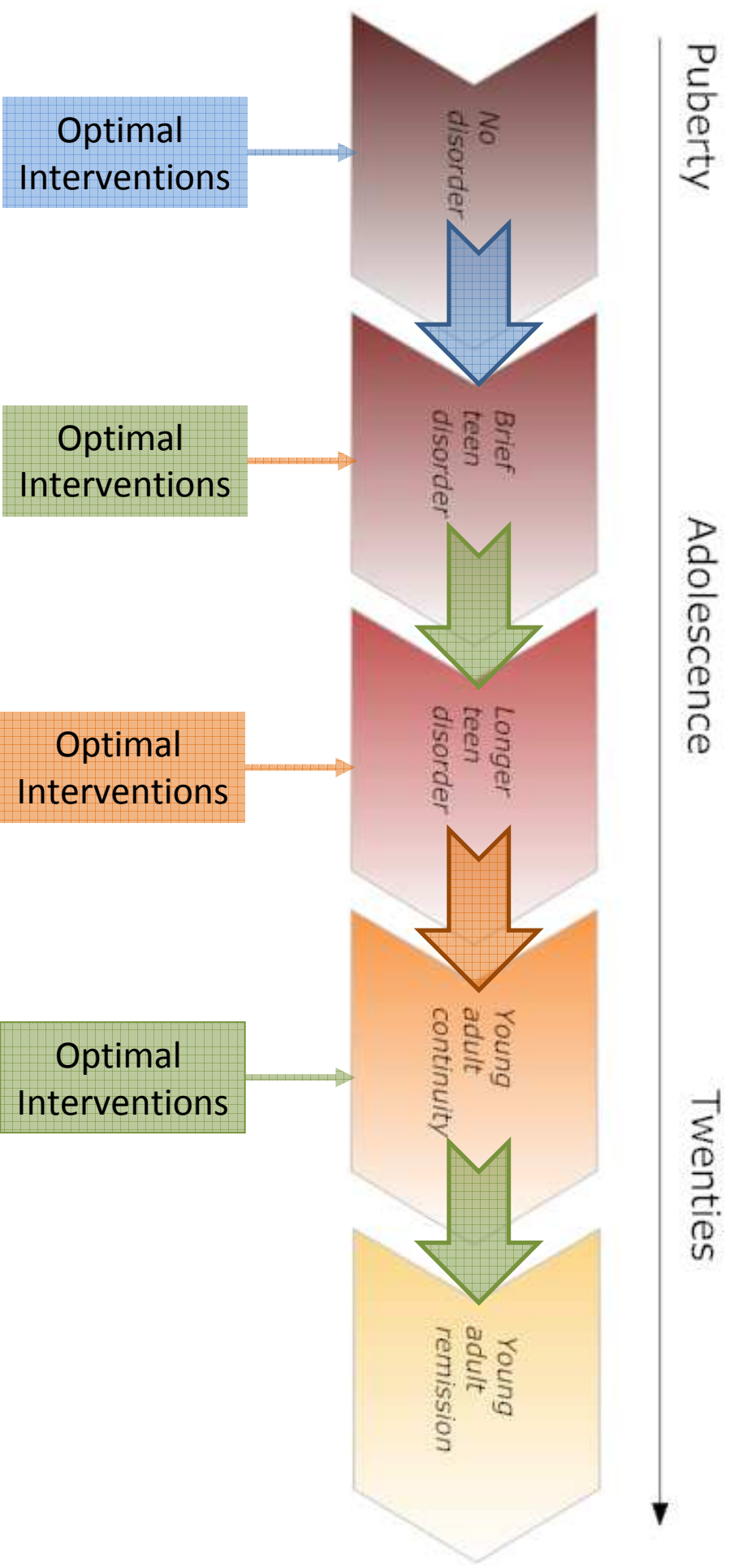
## Common mental disorder in young adult males



# Further remission in the late twenties?



# *A Life Course Frame for Research in Adolescent Mental Health*





TRAITÉ DE LA FOLIE

PAR

# FEMMES ENCEINTEES

PAR

ARTHUR ACCOULETTE ET DES SOMMETS

ET

UN GRAND NOMBRE D'AUTRES AUTEURS

PAR

LE D. L. V. MURCE

Autres auteurs, sous le patronage de la Faculté de médecine,  
présenté par le Dr. J. B. Baillière.

PARIS

J. B. BAILLIÈRE ET FILS,

ÉDITEURS, 10, RUE CASSINI, PRÈS LE MONTAIGNON.

— 1855 —

UN VOLUME

UN VOLUME

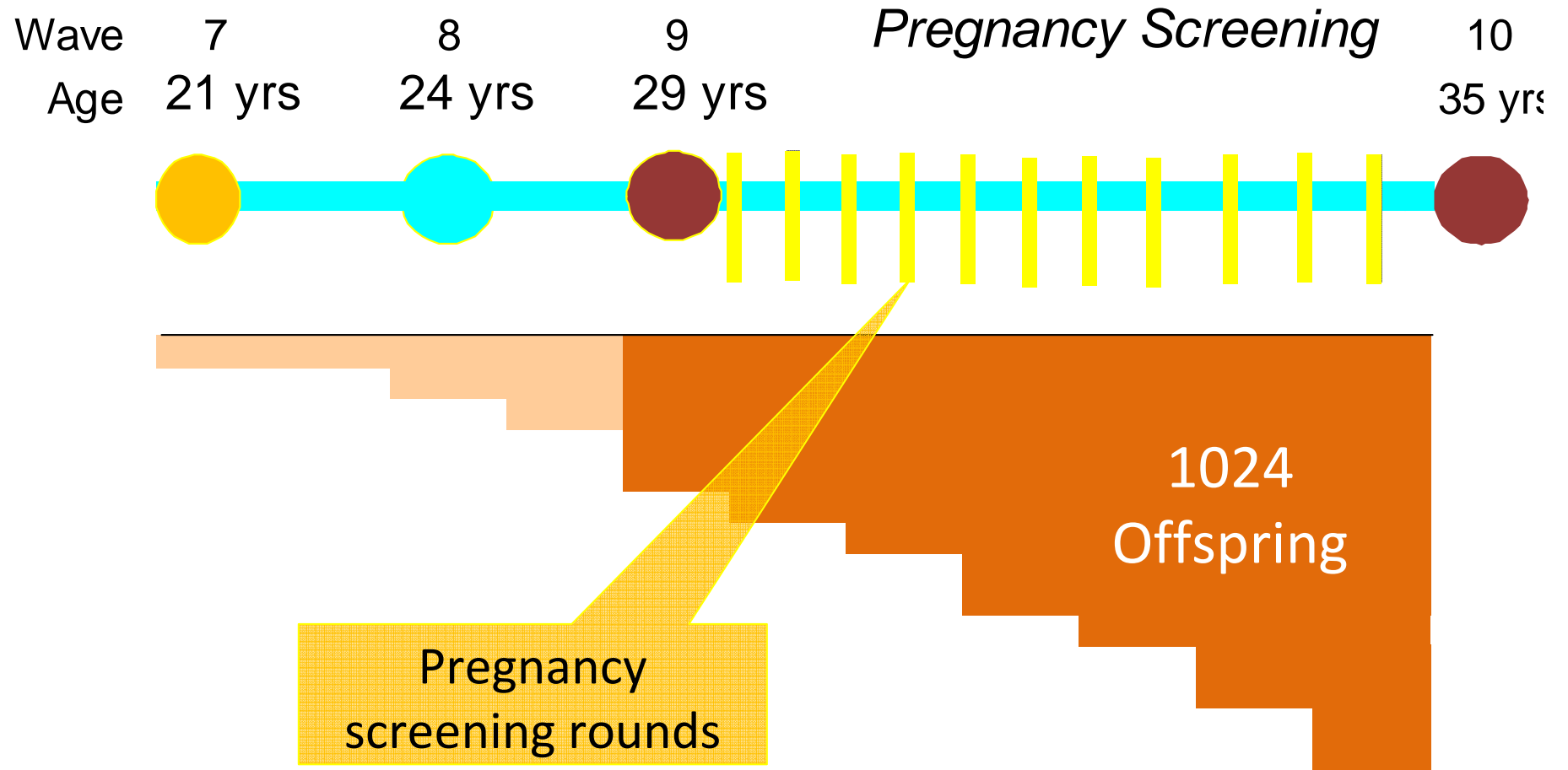
À VENDRE SEULS, À LA FACULTÉ DE MÉDECINE, 10, RUE CASSINI, PRÈS LE MONTAIGNON.

— 1855 —

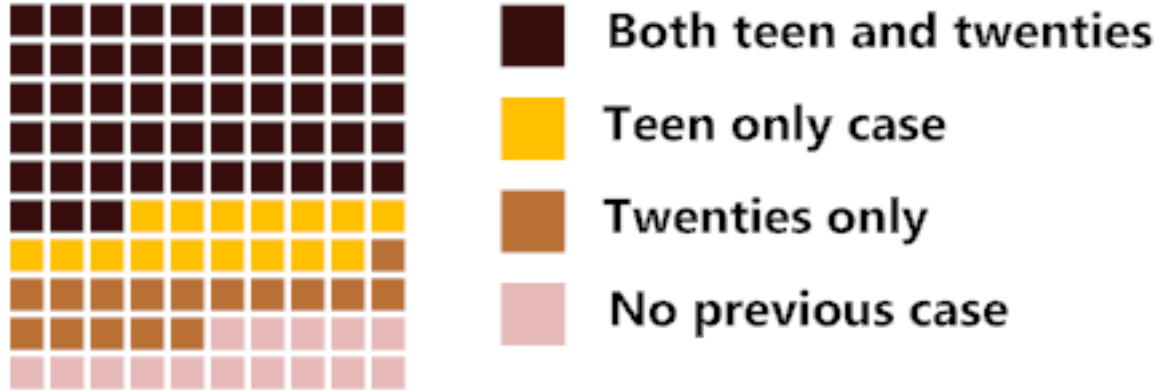
UN VOLUME

À VENDRE SEULS, À LA FACULTÉ DE MÉDECINE, 10, RUE CASSINI, PRÈS LE MONTAIGNON.

# Preconception (Offspring) study design



# Preconception Mental Health Problems in Women with Perinatal Depressive Symptoms



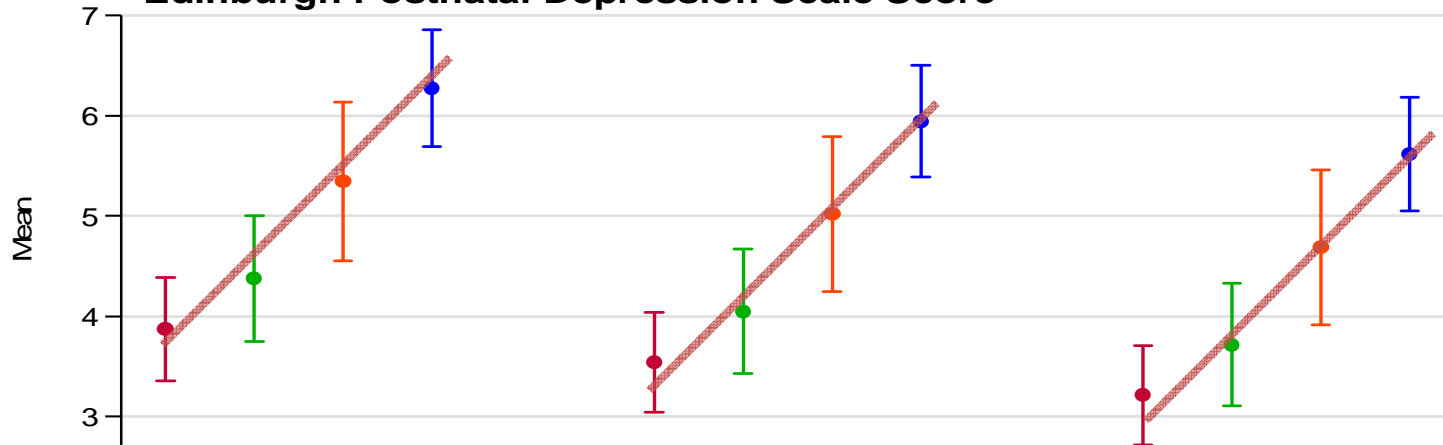
85%

EPDS  $\geq 10$

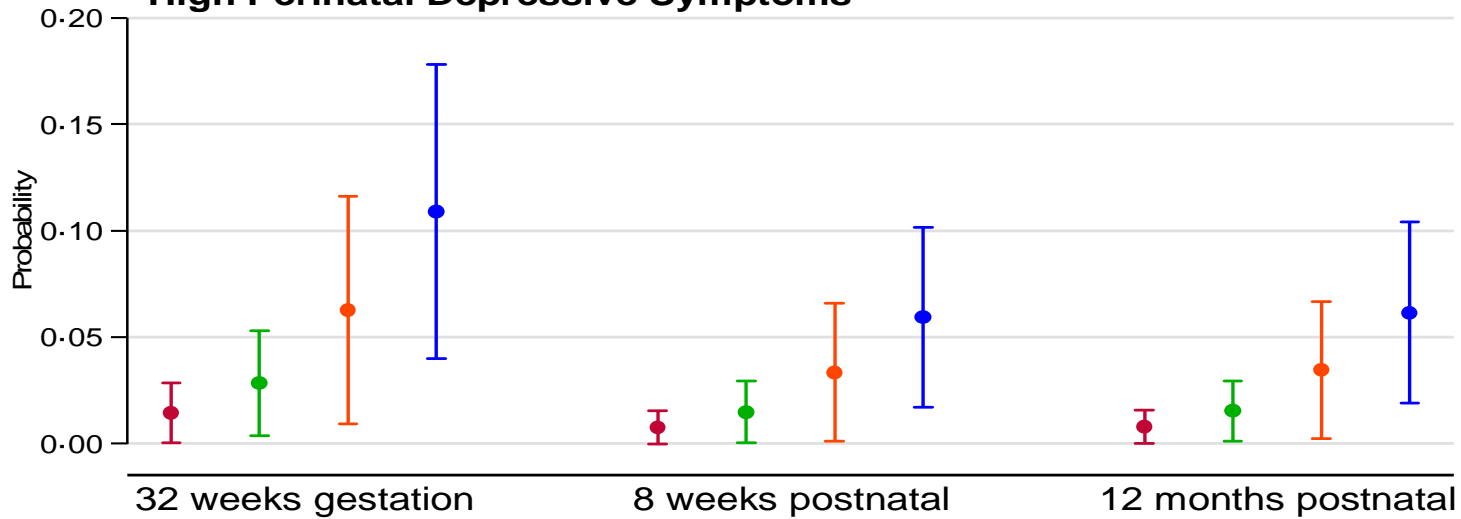
Patton et al Lancet in press



### Edinburgh Postnatal Depression Scale Score



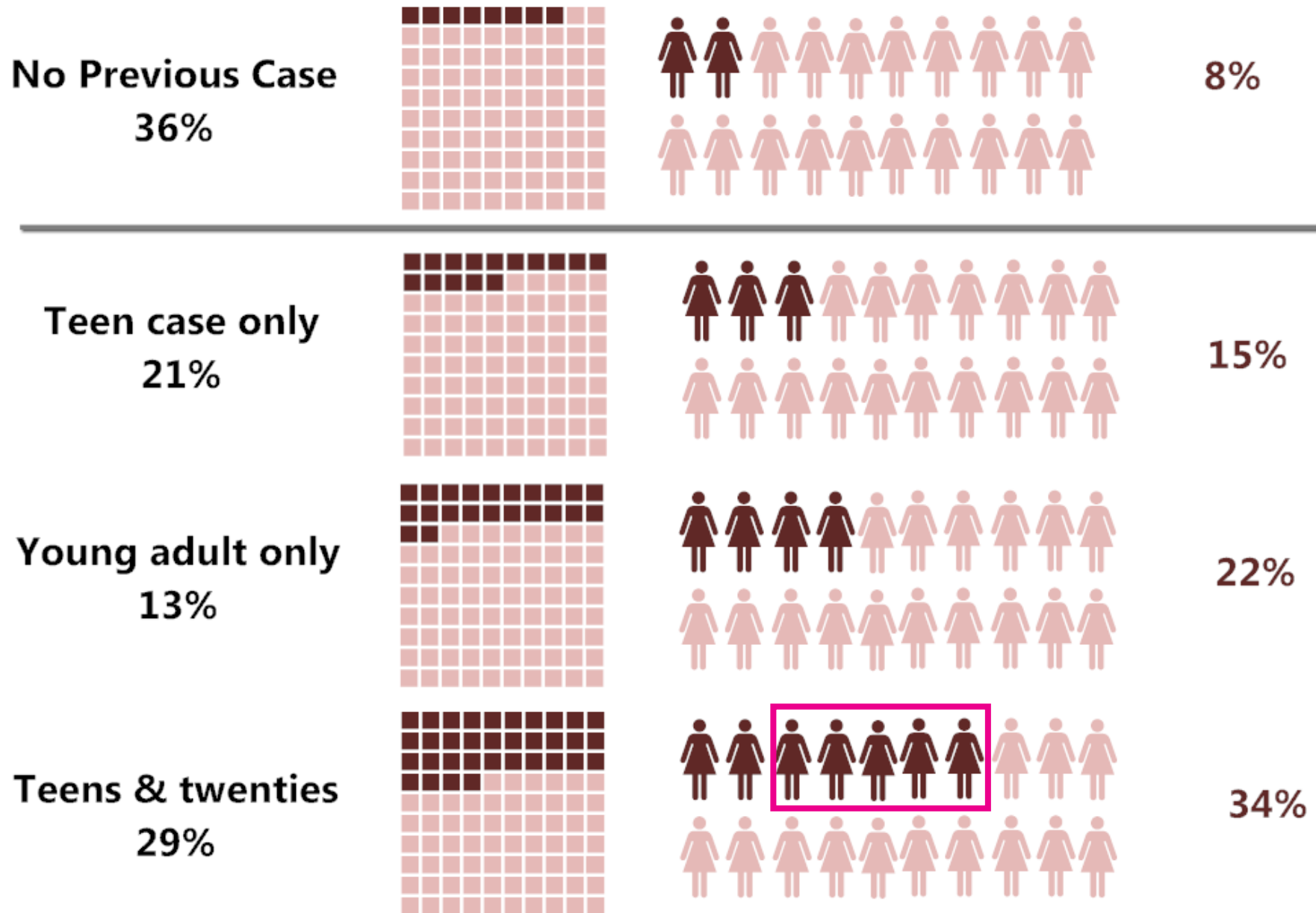
### High Perinatal Depressive Symptoms



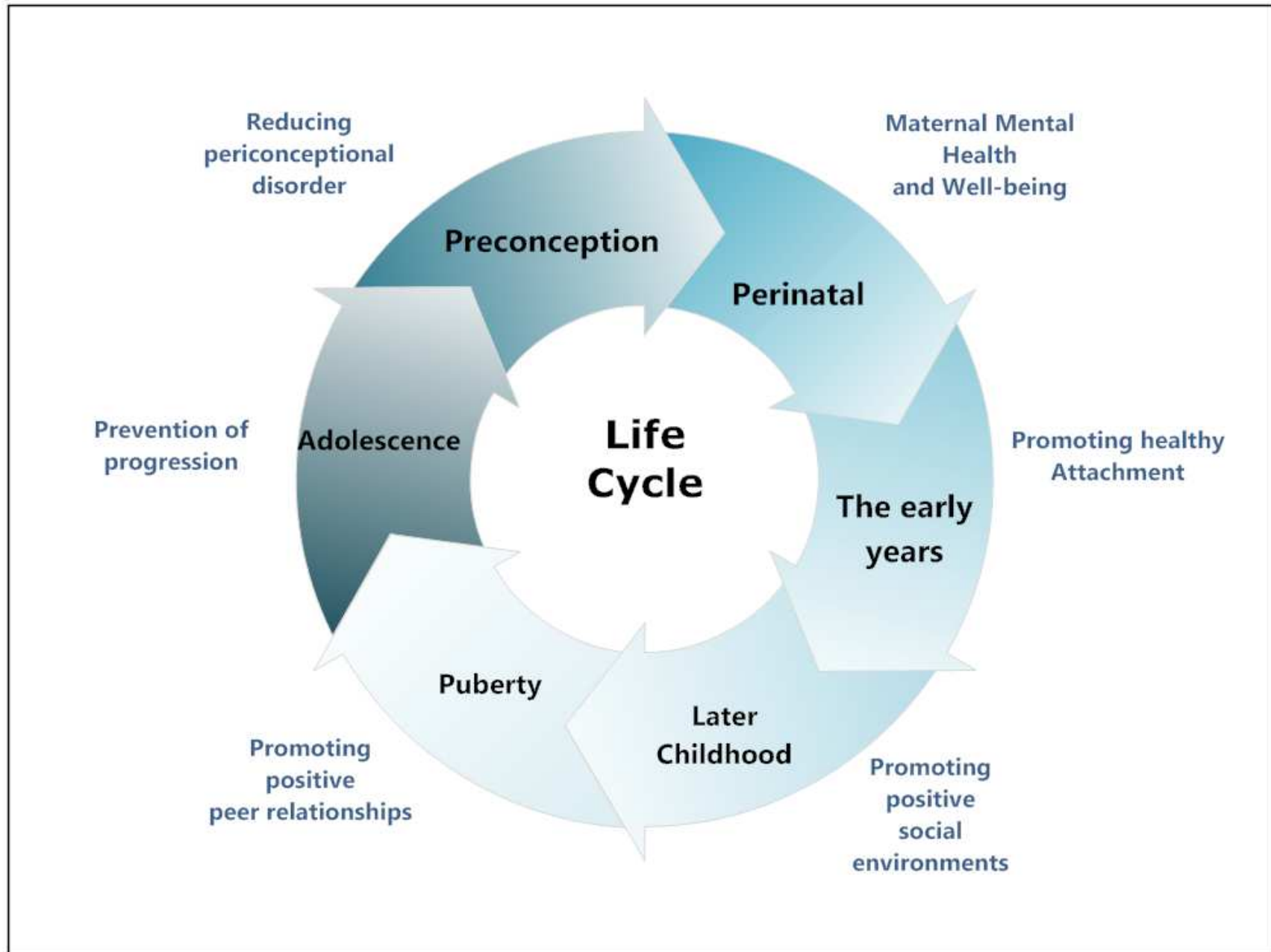
**Continuity of disorder**

- No disorder
- Adolescent disorder only
- Young adult disorder only
- Adolescent & young adult disorder

# Preconception History & Risks for Perinatal Depression



# From a life course to a life cycle view





# Probability of teen cases continuing into twenties

