



BROWN
Alpert Medical School

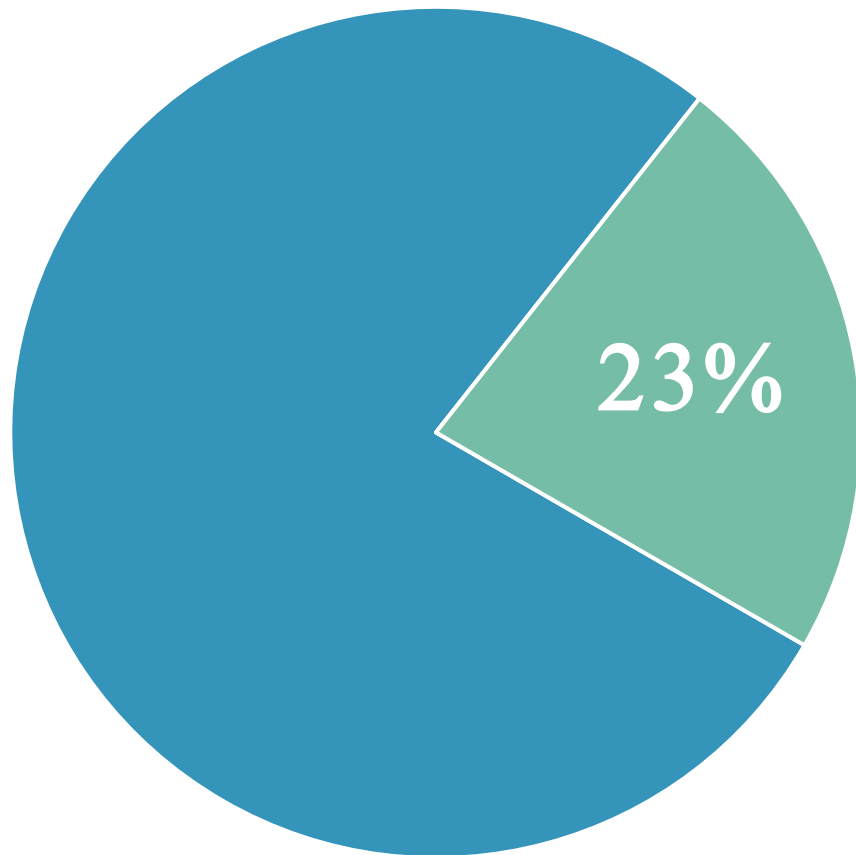
Key Diagnostic Challenges Related to Maternal Mental Health

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Disclosure Statement

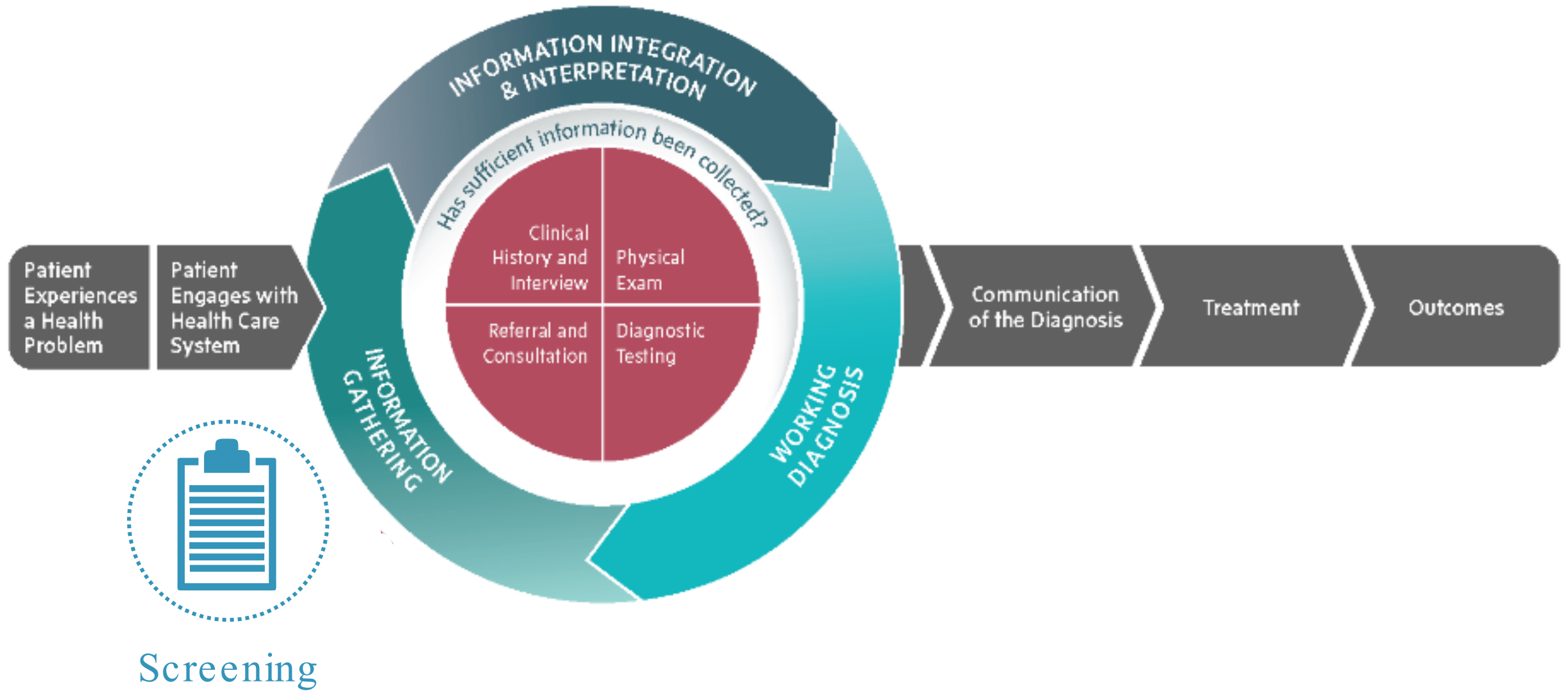
- No conflicts of interest
- Funding:
 - Friends of Prentice
 - R34 MH119029-5111
 - R01 HD105499
 - R34 MH130969

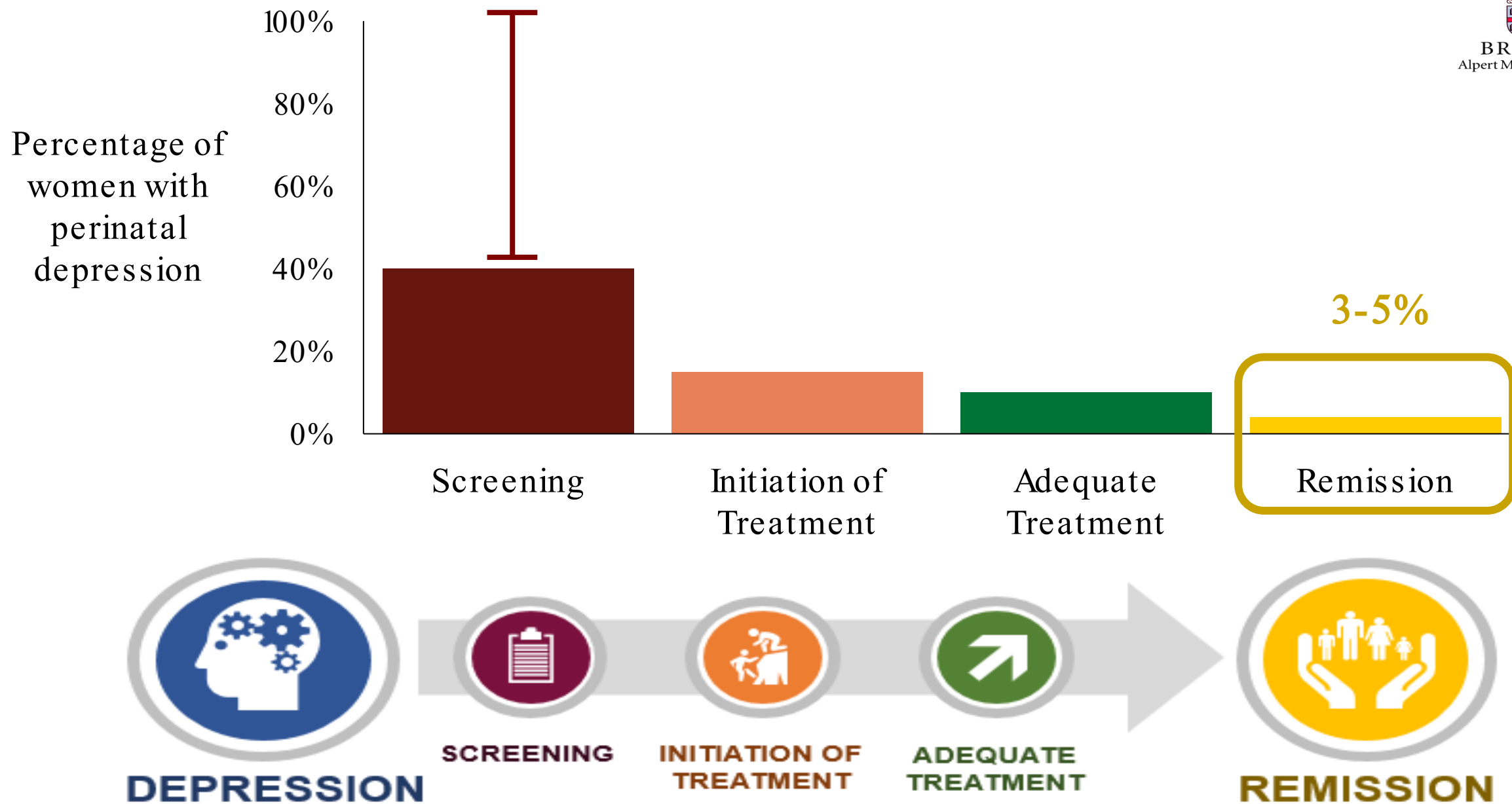
Maternal Mortality



■ Mental Health Conditions

The Diagnostic Journey





Screening: Cultural Suitability

EPDS

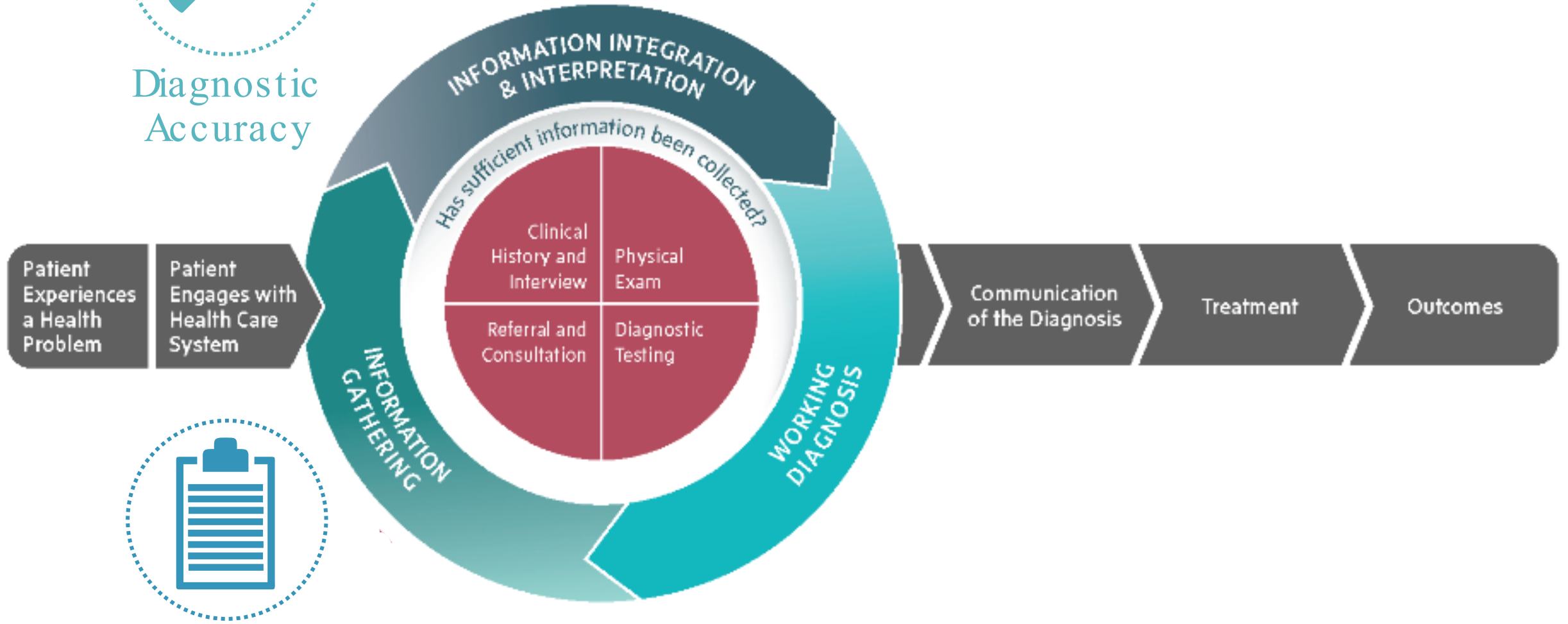
1. I have been able to laugh and see the funny side of things	6. Things have been getting on top of me
2. I have looked forward with enjoyment to things	7. I have been so unhappy that I have had difficulty sleeping
3. I have blamed myself unnecessarily when things went wrong	8. I have felt sad or miserable
4. I have been anxious or worried for no good reason	9. I have been so unhappy that I have been crying
5. I have felt scared or panicky for no very good reason	10. The thought of harming myself has occurred to me

Concerns:

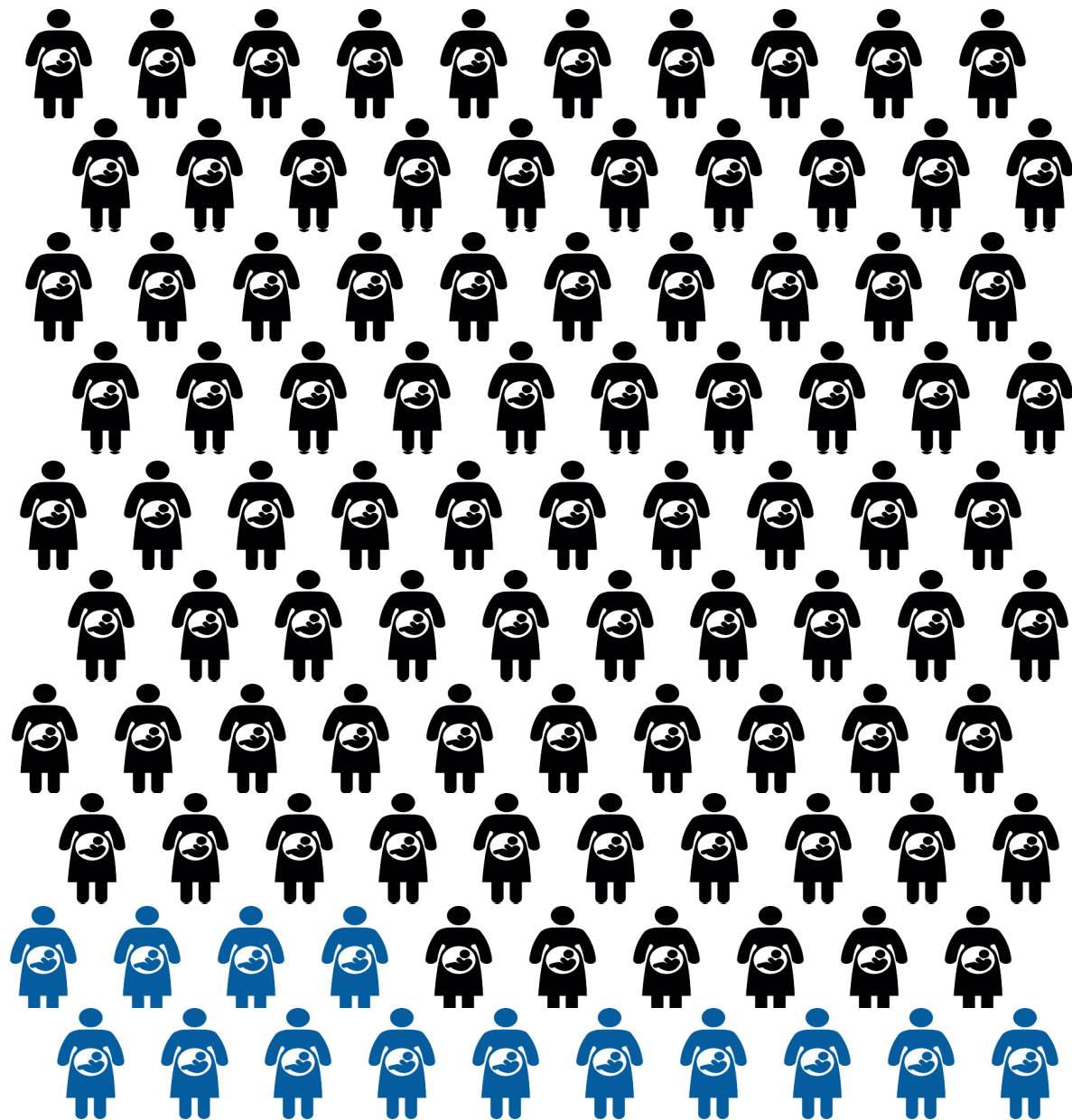
- Linguistic barriers
- Expression of symptoms
- Manifestation of mental health conditions



Diagnostic
Accuracy



Screening



$N=10,000$



DSM-IV disorders

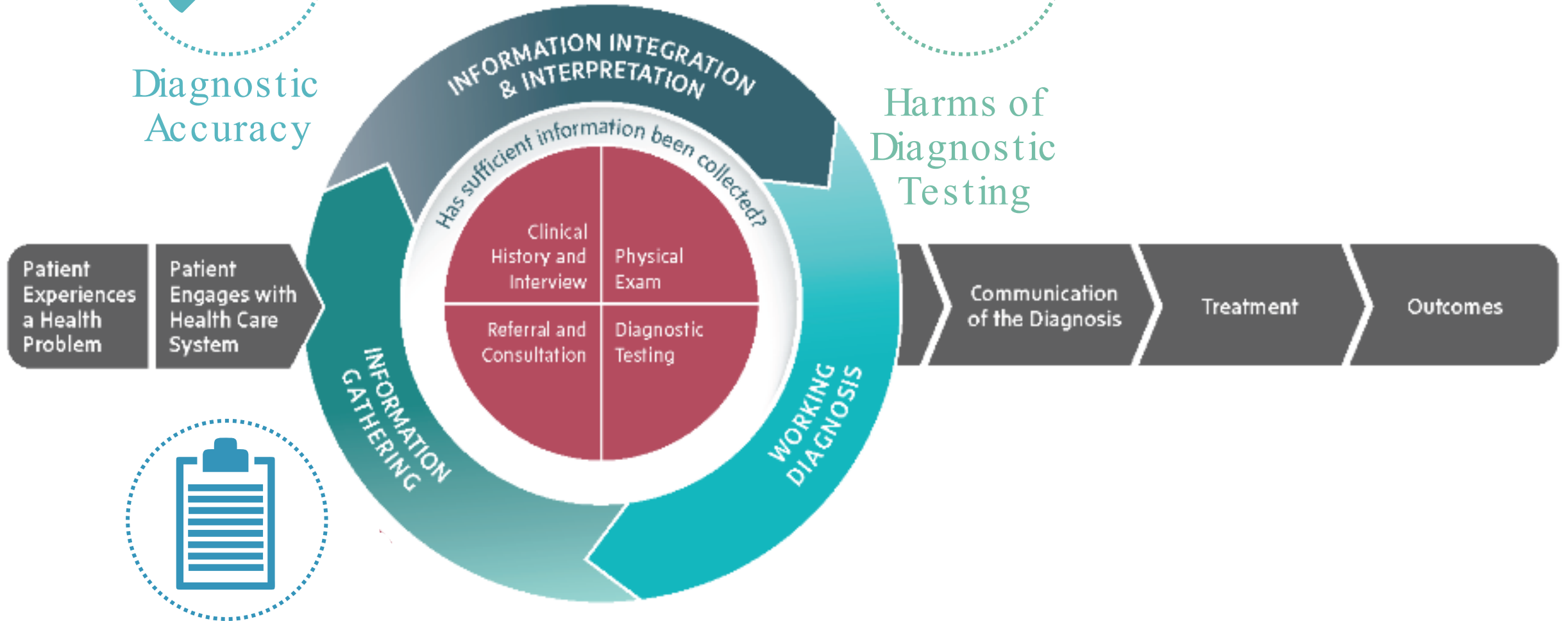
	Primary Diagnosis
Major depressive disorder	70%



Diagnostic Accuracy



Harms of Diagnostic Testing



Screening



Risks of emergency psychiatric care

Broad differential diagnosis

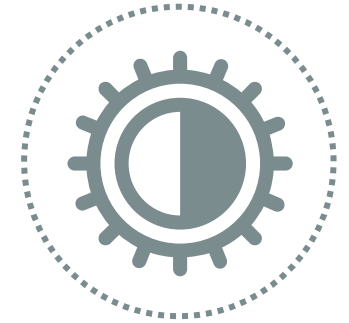
Education for perinatal clinicians



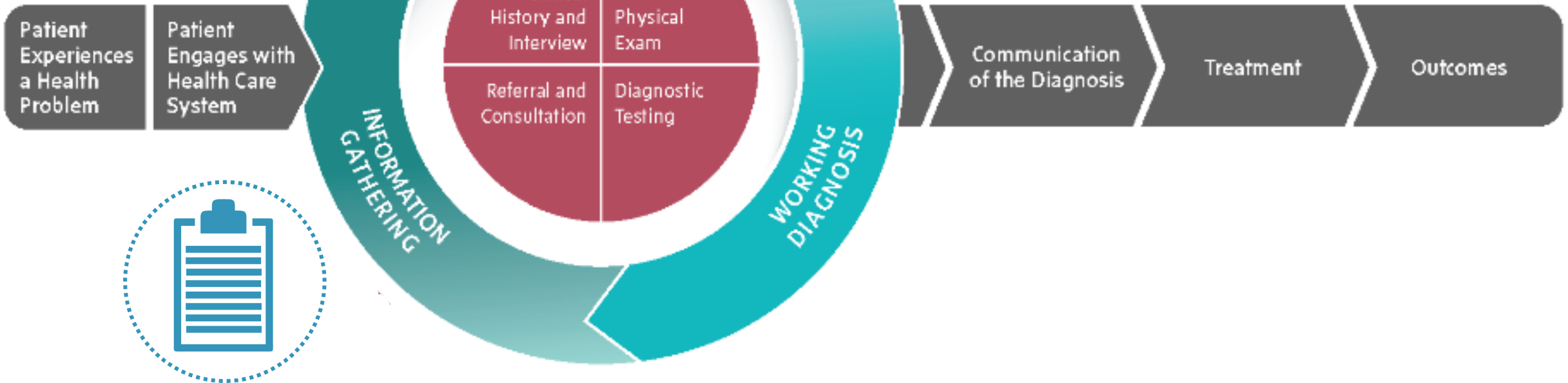
Diagnostic Accuracy



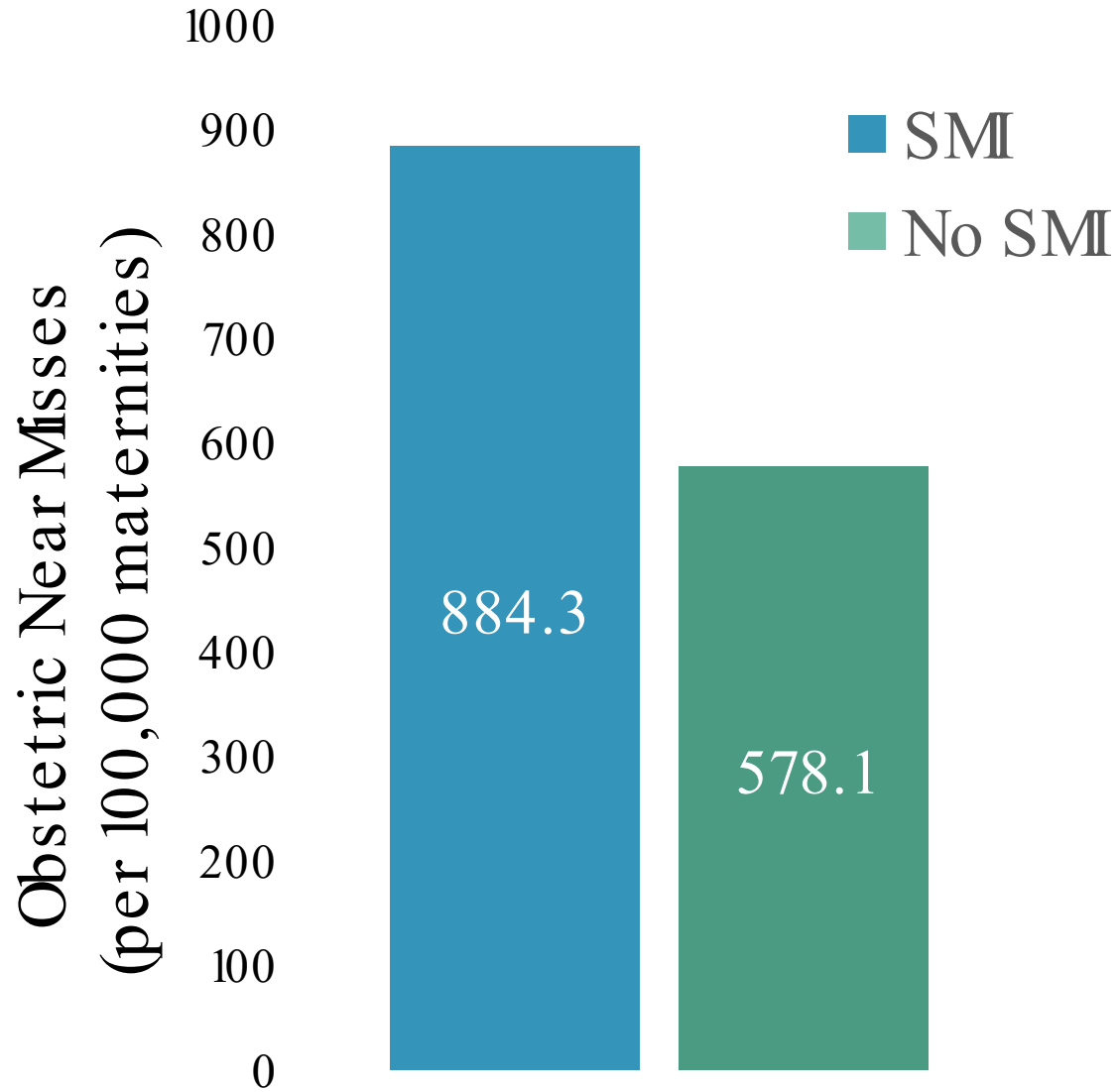
Harms of Diagnostic Testing



Overshadowing



Screening



SMI=serious mental illness

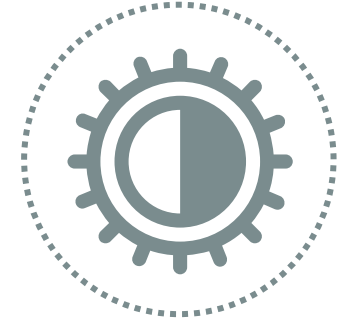
Event	OR (95% CI)
Sepsis	1.5 (1.0-2.4)
Acute renal failure	1.9 (1.1-3.5)
Cardiac arrest or infarction	2.2 (1.1-4.4)
Obstetric embolisms	2.5 (1.4-4.6)



Diagnostic Accuracy



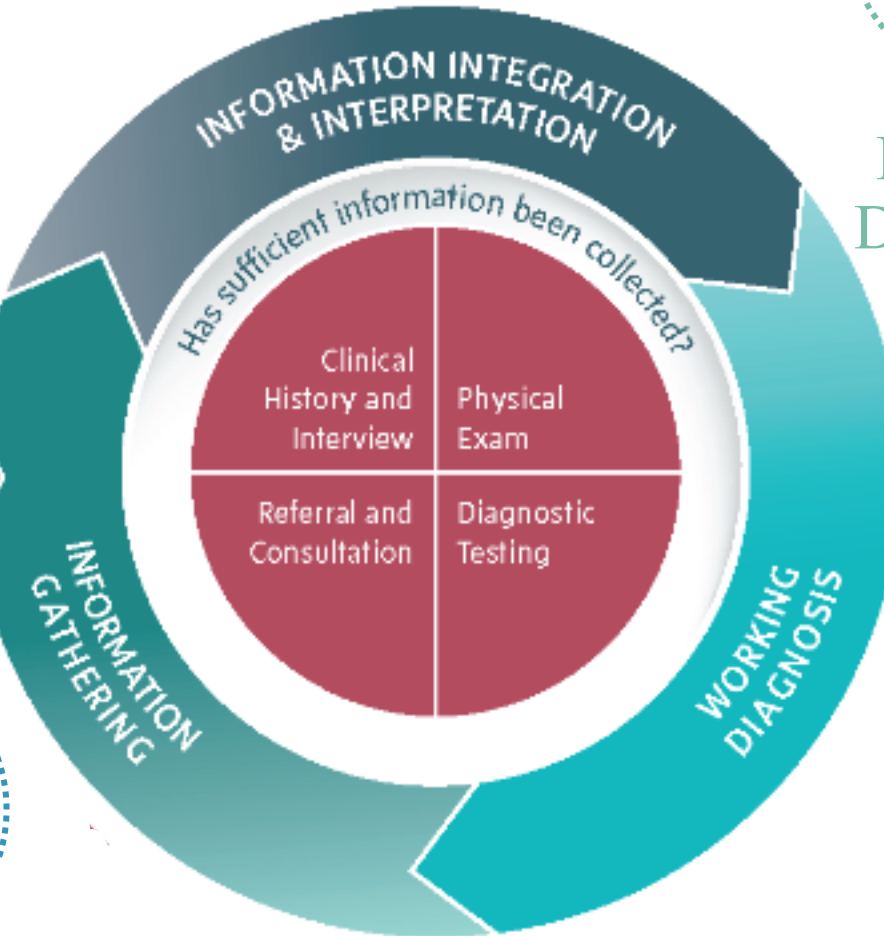
Harms of Diagnostic Testing



Overshadowing

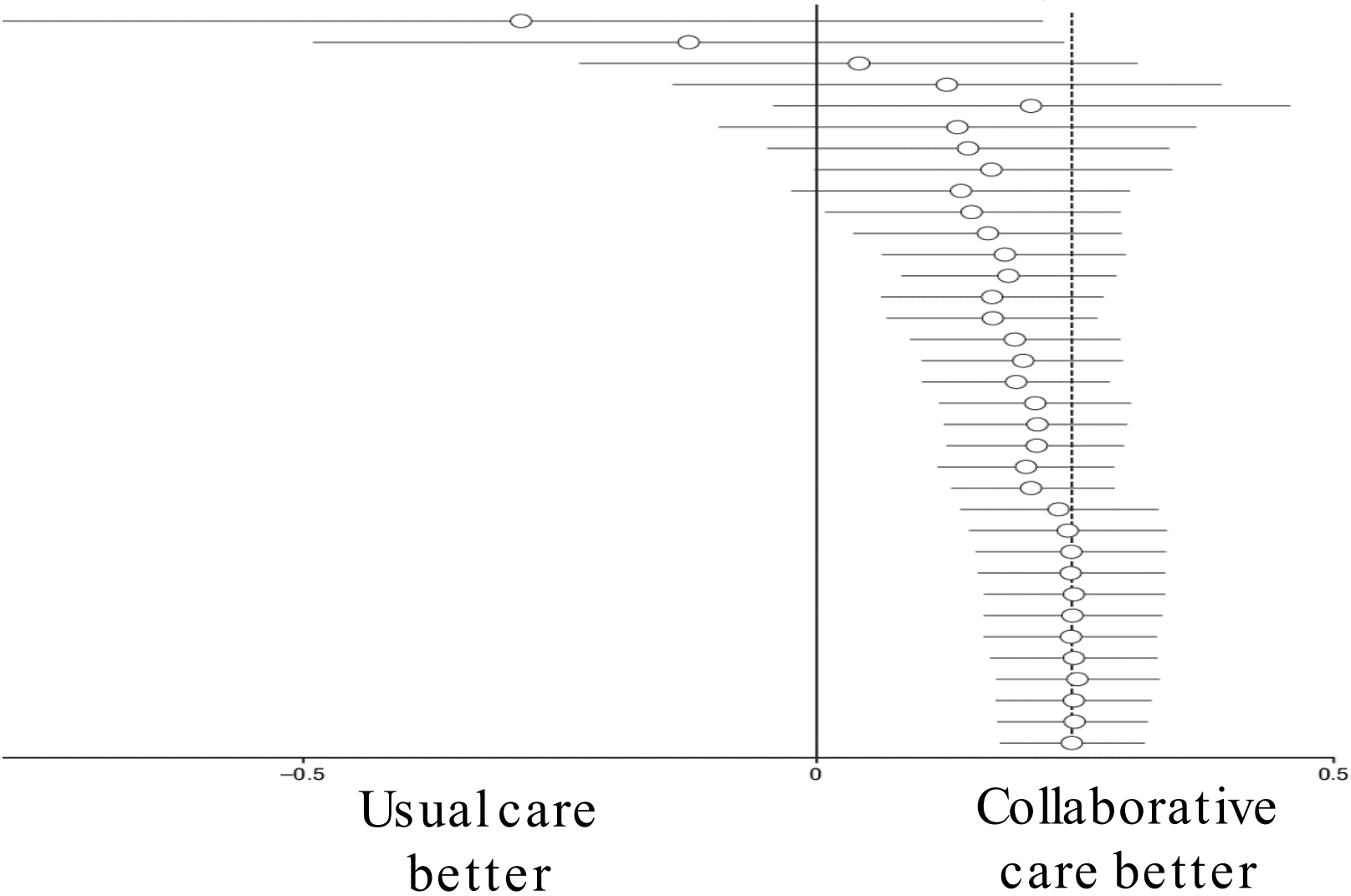


Screening

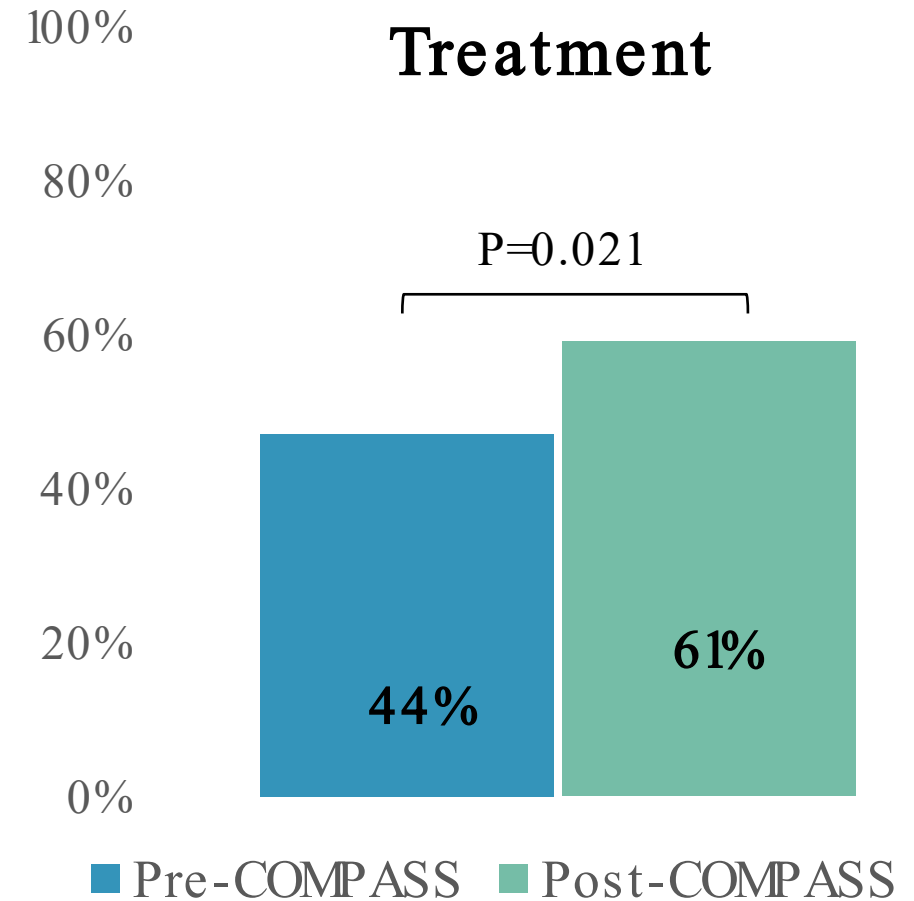
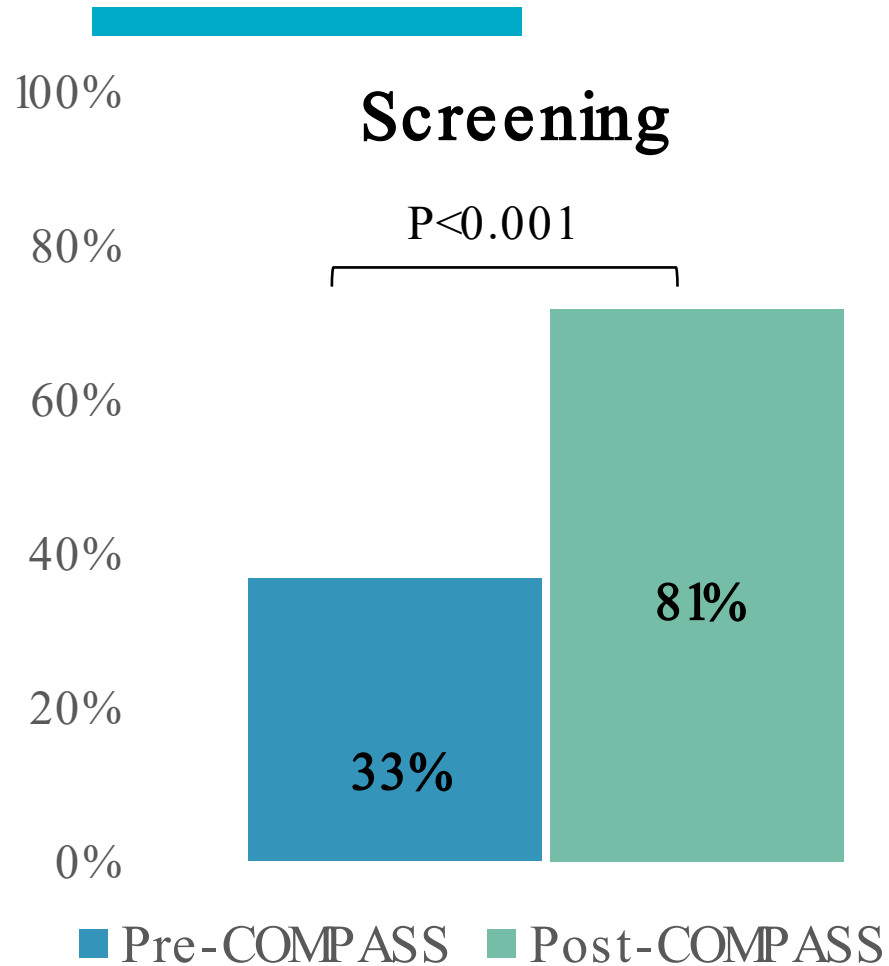


Gaps from Evidence to Practice

Collaborative Care Model Efficacy in Primary Care



Antenatal Care Cascade



REAL WORLD RELEVANCE



PHASE



Questions