

Functioning and Cognition

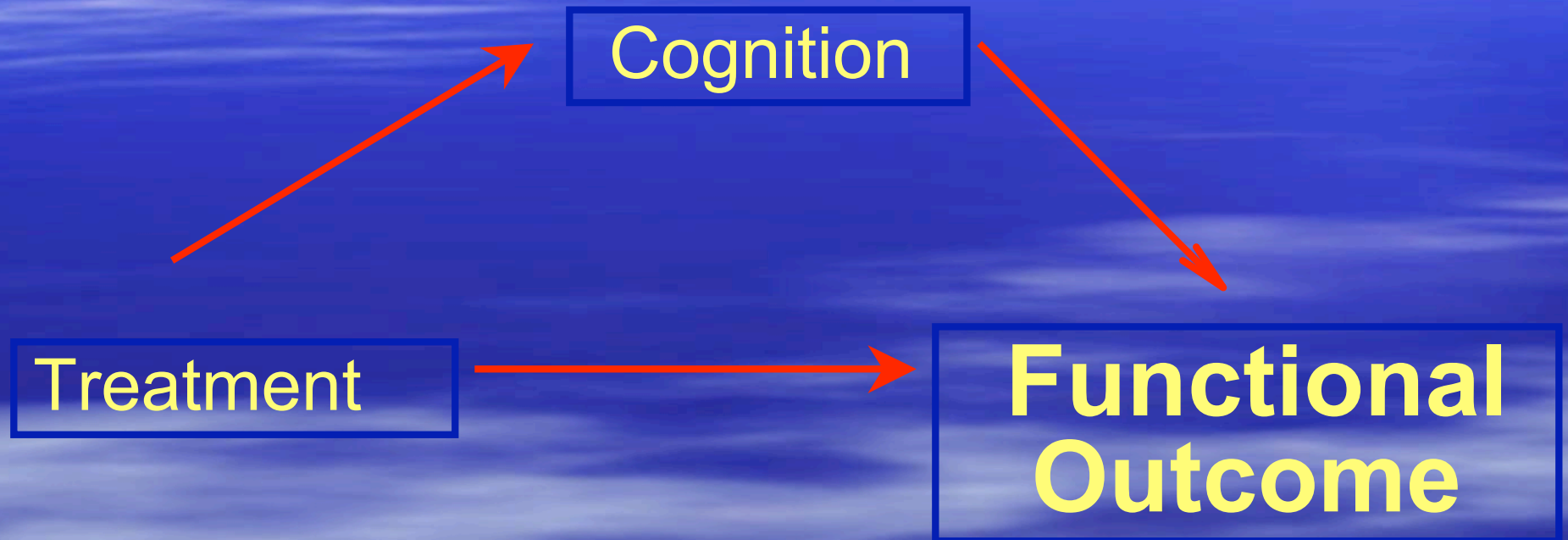
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Functioning and Cognition

- How will changes in cognition mediate the “effects” of a medication treatment?

Mediation Model



Mediation Model

Cognition



Functional
Outcome



What are we talking about?

instrumental functioning

social functioning

every day functional skills

functional status

functional capacity

functional outcome

social outcome (s)

skills competence,

skills performance

social competence

social performance

real world outcomes

How do we measure our outcome?

- Gold standard
- Limited
 - Self-report, clinician ratings, proxy, direct observation
- Different domains
- If different domains:
 - Each has different gold standard
 - Different duration (12-52+ weeks)

Moderators of functional outcome

- Impact of negative symptoms
- Other possible moderators?
- Is cognition a moderator?

Mediation Model



Understanding the relationship

- Competence vs performance
- Moderators of functional outcome
 - Fixed or malleable?
- Cognition changes
 - Who changes?
 - Under what conditions?
 - How long for change to occur?
 - Is it sustained?
- Types of analyses

Measures of functional outcome

- Define separate domains
- Each domain has a gold standard measure
- Limitations of other measures are clarified
- Measures can be defined as “population specific”
- Time to change
- Reliability

Intervention

- If cognition has an impact on functional outcome and we intervene such that we improve cognition what other treatments, if any, have to occur for the “improved cognition” to impact functional outcome.