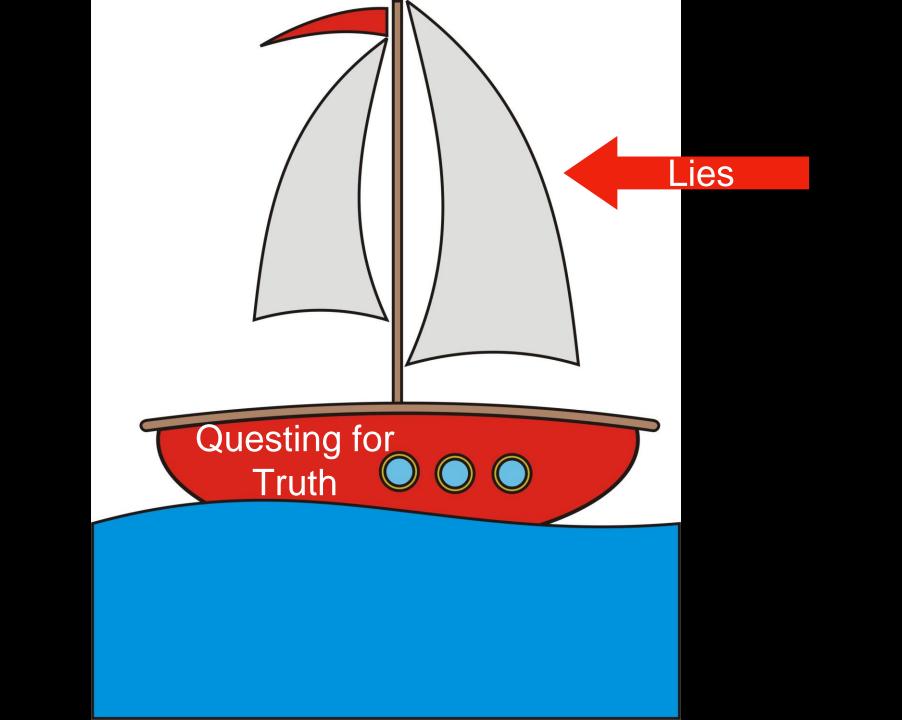
Cognitive Biases

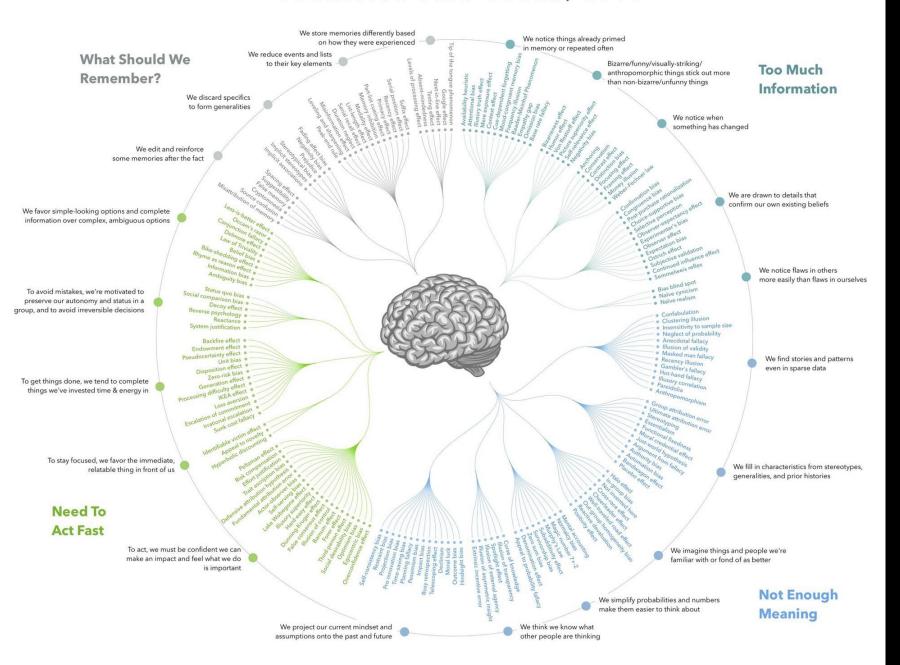
and Clinical Practice







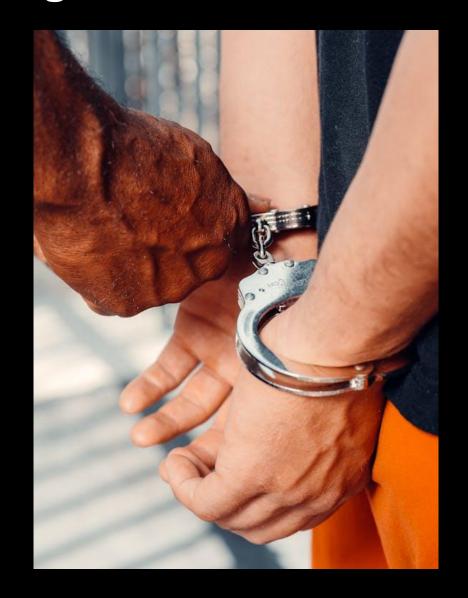
COGNITIVE BIAS CODEX, 2016



Police bring in a guy from the magistrates office

"This is the third in the last hour"

Anchoring



Febrile Pedi Patient, ESI 5

"She looks great"

Triage cuing vs Framing



Young woman with fever

"It's probably COVID"

Premature closure

VS

Information Bias



Waiting Room Patient

Workup Completed

Diagnosis momentum



Search Satisfaction

Visceral Bias

Ordering Effect



Search Satisfaction

Visceral Bias

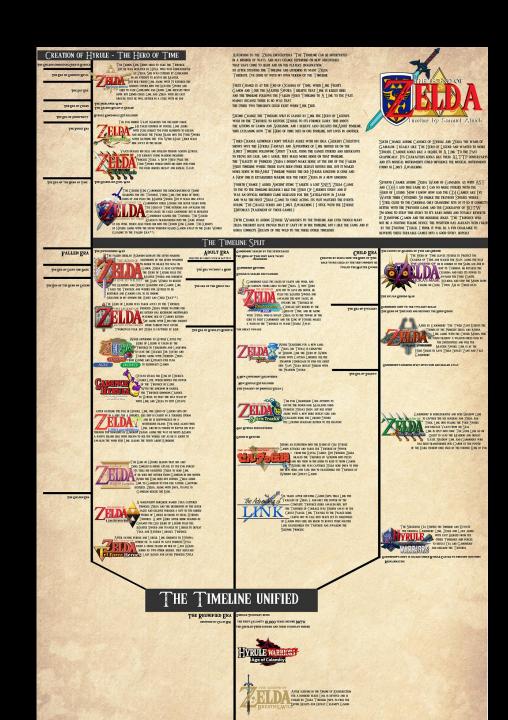
Ordering Effect



Search Satisfaction

Visceral Bias

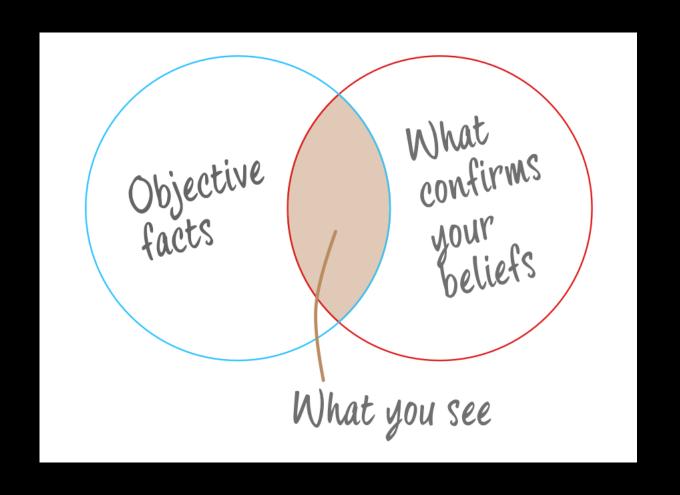
Ordering Effect



Confirmation Bias

Affective Error

Availability Bias



Confirmation Bias

Affective Error

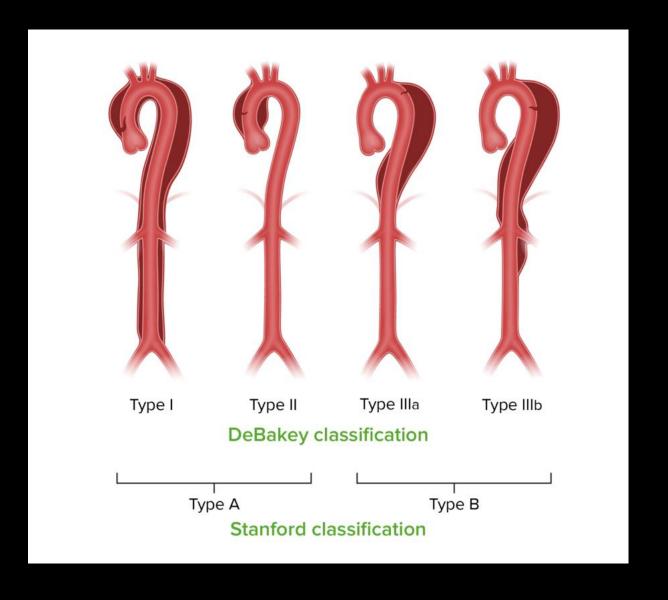
Availability Bias

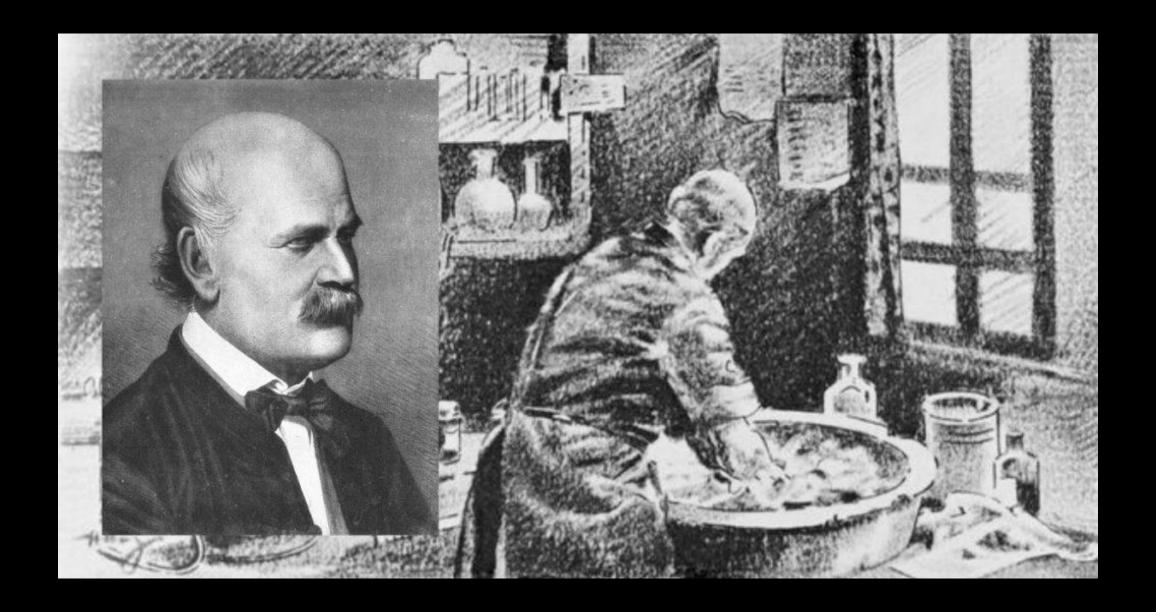


Confirmation Bias

Affective Error

Availability Bias





Themes of Cognitive Errors

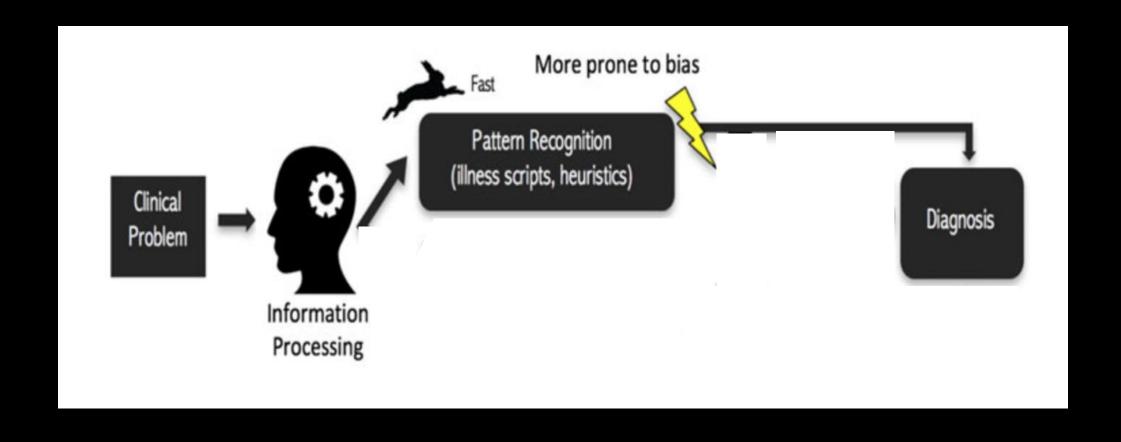
External Factors

Other's Feelings

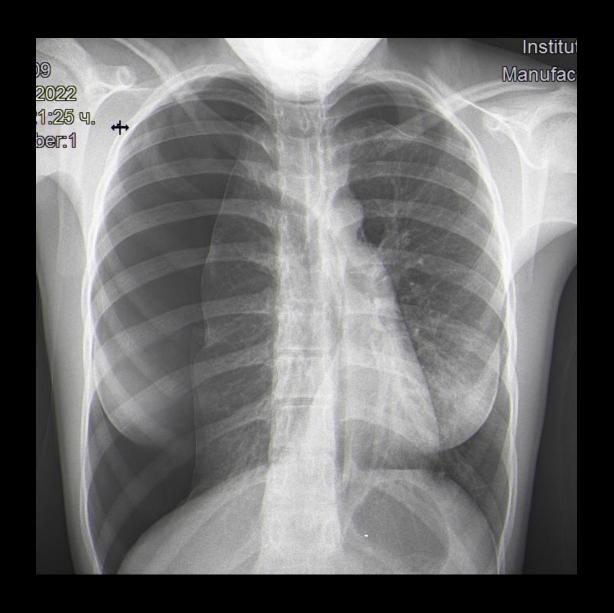
Patient Location

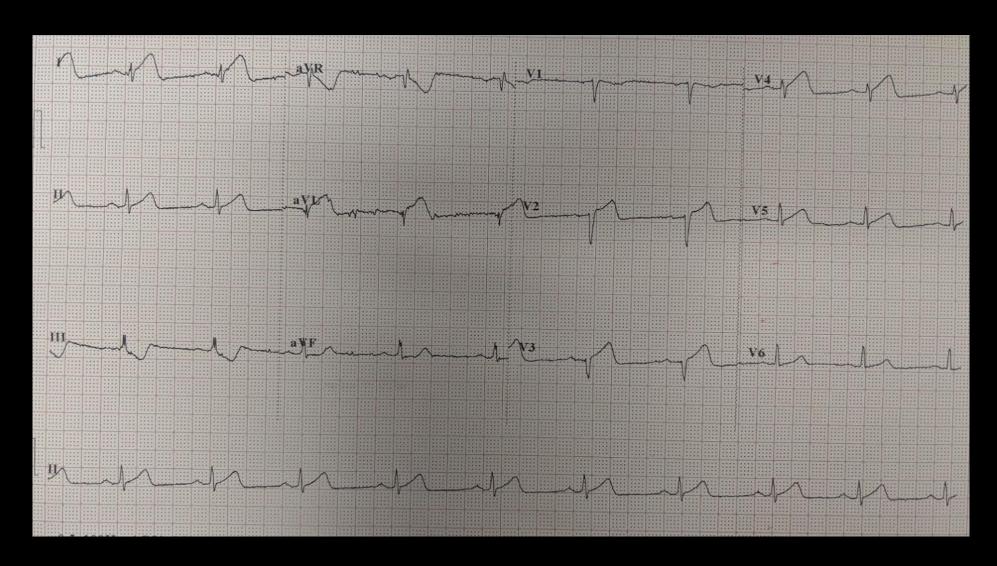


Heuristics vs Analytics











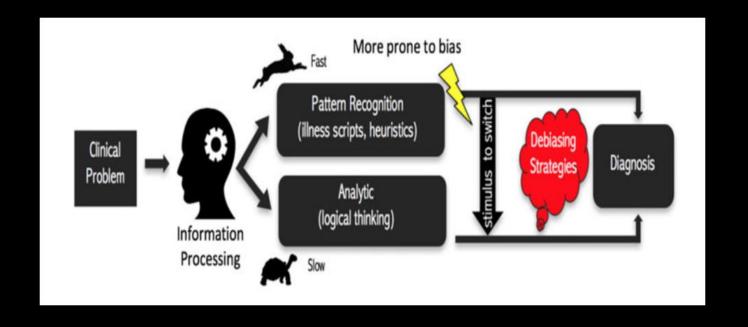
Pattern Recognition

- Type I Thinking
 - Unconscious
 - Prone to Error



Pattern Recognition

- Type I Thinking
 - Unconscious
 - Prone to Error
- Type II Thinking
 - Analytic
 - Slow
 - Safety-Net



Debiasing Strategies

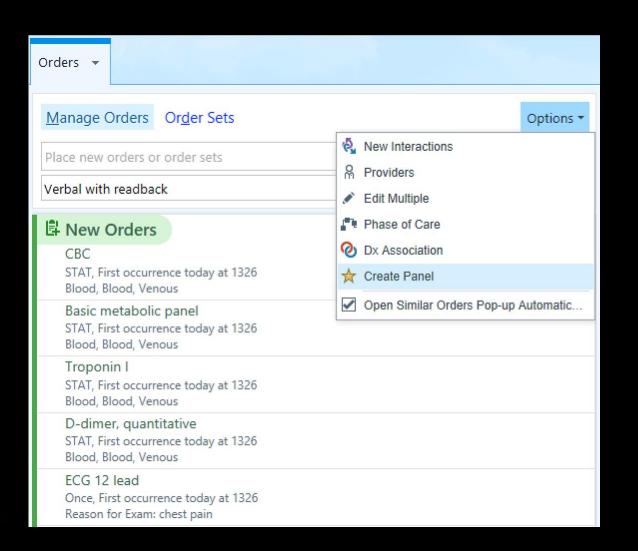
...Ideas?

Routinely Consider Alternatives

Ask WHY

Cognitive Stop Points





Systemic Issues

Controlling External Problems

- Fatigue
- Interruptions
- Minimizing Time Pressures
- Emotional Strain



Accountability & Feedback

Morbidity & Mortality





