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# How brain injury affects decision making

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Headway Training Manager



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# Brain injury facts

Almost 350,000  
admissions every  
year

One every 90  
seconds

Almost half due to  
head injury

Admissions are  
increasing

Increasing faster in  
females

60% of prison  
populations report  
head injuries



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# Hidden disability

Huge array of presentations

Self awareness

Denial



# Model of Awareness

(Crosson et al 1989)

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Maximal

Maximal

Full Acceptance

Anticipatory  
Awareness

Growing  
Acceptance

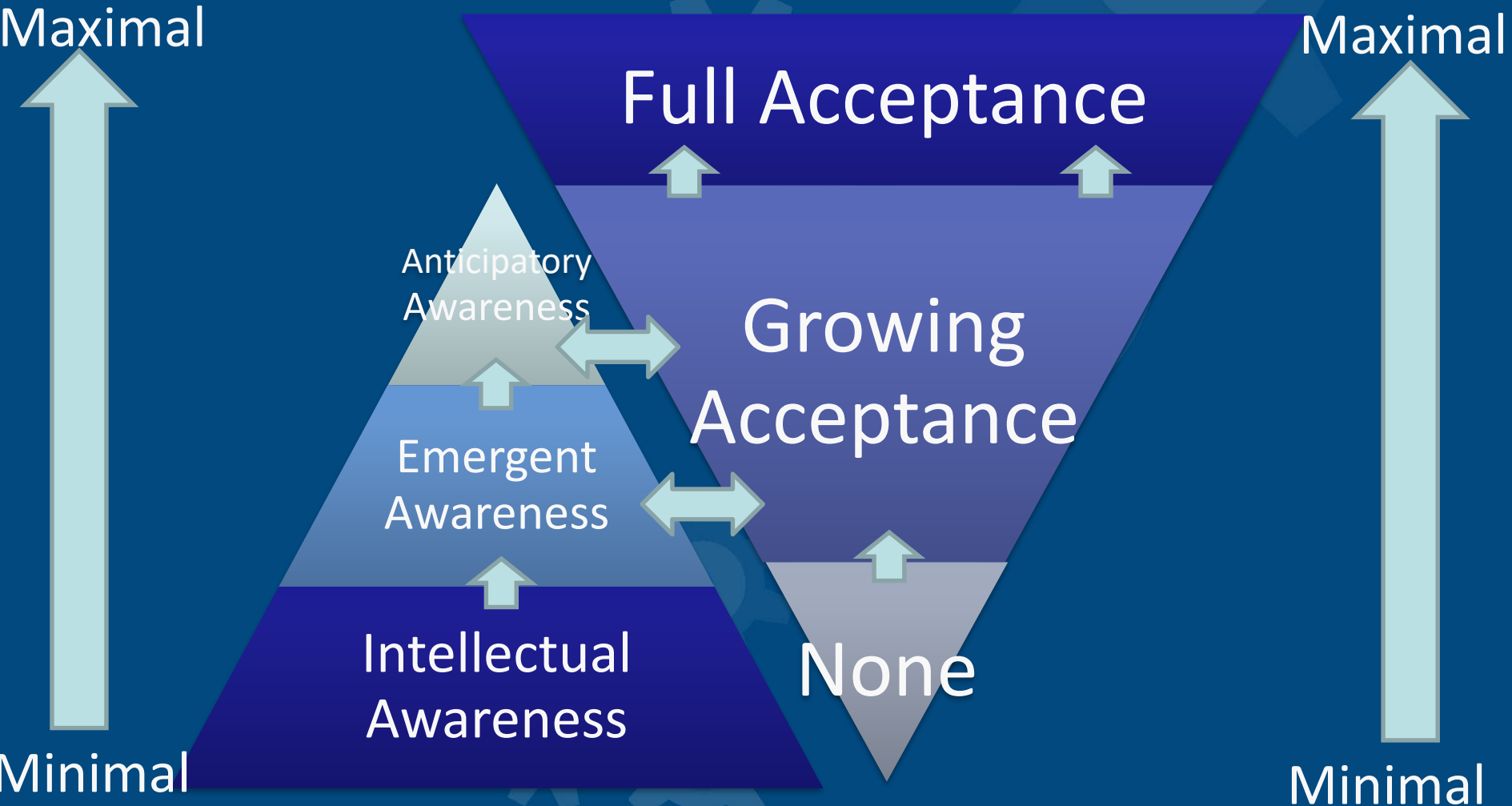
Emergent  
Awareness

Intellectual  
Awareness

None

Minimal

Minimal





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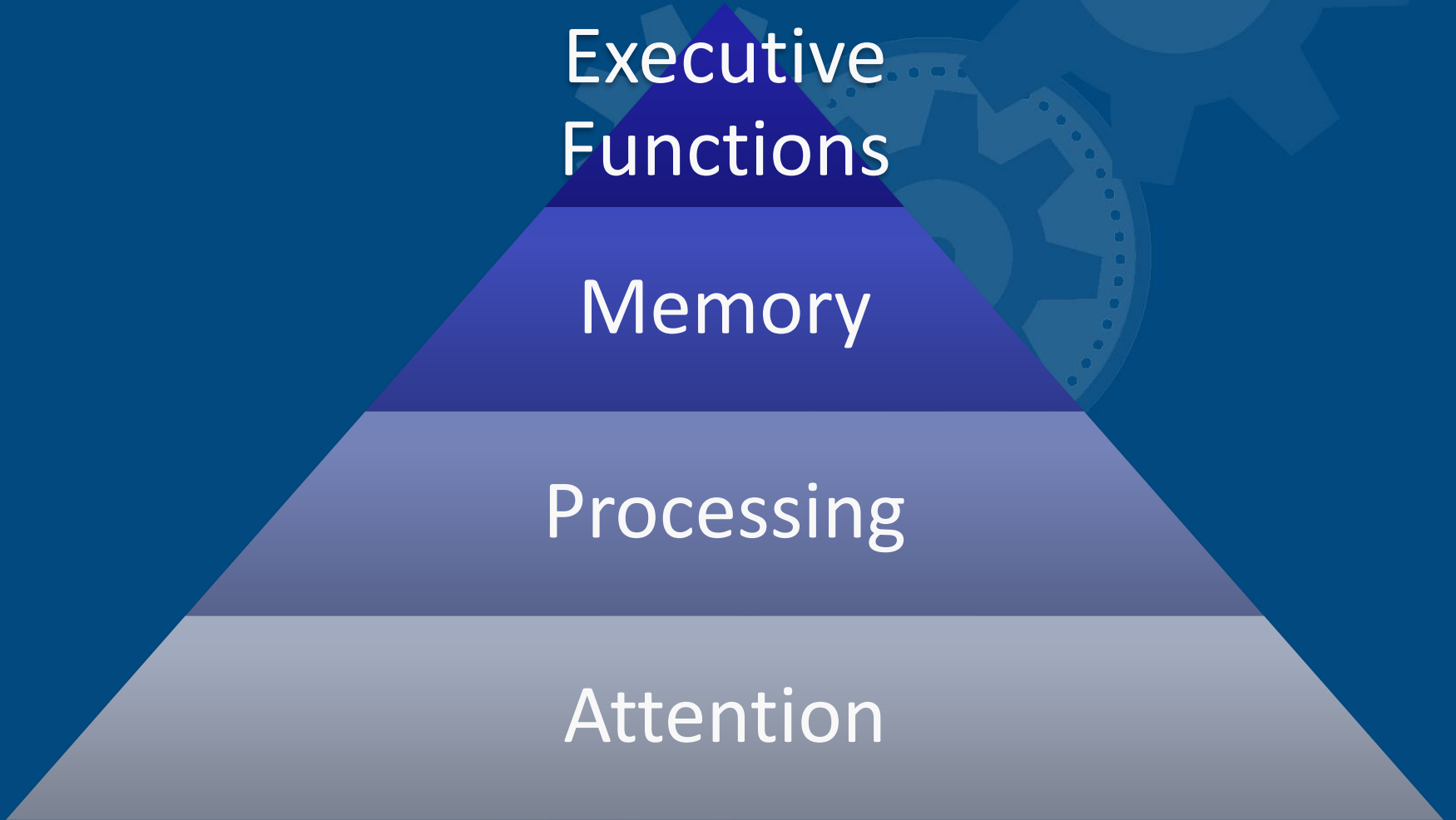
# Cognition

## Executive Functions

### Memory

### Processing

### Attention





# Speech and language difficulties

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Clarity of  
speech

Content of  
speech

Cognitive  
communication



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# Fatigue

Physical fatigue

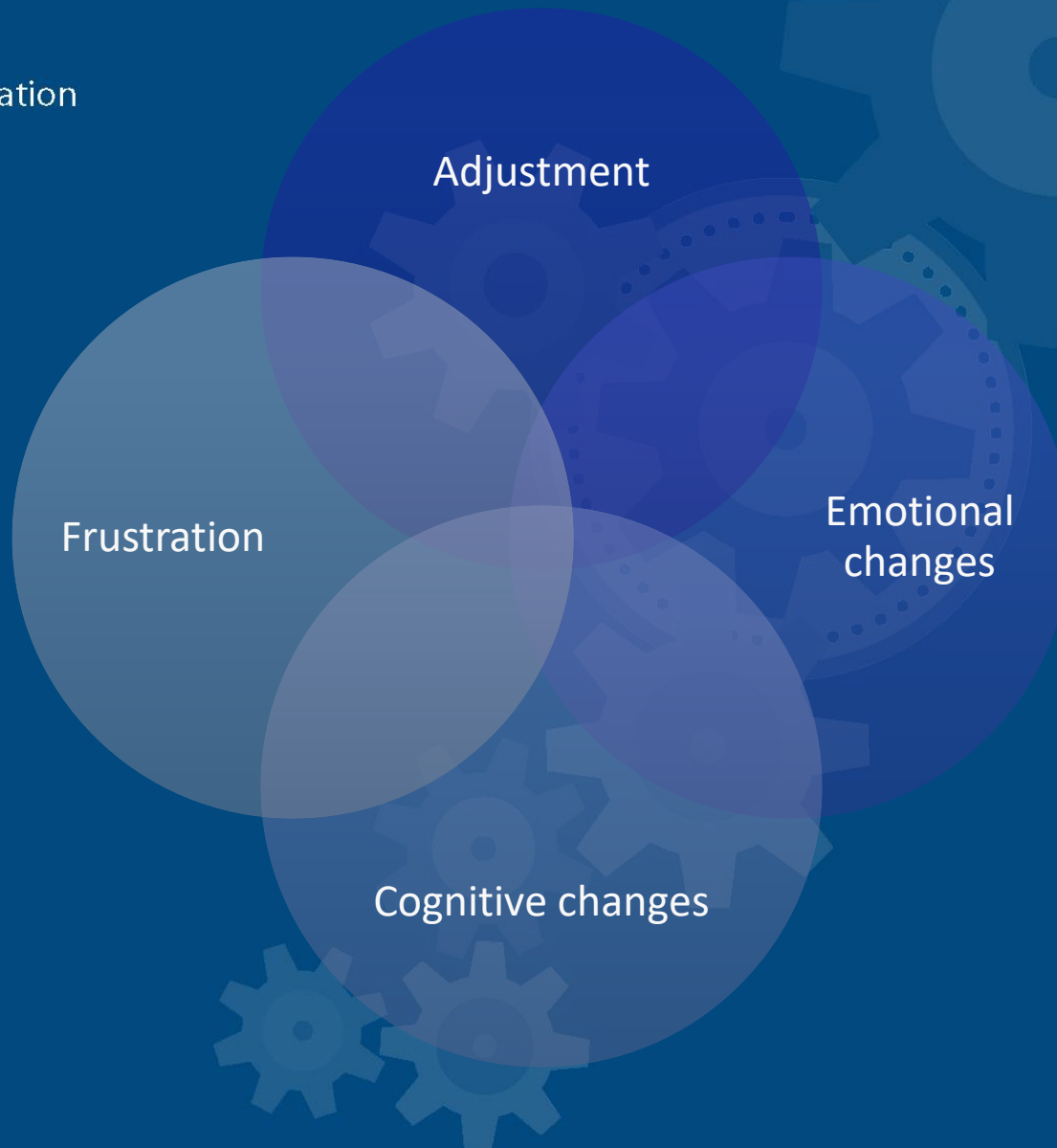
Psychological fatigue

Cognitive fatigue



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# Behaviour







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**Questions?**

