I. The Traumatized Brain: Neuropathophysiology, as related to intervention

II. Severity/Continuum of Recovery, as related to neuropathophysiology

III. Intervention Themes
   a. Usable Principles of Neuroplasticity, as related to TBI
   b. The Set-Up for Success
   c. Context Sensitive Treatment
   d. Restoration or Compensation

IV. Intervention through the lens of Executive Functions

V. Summary
The Traumatized Brain: Neuropathophysiology review, as related to intervention

*It all comes down to this:
Really? We refer to this as one disorder? Severity/Continuum of Recovery, as related to neuropathophysiology
**Just Four Things:** *The Important Intervention Themes*

**Thing Number One: Searching for a Synapse**  *Usable Principles of Neuroplasticity*

*Which principles apply to us?*
Just Four Things: The Important Intervention Themes

Thing Number Two: The Rehab Dilemma  A big problem

*So, what’s the solution?
Just Four Things: The Important Intervention Themes

Thing Number Three: Don’t take this Out of Context  Context-sensitive Intervention

*Great idea. How do we do it?
Just Four Things: The Important Intervention Themes

Thing Number Four: Really, what are we doing? Restoration or Compensation

*Ask this question:
We Can Use Them All: Applying the Themes to the Severity Level/Continuum of Recovery
We treat the **Highest Level of Human Cognition**: *Intervention through the lens of Executive Functions*
Summary: We’re in the Business of Changing Brains
Your Patient/Client:

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<thead>
<tr>
<th>Early/Severe/Acute</th>
<th>Middle/Moderate/Sub-Acute</th>
<th>Late/Mild/Chronic</th>
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<tbody>
<tr>
<td>Application of a Principle of Neuroplasticity</td>
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<td>Application of a Set-up for Success</td>
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<td>Application of Context-Sensitive Treatment</td>
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<th>Application that addresses Restoration vs. Compensation</th>
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Checklist:

Does the activity address the Principles of Neuroplasticity, when applicable?

Use it or Lose It____  Use It and Improve It____  Specificity_____
Repetition Matters____  Intensity Matters____  Time Matters_____
Salience Matters____  Age Matters____  Transference_____
Interference_____

Does the activity address a Set-Up for Success? _____

Do-ability____  Account for Internal State____  Well-rehearsed routine/script____
Desensitized to anxiety____  Ensure ongoing orientation____  Facilitative environment_____

Is the activity Context-Sensitive? ______

Materials____  Environment____  Goals ______

Does the activity promote Restoration or Compensation?________________________

Is it time to reconsider?____

Working toward Executive Functions?

Initiation/Drive_____  Response Inhibition_____  Task Persistence_____
Organization____  Generative Thinking_____  Awareness_____