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Reducing the Risk of Falls & Injuries in the Late Stages of Cognitive Impairment

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OBJECTIVES

1. Describe at least one situation where a resident with Late Stage cognitive changes may be at risk for fall/injury.
2. Describe at least one task modification that can be applied when caring for residents with Late Stage cognitive changes to maximize abilities and minimize falls/injuries.
3. Describe at least one environmental adaptation that can be utilized when caring for residents with Late Stage cognitive changes to maximize abilities and minimize falls/injuries.
4. Describe at least one change to caregiver approach that is recommended when caring for residents with Late Stage cognitive changes to maximize abilities and minimize falls/injuries.

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 **Global Processing/
Functional Cognition**


- Cognitive Disabilities Model
 - CATG
 - ACLS/LACLS
 - ADM Placemat
 - RTI-E
 - EFPT
 - Others....


**Global Cognition/
Medical Model**

- SLUMS
- MoCA
- MMSE
- BIMS
- GDS/BCRS
- AxO (3-4)
- CDRS
- CLQT
- RIPA-G
- ABCD

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 **Cognitive Disabilities
Model**



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Helps Us Know...



- Remaining Abilities (BATF)
- Can Do – Will Do – May Do
- Just Right Challenge

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Too Low


- Loss of Available Skills
- Increased Stress, Boredom
- Decreased Interest
- Decreased Participation

Too High

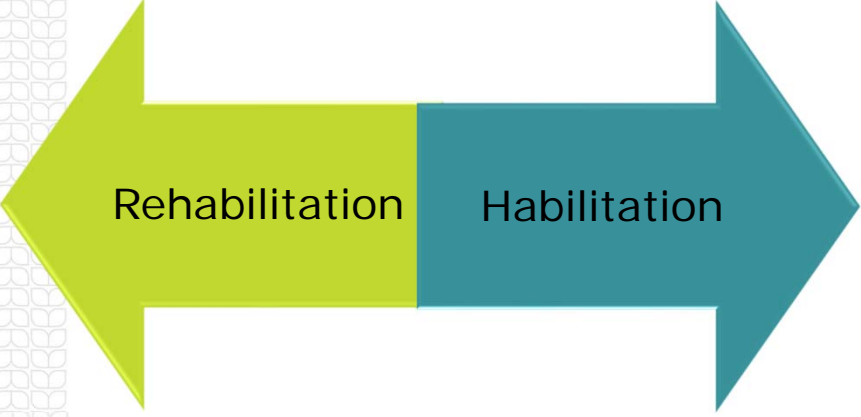
- Safety Errors
- Increased Stress, Frustration
- Fight or Flight Response
- Inability to Perform Task

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When Its Best To...



Rehabilitation Habilitation

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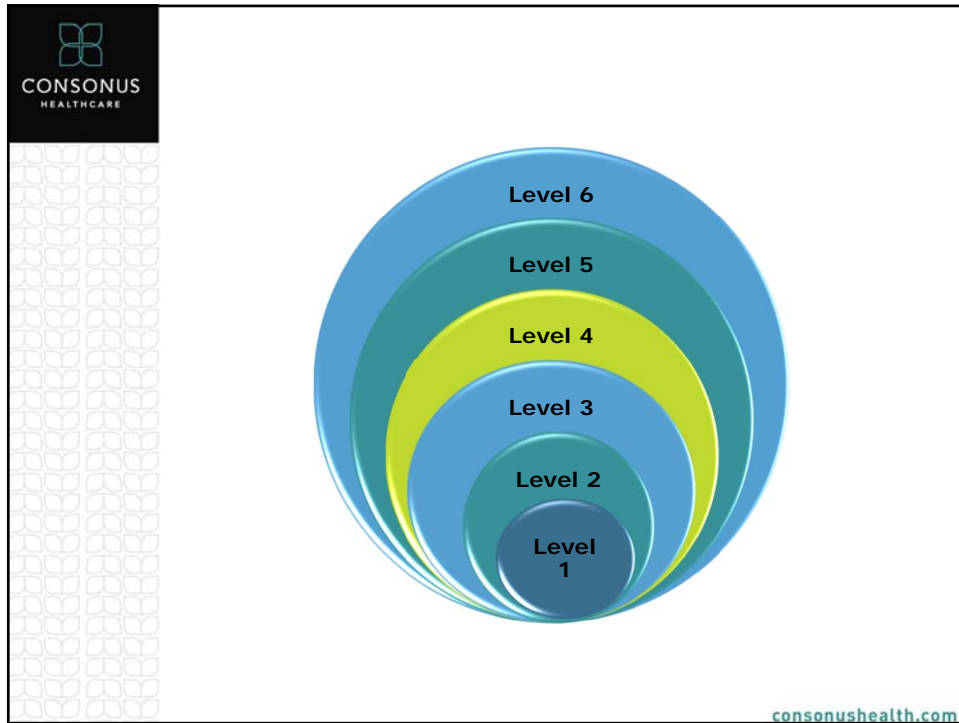


And When We Should...

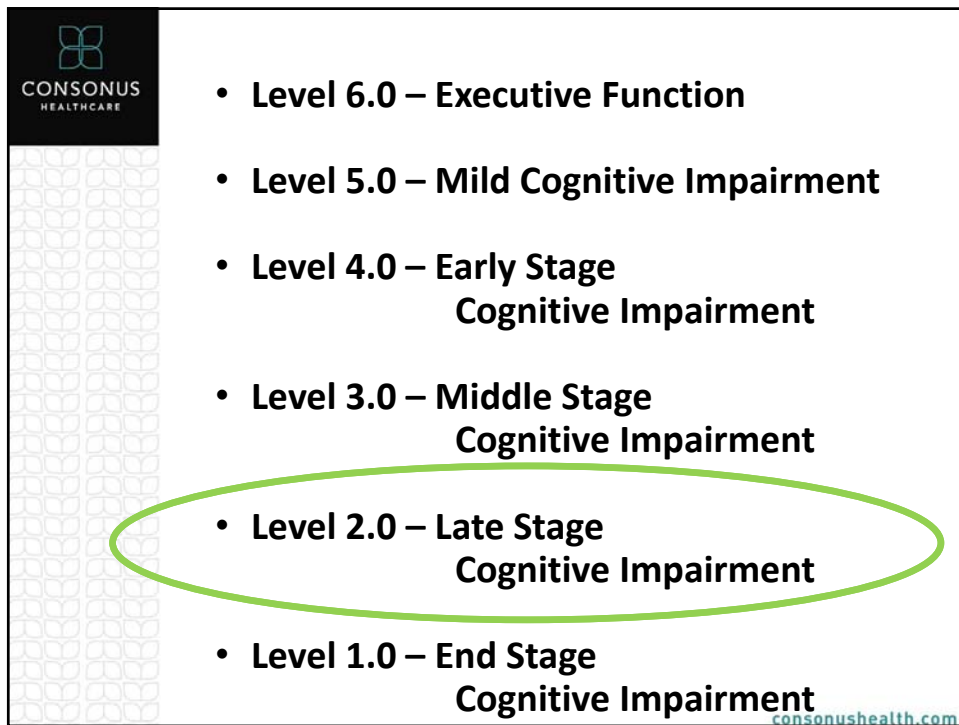
- Change the Task
- Change the Environment
- Change the Approach

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- Level 6.0 – Planned Actions
- Level 5.0 – Independent Actions
- Level 4.0 – Goal Directed Activity
- Level 3.0 – Manual Actions
- Level 2.0 – Postural Actions
- Level 1.0 – Automatic Activities

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Late Stage Cognitive Changes

(CL: 2, GDS: 6 - 7)



What Abilities Remain?

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Postural Actions

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Postural Actions

ONE STEP AT A TIME




☀ Daily Routine ☀

Wake Up	Morning	Afternoon	Night
<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here
<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here
<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here
<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here	<input type="checkbox"/> Enter Task Here

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Cognitive Assist

50-75%
(Constant to Maximal)

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Cognitive Level	Visual Attendance
<p>ACL 2.0 – 2.8 (and/or GDS 6 or 7)</p> <p><i>NDT Timeline:</i> 12 to 18 months</p>	<p>Able to Locate Items within 12 - 14 in</p>

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Cognitive Level	Communication Abilities	Processing Times
<p>ACL 2.0 – 2.8 (and/or GDS 6 or 7)</p> <p><i>NDT Timeline:</i> 12 to 18 months</p>	<p>2.6 & 2.8 = Short Phrases</p> <p>2.0 – 2.4 = Yes/No and 1-2 Word Abilities (Use "Noun" & "Verb")</p>	<ul style="list-style-type: none"> • 15 – 30 second delay • May take up to 2-3x longer to respond, act, & complete task • Responds well to counting, rhythm, music, and/or singing

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Where Are the Greatest Risks?



fear

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How Can We Best Help & Support?


How Can We Best Adapt Our Care?

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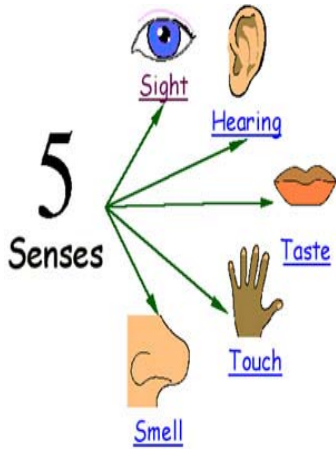
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Task Modifications



KEEP CALM
AND
TAKE ONE STEP
AT A TIME





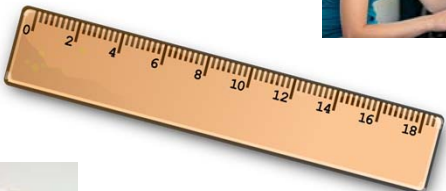

5 Senses

- Sight
- Hearing
- Taste
- Touch
- Smell

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 **Environmental Adaptations**



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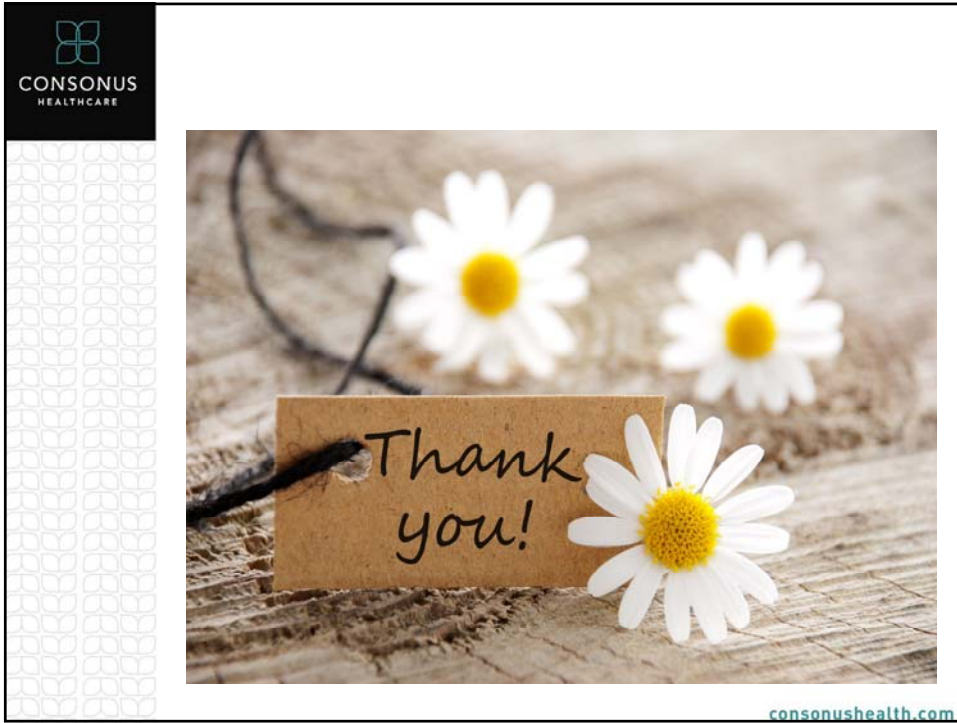
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 **Caregiver Approaches**



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