



# What To Expect For My Rehab Experience The Evaluation: Interview with you and your caregivers Review of your medical history Review of your current home Secting add text Physical, cognitive, psychosocial screen and/or assessment Analysis of performance Use of relevant outcome measures to track performance and change over time Development of goals and frequency of plan of care









## When Would I Benefit From Rehab?

# Physical Therapy

- Never had PT before or newly diagnosed
- Balance and stability changes
  - Falls
- Almost falls
- · Furniture surfing or wall walking
- Bumping into things
- Fear of falling has created avoidance of activities
- Difficulty doing two things at once
- · Shuffling or freezing of gait

# When Would I Benefit From Rehab? Occupational Therapy Never had OT before or newly diagnosed Difficulty managing typical routines/roles Difficulty taking care of yourself Avoiding daily or meaningful activities due to: Hand/arm function Cognitive changes Fear of falling Bowel/bladder incontinence Fatigue Stress/anxiety/depression Sleep disturbance

# When Would I Benefit From Rehab?

# Speech-Language Pathology

- Never had SLP before or newly diagnosed
- Swallowing difficulty:
- Difficulty getting swallow started
- Sensation of food sticking in throat after swallow
- Choking and/or coughing when drinking/eating
- Pill swallowing difficulty
- Voice changes: difficulty projecting, hoarse voice, breathy voice
- Slurred speech or changes in speech
- Needs alternative communication device

# When Would I Benefit From Rehab?

# Speech-Language Pathology (continued)

- Difficulty with:
- Word finding
- Comprehension or following directions
- Retelling a story or organizing thoughts to form sentences
- Memory, attention, concentration
- Planning, being organized, and problem solving

# The Literature

# Evidence For Rehab Suggests:

- ► Physical Therapy
  - ▶ The research suggests that ongoing, vigorous exercise and physical fitness should be highly encouraged for all individuals with neurodegenerative diseases.
  - Aside from brain neuroprotective effects, physical exercise may attenuate
    cognitive decline via mitigation of cerebrovascular risk, including the contribution
    of small vessel disease to dementia.
  - The literature suggests that physical therapy can be effective in improving the strength, balance, walking, and mobility of individuals with Parkinson's Disease

# **Evidence For Rehab Suggests:**

- Occupational Therapy
  - Evidence supports promotion of social & physical activity, health behavior change techniques, and task-specific training for problematic activities of daily living in individuals with Parkinson's Disease.
  - Caregiver education and training is supported for all neurodegenerative disorders.
  - Evidence supports the assessment of the unique, whole person including functional cognition, caregiver assistance, and environmental contexts to modify and adapt activities, thereby reducing neuropsychiatric behaviors and increasing engagement in meaningful activity.



# **Current Research**

### Our Facility:

- ▶ LARGE-PD Genetic Study for those of Hispanic/Latin American Descent who have been diagnosed with Parkinson's Disease
- ▶ WizeCare Telerehab for those with Parkinson's Disease
- ▶ Functional Brain Imaging during Freezing of Gait (fNIRS)
- ▶ MORE TO COME!



ALL DISCIPLINES WORK TOGETHER TO HELP YOU ACHIEVE YOUR GOALS!

# I Am Interested, Now What?

- ▶ Ask your doctor for a referral to physical therapy, occupational therapy, and/or speech-language pathology if you feel it may be right for you
- ► Create achievable & relevant goals
- ▶ Get moving!
  - ► Aerobic Exercise/Activity
    - ► Physical & Neuroprotective Effects

      - Moderate to vigorous intensity

        ► https://www.mayoc.linic.org/healthy-lifestyle/fitness/indepth/exercise-intensity/art-20046887

        ► Start slow and grow!



# Other Resources Virtual Classes • \* \*tops for Parkinson's disease • \* Contact. Ruin Alimen for more information: <u>simmer/bircl are</u> • \* Contact. Ruin Alimen for more information: <u>simmer/bircl are</u> • \* \* \*Contact. Ruin Alimen for more information: <u>simmer/bircl are</u> • \* \* \*Sent video description: https://doi.www.google.com/file/dis/hy/sight/file/s/hy/sight/f

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