Timed Walking and Hand Grip Assessments
Form 43 – FRAILTY

Section A: Measured Walk

A1. Does the participant use an assistive device for walking?
   - No Go to A2
   - Yes ADEVPB_47

   a. What type of device?
      - Standard cane ............... TYPDPB_47
      - Quad cane .................... TYPDPB_47
      - Walker ........................ TYPDPB_47
      - Wheelchair .................... TYPDPB_47
      - White cane .................... TYPDPB_47
      - Crutches (1 or 2) ............. TYPDPB_47
      - Other .......................... TYPDPB_47

   Specify: SPDVPB_47

A2. Is the participant wearing a lower extremity orthosis (plastic or metal leg brace at or above the ankle)?
   - No ORTHPB_47
   - Yes ORTHPB_47

A3. Is the participant missing any limbs?
   - No Go to A5
   - Yes LIMBPB_47

   Which limb(s)?
   - No Yes
   - Left LARMIPB_47
   - Right RARMIPB_47
   - Left leg LLEGPB_47
   - Right leg RLEGPB_47

   Specify: SRWKPB_47

A4. Is the participant wearing a prosthesis (artificial limb)?
   - No Go to A5
   - Yes PROSPB_47

   Which limb(s)?
   - No Yes
   - Left arm PLaRBP_47
   - Right arm PLLGPB_47
   - Left leg PRLGPB_47
   - Right leg PRLGPB_47

A5. Does the participant have paralysis of an extremity or side of the body?
   - No Go to A6
   - Yes PARAPB_47

   Which side of the body?
   - No Yes
   - Left PLEFPB_47
   - Right PRGTPB_47

A6. Was the measured walk test attempted?
   - No Go to Section B
   - Yes Go to PROMPT

   a. If NO, was it due to:
      - Physical impairment ............ ATWKN_47
      - Cognitive impairment ..........
      - Other reason .................

      Specify: SRWKPB_47

Please continue.
MEASURED WALK ATTEMPT #1:

PROMPT: Read to Participant:
In this test, I would like you to walk at your usual pace starting at this line and continue walking past the line at the end of the hall until I tell you to stop. Do you think you could do that? Good. Can you see the tape? Good. Let me demonstrate what I want you to do. (DEMONSTRATE.) To do this test, place your feet with your toes behind, but touching, the start line where we start. I will time you. When I say “Ready, go!” walk at your usual pace and continue walking past the line at the end of the hall until I tell you to stop.

WHEN THE PARTICIPANT IS PROPERLY AT THE LINE, SAY “Ready, go!” AND BEGIN TIMING.

A7. Did the participant complete the measured walk?
No .......................................
Yes ......................................
Attempted, but unable physically ..........................

A8. Time in seconds to walk course:

Section B: Grip Strength
PROMPT: Read to Participant:
In this exercise, I am going to use this instrument to measure the strength in your dominant hand.

B1. Have you had any recent pain in your wrist or any acute flare-up of your hand or wrist from conditions like arthritis, tendonitis, or carpal tunnel syndrome?

Go to B2

a. Left wrist?
No
Yes

b. Right wrist?
No
Yes

Go to Section B

A9. Did the participant complete the measured walk?

Go to Section B

A10. Time in seconds to walk course:

Refused

SBREF_47

Go to Section B

PROMPT: Read to Participant:
Now, I’d like you to try this test a second time. When I say “Ready, go!” walk at your usual pace and continue walking past the line at the end of the hall until I tell you to stop.

WHEN THE PARTICIPANT IS PROPERLY AT THE LINE, SAY “Ready, go!” AND BEGIN TIMING.

A9. Did the participant complete the measured walk?

Go to A9.a

b. If YES, did the participant use an assistive device on walk?

No
Yes

A10. Time in seconds to walk course:

Go to B2

a. Left wrist?
No
Yes

b. Right wrist?
No
Yes

Go to Section B
B2. Have you had any surgery on your hands or arms during the last 13 weeks?

- No  Go to B3
- Yes  SURGPB_47

  a. Left arm?
     - No  Go to B3
     - Yes  LSURG_47

  b. Right arm?
     - No  Go to B3
     - Yes  RSURG_47

B3. Which hand is your dominant hand?

- Left  .................  GHNDBP_47
- Right .................  GHNDRP_47

B4. Do you think you could safely squeeze this instrument as hard as you can with your dominant hand?

- No  Go to B5
- Yes  SQEZPB_47

If the participant’s dominant hand is affected by one or more of the conditions listed on page 6 of the guidelines, DO NOT TEST and complete only B5.

Summary of conditions:
- acute flare up wrist/hand (e.g., arthritis, tendonitis, carpal tunnel)
- surgery for fusion, arthroplasty, tendon repair, or synovectomy of upper extremity in past 13 weeks
- current symptoms from heart problems that may be exacerbated by hand grip test

B5. Did participant attempt to perform the grip strength assessment?

- No  ATGR_47  Go to PROMPT
- Yes  Go to B10

  a. If NO, was it due to:
     - Physical impairment ...........  ATGRN_47
     - Cognitive impairment ..........  ATGRN_47
     - Other reason ..................  ATGRN_47

     Specify:  SGRPRP_47

PROMPT: Read to Participant:
I’d like you to take your dominant arm, bend your elbow at a 90 degree angle, press your arm against your side, and grab the two pieces of metal together like this. (EXAMINER SHOULD DEMONSTRATE AT THIS POINT.) When I say “squeeze,” squeeze as hard as you can until I say “stop”. The two pieces of metal will not move but I will be able to read the force of your grip on the dial. I will ask you to do this three times. If you feel any pain or discomfort, tell me and we will stop. (DEMONSTRATE TO PARTICIPANT.)

Now you should bend your elbow at a 90 degree angle, press your arm against your side, and grip the two pieces of metal with your dominant hand. Your wrist should be straight. Ready? Go! (BE SURE TO COACH: “Squeeze, Squeeze, Squeeze!” ALSO BE SURE TO TELL THE PARTICIPANT TO “Stop!” WHEN THE ARROW STARTS GOING DOWN.) DO DOMINANT HAND ONLY.

B6. Was grip strength test done?

- No  Go to B6.a
- Yes  GRIP_47

  Attempted, but unable physically ..................  GRIPN_47

  a. If NO, was it due to:
     - Cognitive impairment ...........  GRIPN_47
     - Other reason ..................  GRIPN_47

     Specify:  SGRTPB_47

     ________
B7. First try: TRY1PB_47

B8. Second try: TRY2PB_47

B9. Third try: TRY3PB_47

B10. Record time ended:

FRTEH_47
FRTEM_47
FRTEZ_47

HR MIN
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9