

Instructions for administration of the **100** word

SPRINT (SPeech Reception In Noise Test)

1. Test Description

The SPRINT100 has 100 NU-6 words that are most predictive of the score obtained using the original set of 200 words (see the white paper for full description). The eight SPRINT100 tracks on this CD have the 100 words in random order to prevent memorization of the word order for multiple test administrations. The audiologist may choose any of these tracks for administration of the test. The end of this document contains separate score sheets for each of these eight tracks.

2. Track Order

Track 1: 1000 Hz Calibration Tone

Track 2-9: SPRINT100 Lists 1 to 8 (100 words per track)

3. Test Procedure

The SPRINT is administered through an audiometer, unaided, under earphones with the signal (i.e., monosyllabic words presented in a multi-talker babble) delivered to the right and left ear simultaneously. Because the words and background babble are pre-recorded at the proper speech-to-babble ratio on the same channel of the CD, the audiologist need only set the overall presentation level of the recording.

- a) Set audiometer attenuator to **50 dB HL**
- b) Route signal to **both right and left earphones**
- c) Play Track 1 (Calibration Tone) and adjust VU to **0 (zero)**
- d) Adjust monitor (to ensure the track is playing correctly) and 'talk-back' (to hear patient responses more clearly); position talk-back microphone close enough to patient that responses can be heard clearly.

Instructions to service member:

"You will be hearing a recording of a man's voice saying some single-syllable words. At the same time, in the background, there will be the sound of several people talking at once. I want you to repeat back the words that the man is saying. Some of the words may be difficult for you to hear. If you're not sure what the word is, take a guess. You will be hearing the words and the background talkers in both earphones at the same time."

- o Be sure to encourage guessing.

- If more than one answer is given (such as "It was either map or mat") take the first response.
- Write down the incorrect responses on the response form.
- The complete 100 word test must be administered for this test to be valid.
Interpolating a total score from the first 50 or 100 words invalidates the test.

3. Scoring and Classification

To score the **SPRINT100**, use the nomogram shown on the next page of these instructions. Find the data point that cross-references the years in service along the left side of the graph and the number of words correct on the **SPRINT100** test on the bottom of the graph. One of four recommendation categories below will be selected based on the raw score/years in service data point on the nomogram:

A) Retention in current assignment

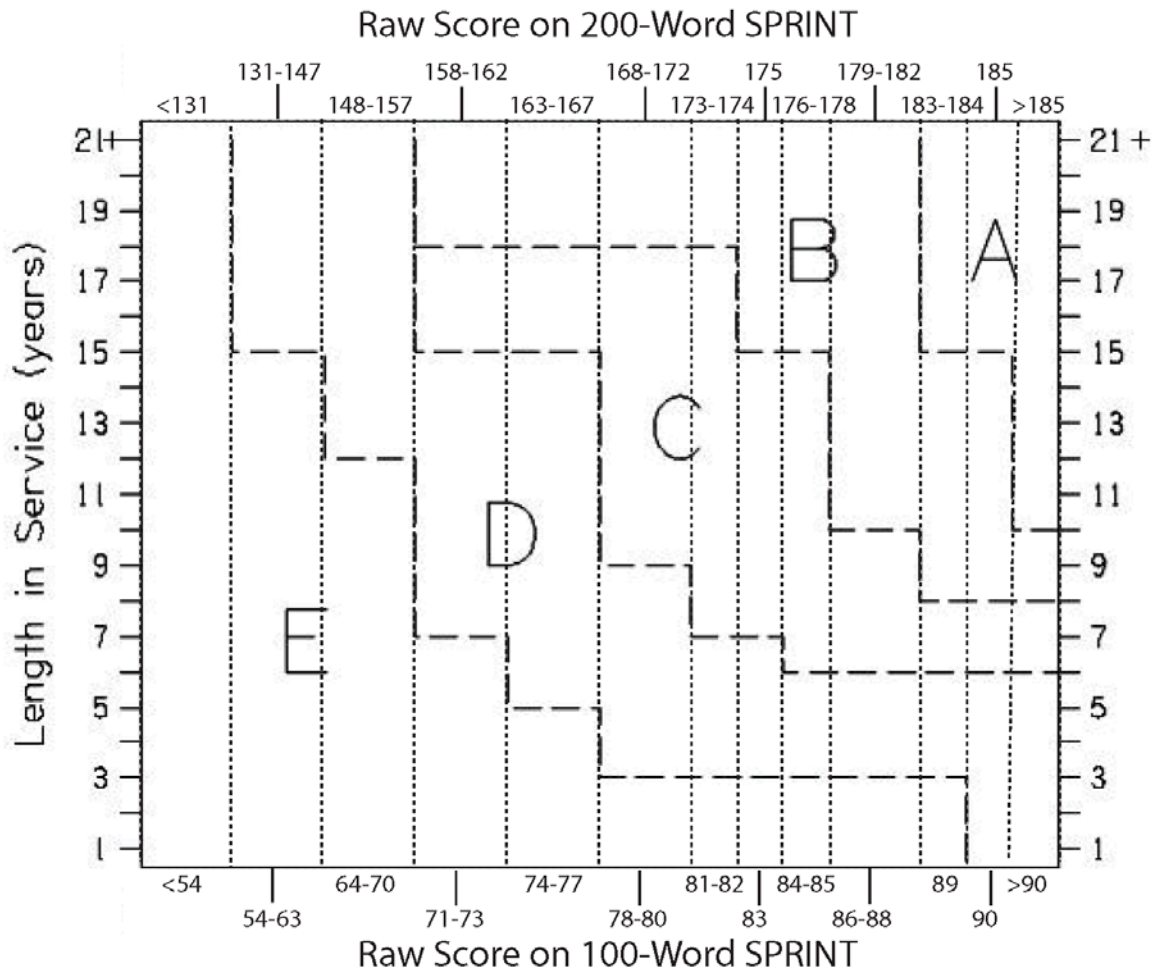
B) Retention in current assignment with restrictions

C) Reassignment to (or retention in) a non-noise hazardous AOC/MOS (military occupational specialty)

D) Discretionary category. If the raw core/years in service data point on the nomogram falls into the (D) Discretionary category, the audiologist will make a decision to move the individual into the next higher 'C' or next lower 'E' category based on the cumulative diagnostic and medical history obtained in the comprehensive audiologic evaluation

E) Separation from Service

Complete the Score Sheet for the **SPRINT100** and include in the service members personnel and/or medical record for documentation.



| Category | Recommendation |
|----------|--|
| A | Retention in current assignment |
| B | Retention in current assignment with restrictions |
| C | Re-assignment to (or retention in) non-noise hazardous AOC/MOS |
| D | Discretionary |
| E | Separation from service (Refer to MEB following medical clearance from a physician) |