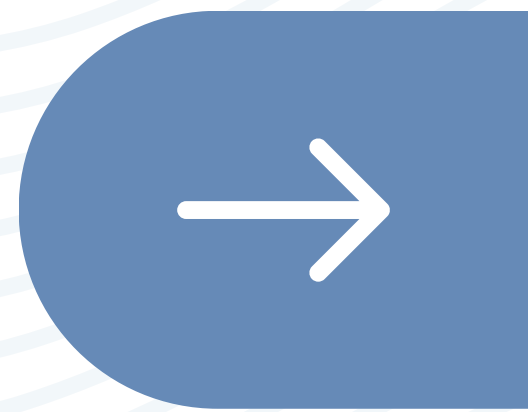


# #DIBS BY NEXTILLO

DAILY INFORMATION BULLETIN SERVICE

UPPER LIMB NERVE  
INTEGRITY TESTS





# #DIBSBYNEXTILLO

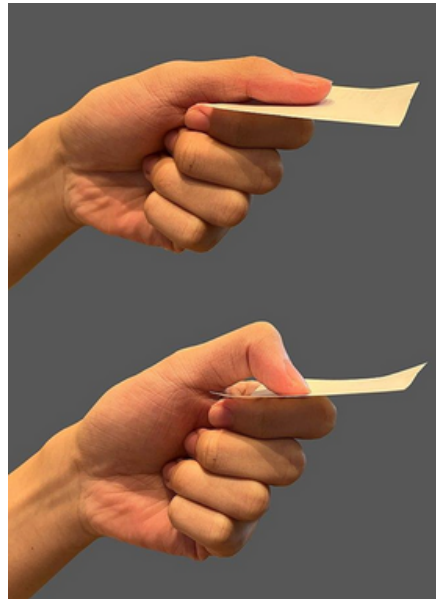
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## UPPER LIMB NERVE INTEGRITY TESTS

*Nerve tests and their correlation with hand muscles will be discussed in detail such as the Book Test, Froment's Sign, and Thumb and Finger Drop, to understand the interconnections between nerve function and the muscular dynamics of the hand.*



# IMAGE DESCRIPTION



*The image displays positive Froment's Sign*

- **Book Test:** Evaluates ulnar nerve function, assessing grip strength and precision.
- **Froment's Sign:** Detects median nerve weakness by observing thumb and finger coordination.
- **Thumb and Finger Drop:** Tests radial nerve integrity, observing thumb and finger extension.
- **Adductor Pollicis and Palmar Interossei:** Play crucial roles in thumb movement, grip strength, and coordination.
- **Thenar Muscles and Abductor Pollicis Brevis:** Contribute to thumb movement, precision, and overall hand functionality.



# ULNAR NERVE TESTS AND MUSCLES

## **Book Test:**

- *Assesses ulnar nerve function.*
- *Involves holding a book with fingers.*
- *Tests grip strength and muscle control.*
- *Detects weakness or paralysis in the ulnar nerve.*
- *Relevant muscles: Intrinsic hand muscles, adductor pollicis.*

## **Card Test:**

- *Evaluates ulnar nerve integrity.*
- *Requires manipulating cards with fingers.*
- *Measures fine motor skills and dexterity.*
- *Detects potential ulnar nerve compression or damage.*
- *Relevant muscles: Intrinsic hand muscles, palmar interossei.*



# MEDIAN NERVE TESTS AND MUSCLES

## ***Froment's Sign:***

- *Detects median nerve weakness.*
- *Involves holding paper with thumb and index finger.*
- *Compensation for weak pinch indicates nerve dysfunction.*
- *Assessing adductor pollicis and thumb function.*
- *Relevant muscles: Thenar muscles, adductor pollicis.*

## ***Pincer Grasp (Kiloh Nevin Sign):***

- *Assesses median nerve function.*
- *Pinching action between thumb and index finger tested.*
- *Evaluates precision grip and finger coordination.*
- *Detects abnormalities related to median nerve compression.*
- *Relevant muscles: Thenar muscles, abductor pollicis brevis.*



# RADIAL NERVE TESTS AND MUSCLES

## ***Thumb and Finger Drop:***

- *Tests radial nerve integrity.*
- *Observes thumb and finger extension capability.*
- *Assesses function of extensor muscles.*
- *Identifies potential radial nerve injuries or compression.*
- *Relevant muscles: Extensors, extensor digitorum.*

## ***Wrist Drop:***

- *Evaluates radial nerve function.*
- *Examines wrist extension ability.*
- *Tests for weakness or paralysis in radial nerve distribution.*
- *Indicates radial nerve damage or compression.*
- *Relevant muscles: Extensors, extensor carpi radialis longus.*



# UPPER LIMB NERVE INTEGRITY TESTS

**Question:**

***Which test primarily assesses median nerve function through pinch coordination?***

- a) *Book Test*
- b) *Card Test*
- c) *Thumb and Finger Drop*
- d) *Pincer Grasp (Kiloh Nevin Sign)*

***Answer: d) Pincer Grasp (Kiloh Nevin Sign)***