

# Difference in Deep Wrist Injury Patterns: Accident vs Attempted suicide



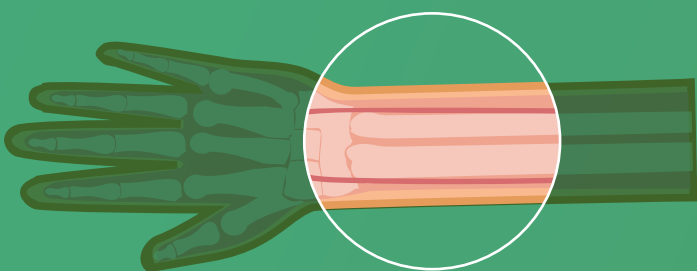
Differentiating between **accidental** and **suicidal** deep wrist injuries can help improve their surgical management

Study evaluated patients treated for deep wrist injuries between 2008 and 2016

**147**  
**Accidents**

**36**  
**Suicide attempts**

Inclusion criteria



≥1 deep injury

Psychiatric evaluations



for intentionality of injuries

20% of deep wrist injuries were from suicide attempts

Accident

Suicide

**Ulnar**



**Ulnar**



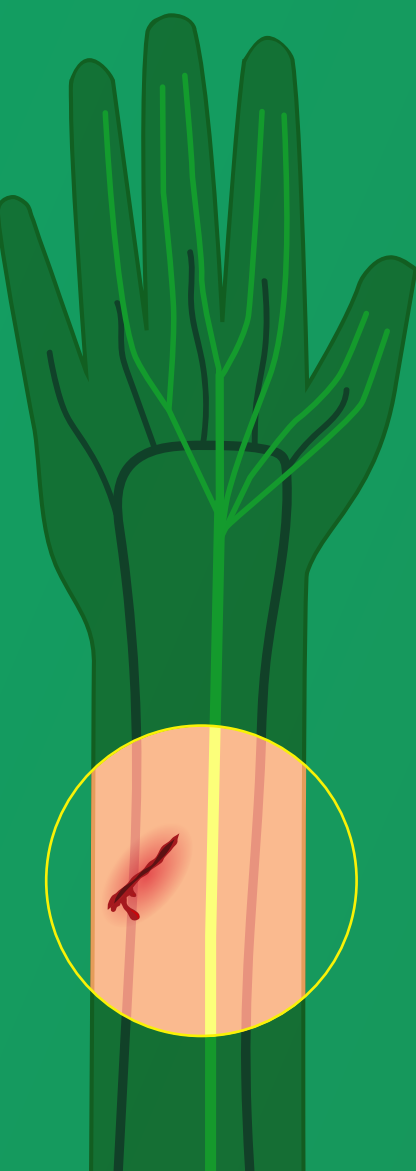
**4.2 (± 3.5)**



**Unilateral**



**No handedness effect**



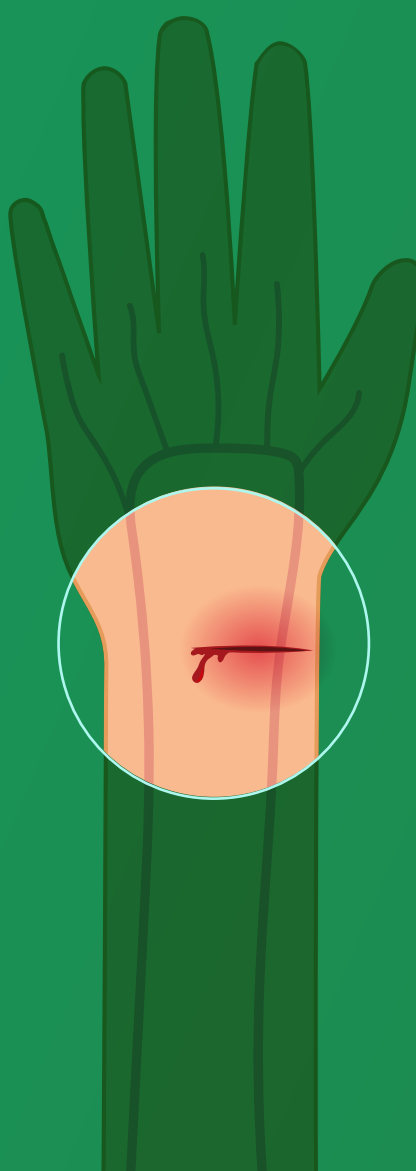
Nerve

Affected artery

# Injured structures

Pattern

Localization



**Median**



**Radial**



**4.7 (± 4.7)**



**Bilateral**



**Non-dominant hand**



Aspects of injury patterns vary between **accidental** and **suicidal** deep wrist injuries

The Reason Matters: Deep Wrist Injury Patterns Differ with Intentionality (Accident versus Suicide Attempt)

Kisch et al (2019) | DOI: 10.1097/GOX.0000000000002139