Completion of capping of distal radius epiphysis

Appearance of hook of hamate

Appearance of MP thumb sesamoid

Proximal aspect of radial epiphysis has extended to meet the maximum width of the distal metaphysis, but neither radial-sided nor ulnar-sided capping is completed

Closure of thumb distal phalanx physis

Closure of index finger distal phalanx physis and Closure of thumb metacarpel

Closure index finger proximal phalanx physis

Male Ages (in Years)

Before 12.5

Before 13

Before 13.5

Before 14

Before 15

Before 15.5

Before 16

Before 16