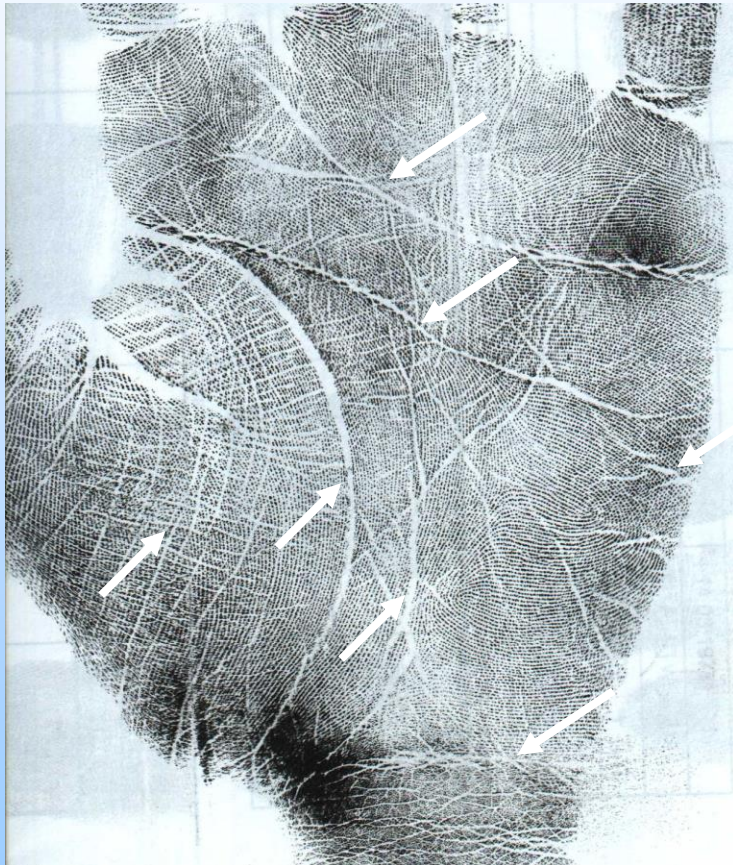



White Lines



- Palm prints are traversed by numerous  “white lines”. Knowledge of their regular courses is valuable for determining partial prints.

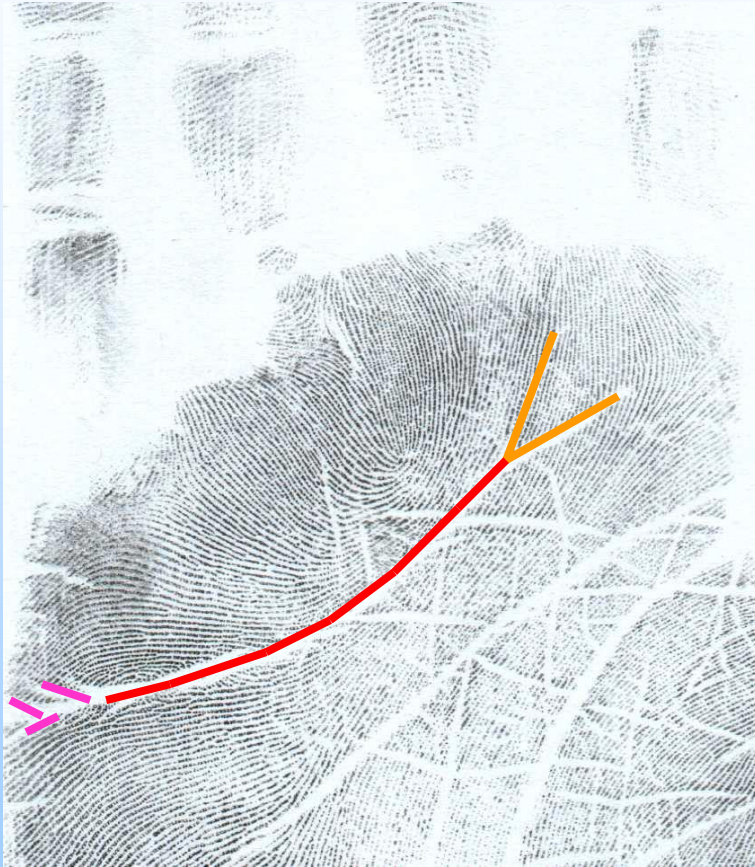
(Major) Flexion Creases M



- The characteristic major creases form the typical diagonally positioned
➡ “creases M”, whose branches embrace the hypothenar area.

Top Crease

(distal transverse crease)

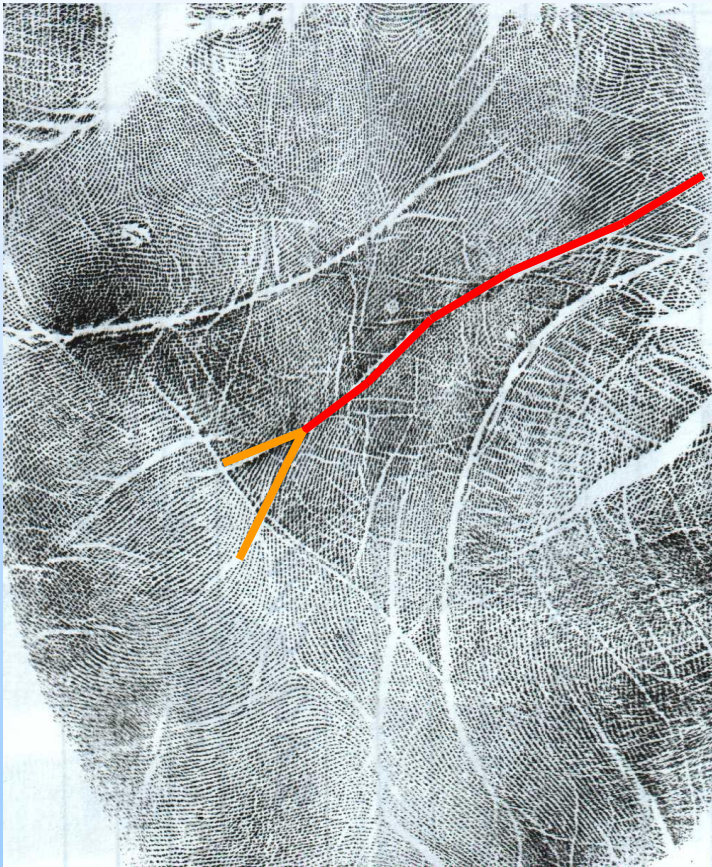


- The distal transverse crease runs in a slight arch from the outer edge of the palm towards the area between the index and middle fingers.

➡ **“Crow’s feet”** appear towards the edge of the palm, the other end of the crease may branch off in the form of a ➡ **“dovetail”**.

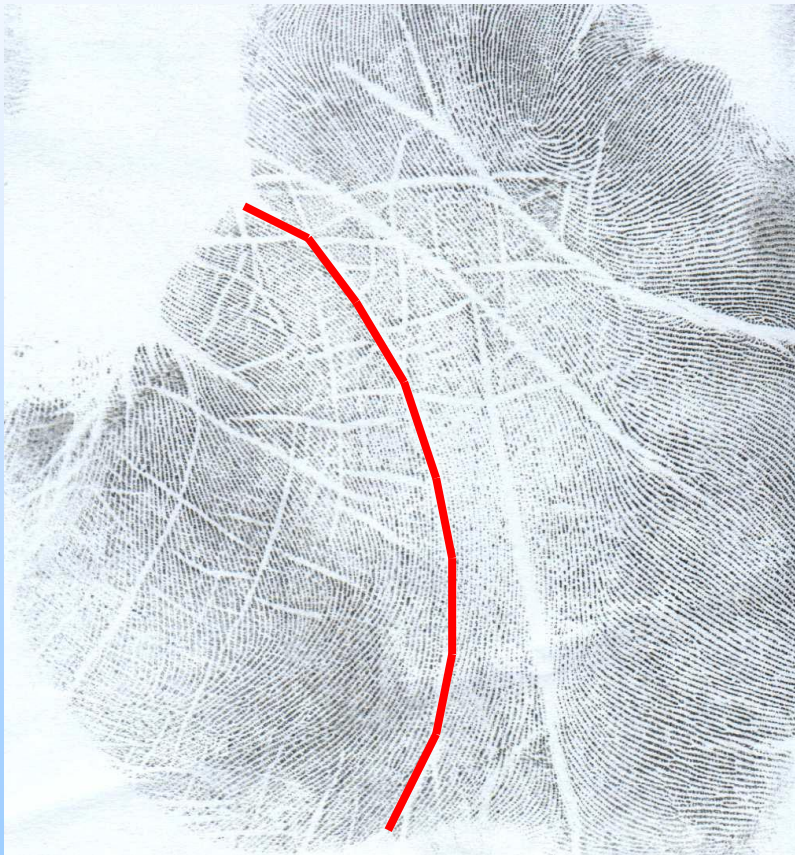
Middle Crease

(proximal transverse crease)



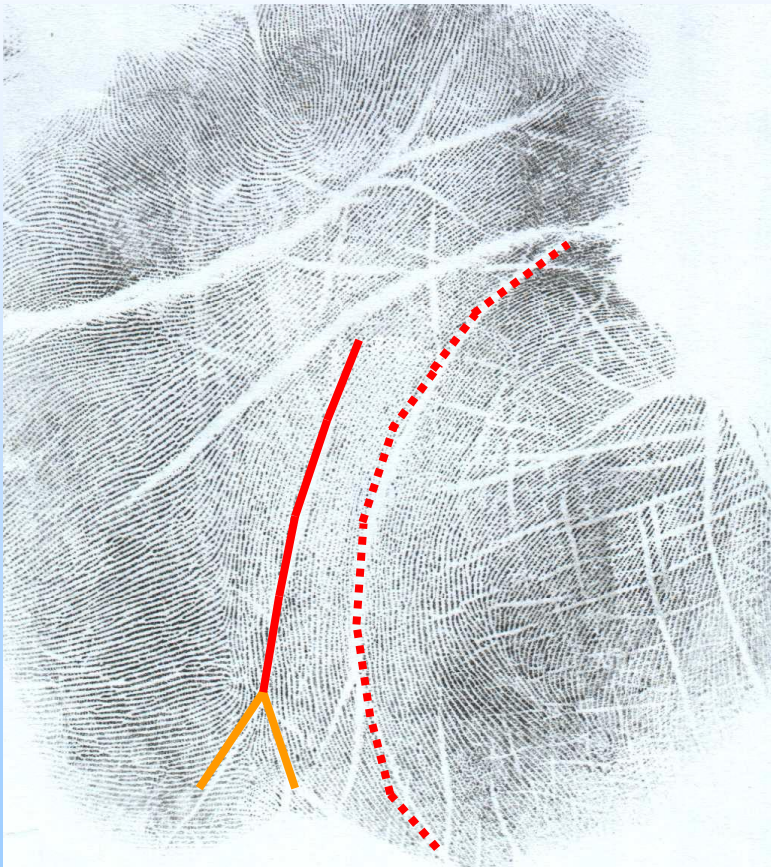
- The proximal transverse crease starts between thumb and index finger, travels through the tunnel region and ends in the hypothenar area, where it may also form a **→ “dovetail”**.

Thenar (Bottom) Crease (radial longitudinal crease)



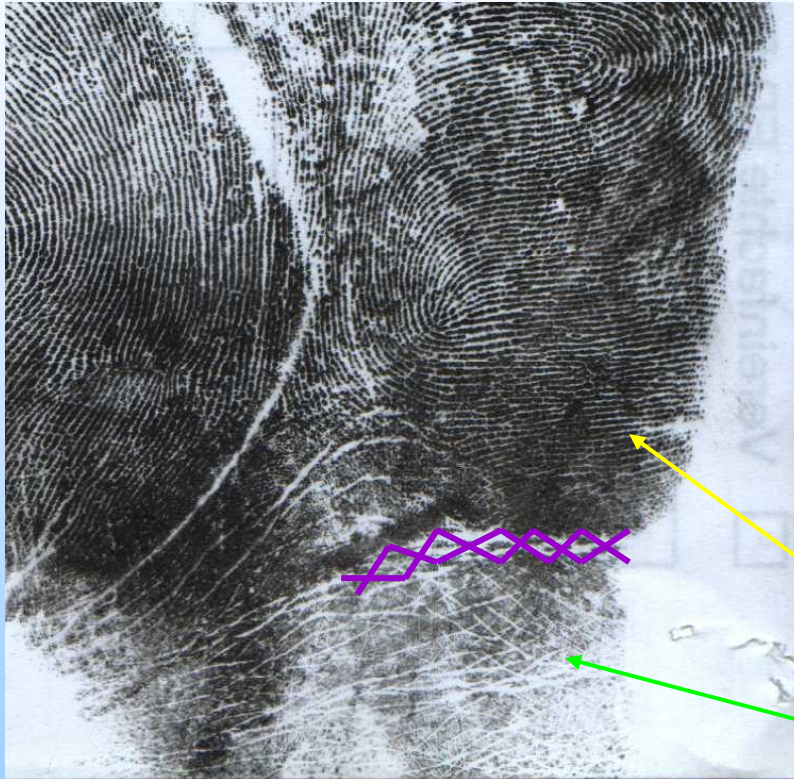
- The thenar crease encloses the thenar area like ➡ **“brackets”**,
- “ (“ -*open brackets*-
= left palm
- “) ” -*closed brackets*-
= right palm

Middle Finger Crease (longitudinal crease)



- Next to the bottom crease -left in left palms and vice versa-, a **middle finger crease** may show. It takes a straight course from the metacarpus towards the heel of the hand, where it may also form a **→ “dovetail”**.

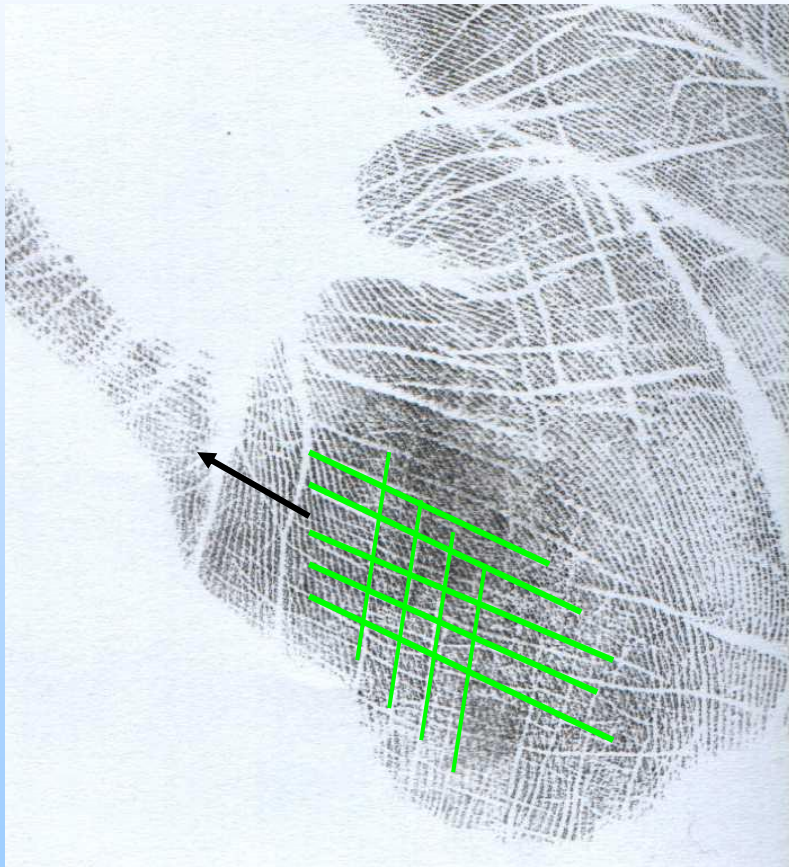
Wrist (Carpal) Crease



“Wrist bracelet” of a right palm

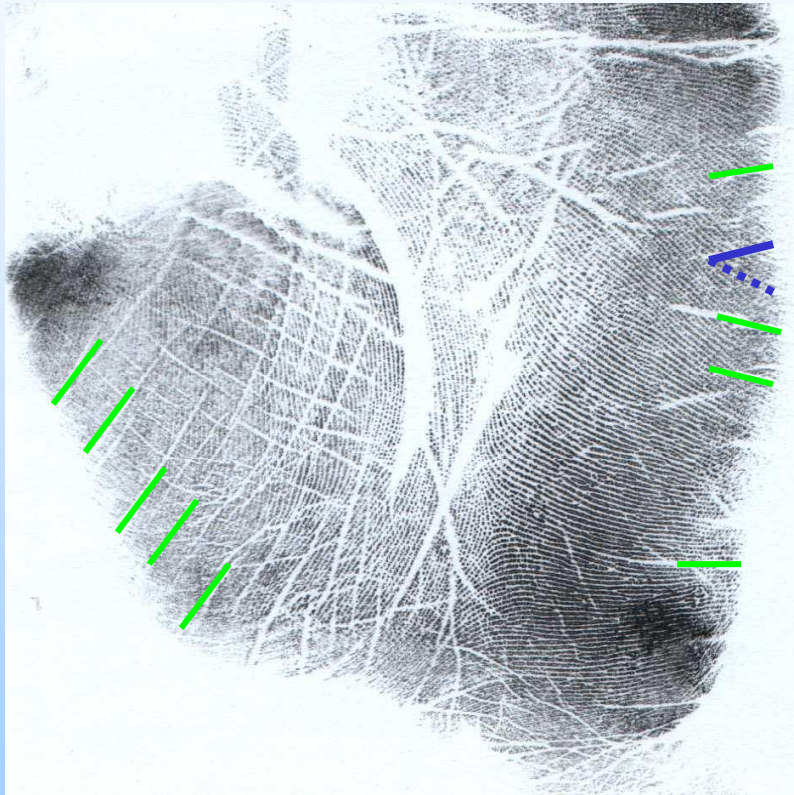
The wrist crease often appears as a ➡ **“bracelet”**. For anatomical reasons, its impression is more pronounced beneath the hypothenar area. As opposed to the thumb base crease, papillary ridges (**friction ridge skin**) show only on one side, the other side discloses **thin skin**.

Cross-Hatching



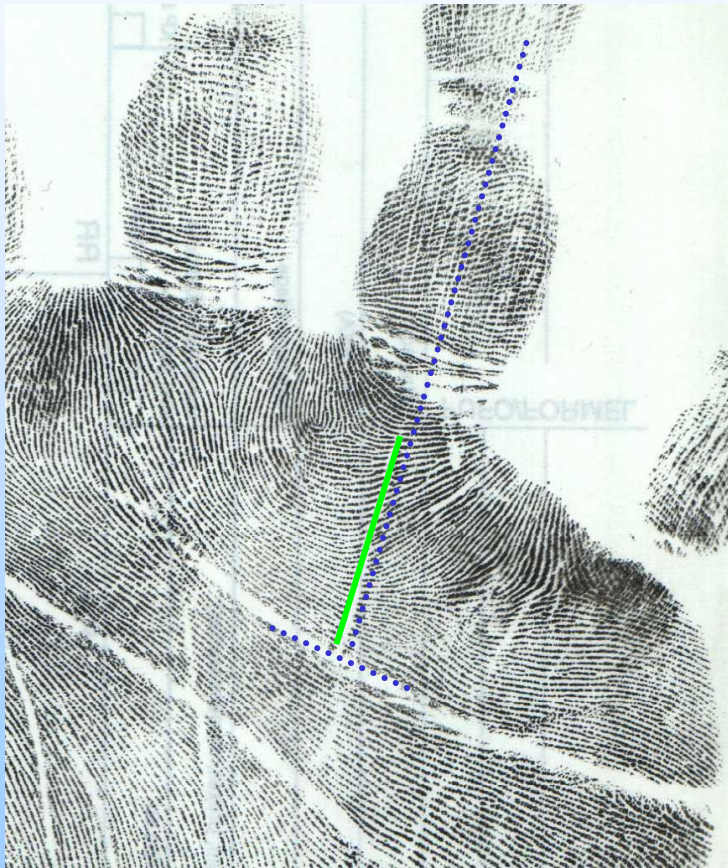
- The tension creases which take a course perpendicular to each other only in the thenar area appear as so-called ➡ **“cross-hatching”**, with most of the more pronounced lines pointing in the direction of the thumb.

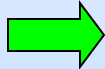
Edge/Wedge Creases



- ➡ **“Edge creases”** form at the outer edges of the palm, the
➡ **“wedge creases”** in the hypothenar area help determine not only the outer edge but also the grip direction (crease is at the top!).

Ring Finger Crease (longitudinal crease)



- Below the ring finger and parallel to its longitudinal axis, a  “ring finger crease” may appear. It meets the top crease almost at right angles.

Note

- While the flexion creases regularly show in prints, the tension creases, i.e. for example cross-hatching, edge/wedge and ring finger creases, are not necessarily as pronounced in reference material.