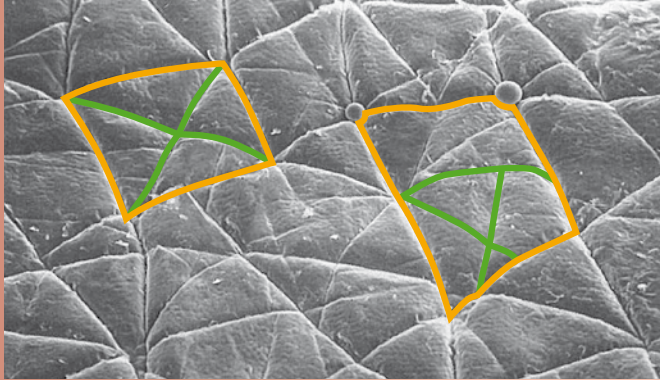


A closer look into the skin

The mimic wrinkles or so called expression lines differ from the secondary lines (5–40µm deep) and the primary lines (20–100µm deep) since they are much deeper (>100µm deep). These mimic wrinkles are caused by repeated facial movements.

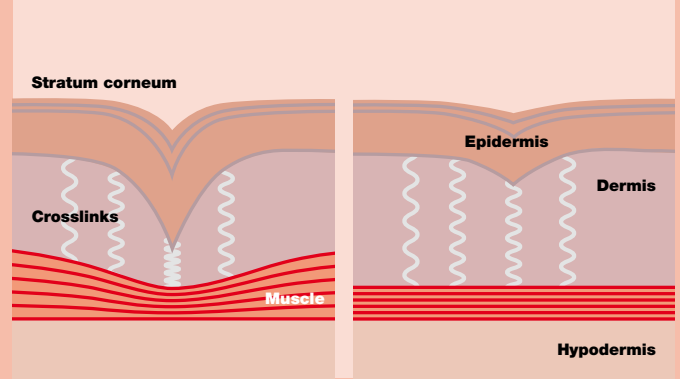
Microrelief of skin



Primary lines

Secondary lines

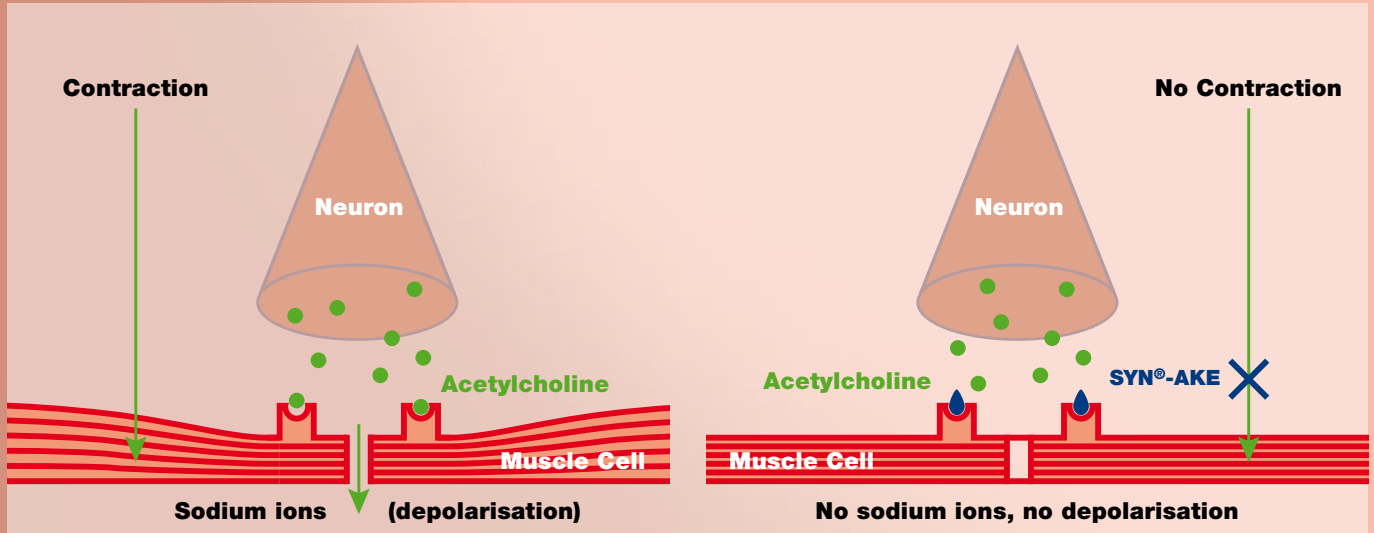
Expression lines



Before SYN-AKE

After SYN-AKE

How does SYN-AKE acts in the skin?



Before SYN-AKE:
Release of acetylcholine, contraction messenger, that fixes on the muscle cell: contractions occur through depolarisation of the muscle cell.

After SYN-AKE:
SYN-AKE prevents the fixation of acetylcholine. The skin stays relaxed and mimic wrinkles are strongly reduced.