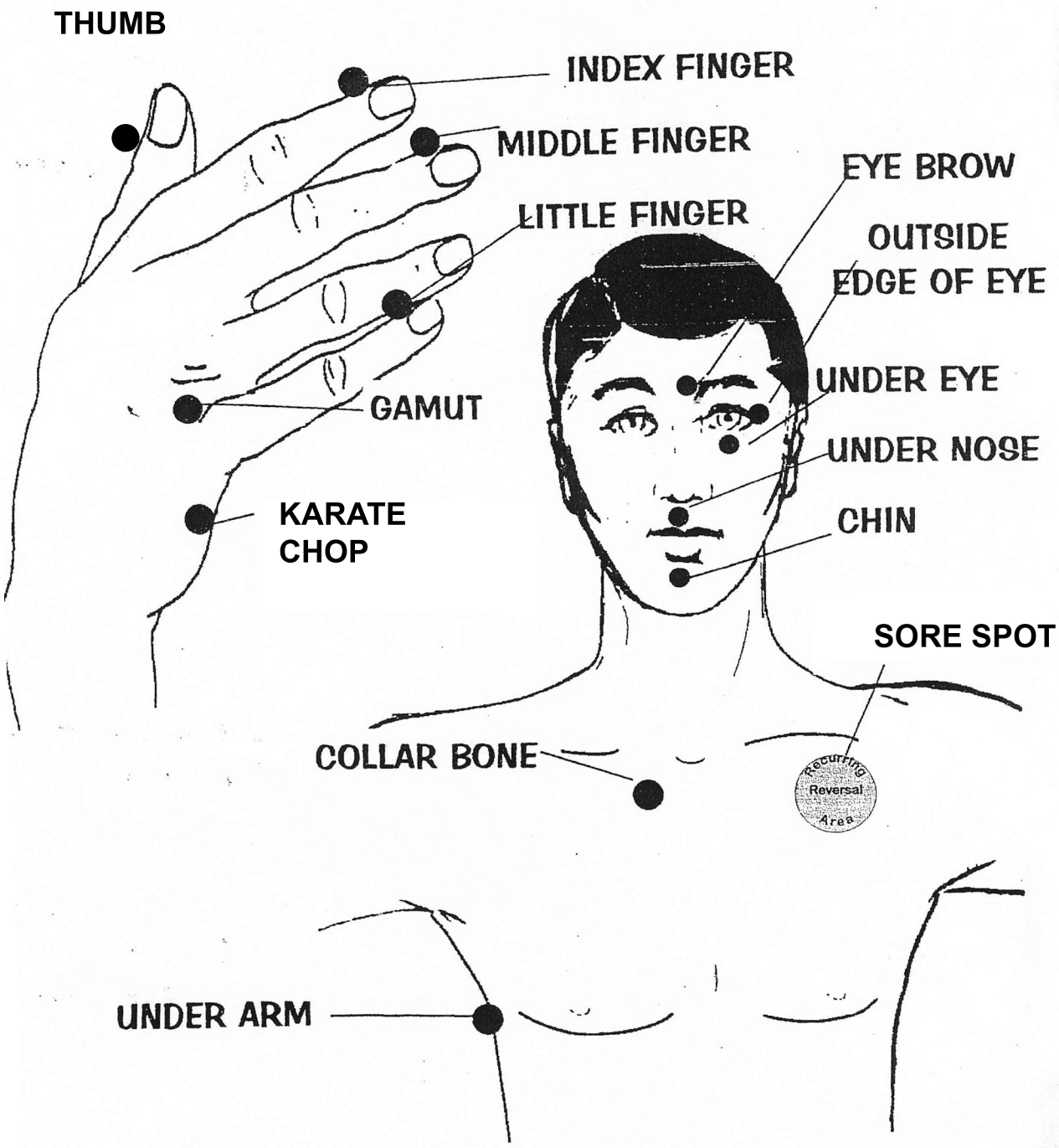TAPPING POINTS