

6. Repeat this step with the forearm, back of the hand, back of the neck, palm of the hand, index finger, thumb tip, calf of leg, alternating between the different pairs of toothpicks in a random order. Occasionally use the single toothpick so the subject won't assume you are always using two points.

7. Remember to record a plus or minus for each measurement with a pair of toothpicks. (It is not necessary to record the response to the single toothpick.)

Results

- What areas of the skin appear to be most sensitive, least sensitive?
- What does the data tell you about the distribution of receptors in the skin?
- How could you measure the magnitude (size) of the difference in sensitivity between different skin areas?

Conclusion

1. How did the test results compare with your predictions?
2. Why are some skin areas more sensitive than others?

