

# In-Person versus Remote Sensory Research: Results Comparison for Pain Patches

## Background

Our client was interested in conducting a Pilot test for at-home application and 24-hour wear assessment of pain relieving patches before fully committing to at-home testing.

Four of the six patches used in a Previous (on site) study were used in this Pilot test, so that results of the Pilot test could be compared to the Previous study.

## Objective

To compare the performance of patches applied and evaluated in the Pilot test (remote) for failure, adhesion, maceration, and residue against the performance of the patches in the Previous (on site) study.



## Methodology

### 22 Panelists

- Participants were consumers who were semi-trained for the testing.
- A member of the participants' household assisted with application.

### 4 Products

- 2 prototypes
- Current product
- Competitive product

### Two Meetings

- #1 - Training & application instructions from technician via video. Application by participants' household member.
- #2 - 24 hour wear evaluation. Removal by participants' household member.

# What We Did

## Product Distribution

Packages were prepared and couriered to each panelist via contactless delivery.

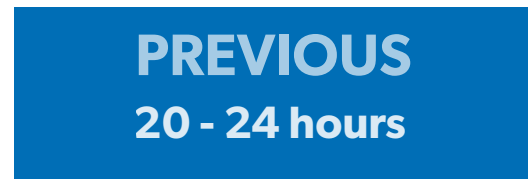
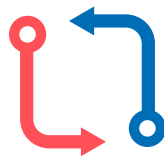
- Application instructions (including diagrams)
- Protocol & ballots
- Soap (for pre-application process)

## Product Application

- The Technician conducted live video training and demonstrated proper product application.
- One or two panelists per session.
- Panelists had partners who applied the products.
- The product application was reviewed / approved by the Technician.

# What We Learned

Time to failure for Pilot and Previous samples was comparable.



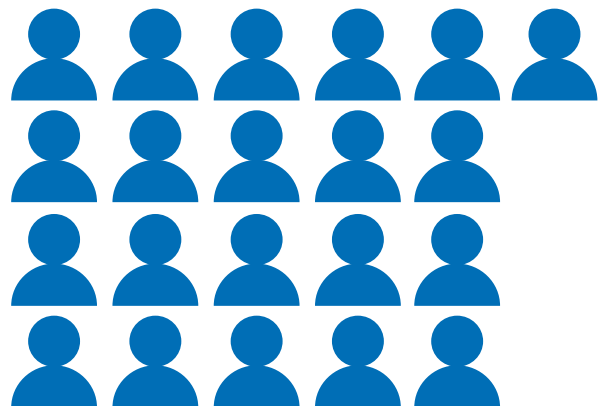
The average wear time success rate for Pilot and Previous samples was comparable.

**20** Prototype -15 patches stayed on for **24**-hours



**2** Prototype -15 patches came off at **18.9** and **20.8** hours

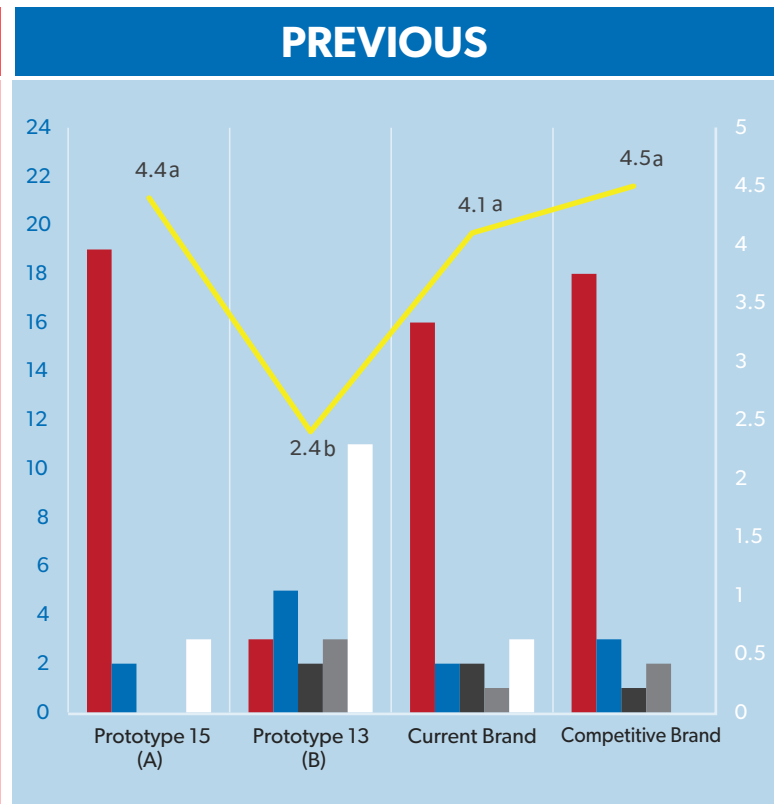
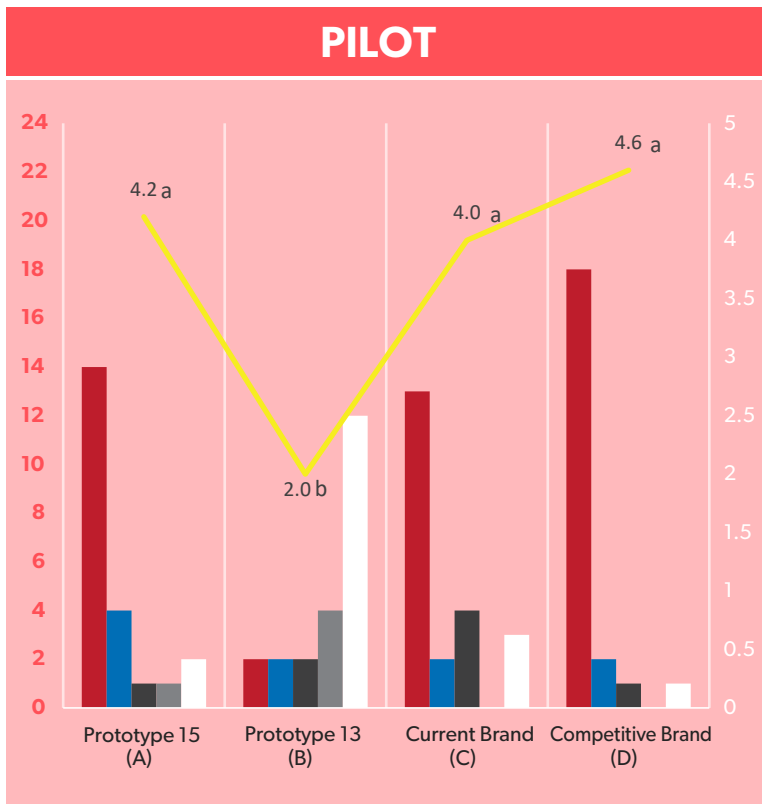
**21** Prototype -15 patches stayed on for **24**-hours



**3** Prototype -15 patches came off at **18.2**, **19** and **23.3** hours

# What We Learned (cont.)

Adhesion tab, adhesion side and residue differences were **comparable**.



## Recommendations

- The bandage wear evaluations are as successful when tested remotely as in the lab. Proceed with full testing program.
- Continue with live training and application for each test to assure panelist engagement and highest standard of quality in application and data collection.



### TIP:

Pre-training document and protocol presentation ensure a smooth transition and provide clear step-by-step communication.