

Enjoy Work

# Contour UniMouse and Central Pointing Innovation



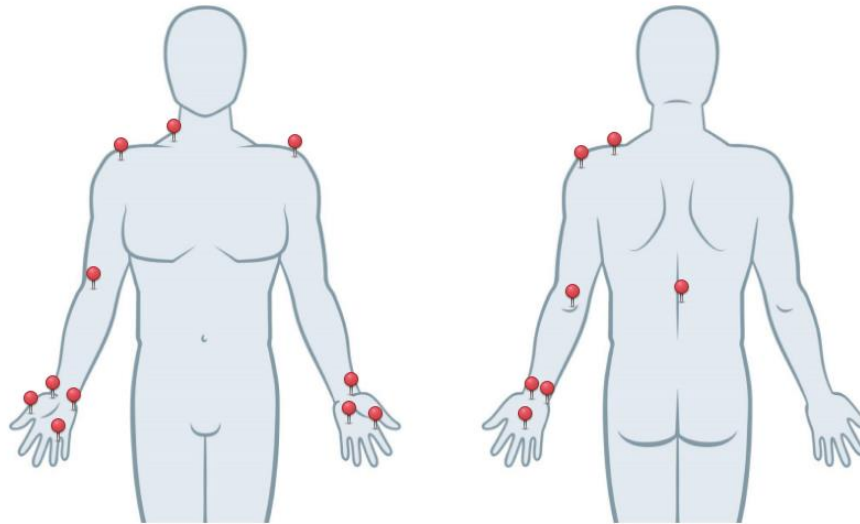
# Rollermouse Red, Unimouse, Balance Keyboard



# Where does it hurt?

## Amazon Product Reviews

Contour Design creates products that are designed to relieve users pain and strain, from their fingertips up to their necks. Don't just take our word for it! Hover over any of the dots below to see how our products have helped others.



### Customer Review

★★★★★ This is great but it does some taking use to

By Fr. on October 20, 2015

Verified Purchase

This is great but it does some taking use to. My husband does not like it. I have issues using my upper extremities and my MD. recommended this for me. I loved it from the start. The "copy" and "paste" right there is such a nice feature and helps keep my hands right where they should be instead of having to go sideways to a regular mouse. It's easier to use than "Ctrl and C" and "Ctrl and V". I just have to use one finger and it's done. I use a computer all day at work so it's worth it to me. This mouse is a bit pricey though. I wish I could find it on sale so I could get one from home.

### Product Details

RollerMouse Red - Ultimate Ergonom...  
by Contour Design

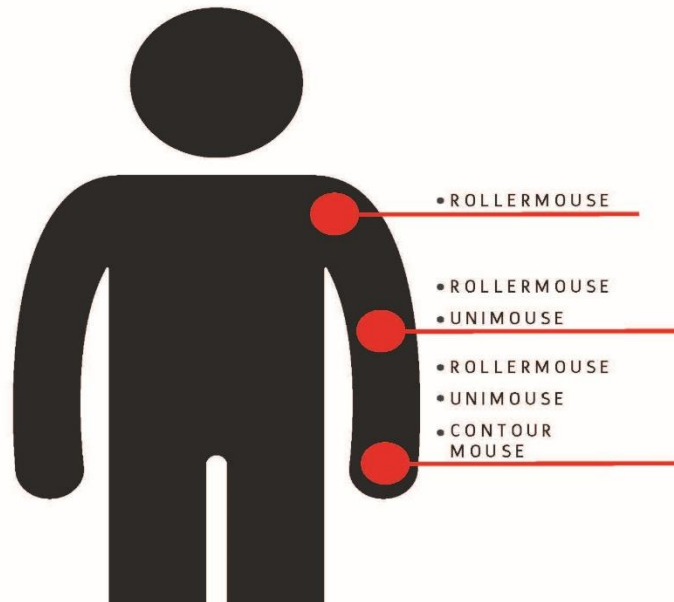
★★★★☆ 91

4.1 out of 5 stars



# Does user have pain in the Mouse Arm when they use the Mouse?

	HAND	WRIST	ELBOW	SHOULDER
ROLLERMOUSE	✓	✓	✓	✓
UNIMOUSE	✓	✓	✓	
CONTOUR MOUSE	✓	✓		



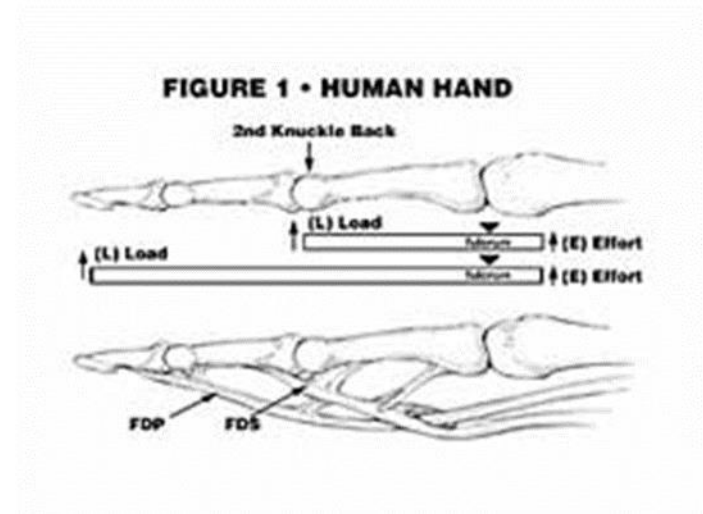
# Unimouse – R & D

**2 Million invested over a 6 year period**

**3 main prototype designs**



# Start with what works – Elongated button design





# Dual Ball Joint with elongated button platform – friction lock is born – Prototype #1



# ID clay models – prototyping





# Clay models with some adjustability



# Outside ID Design

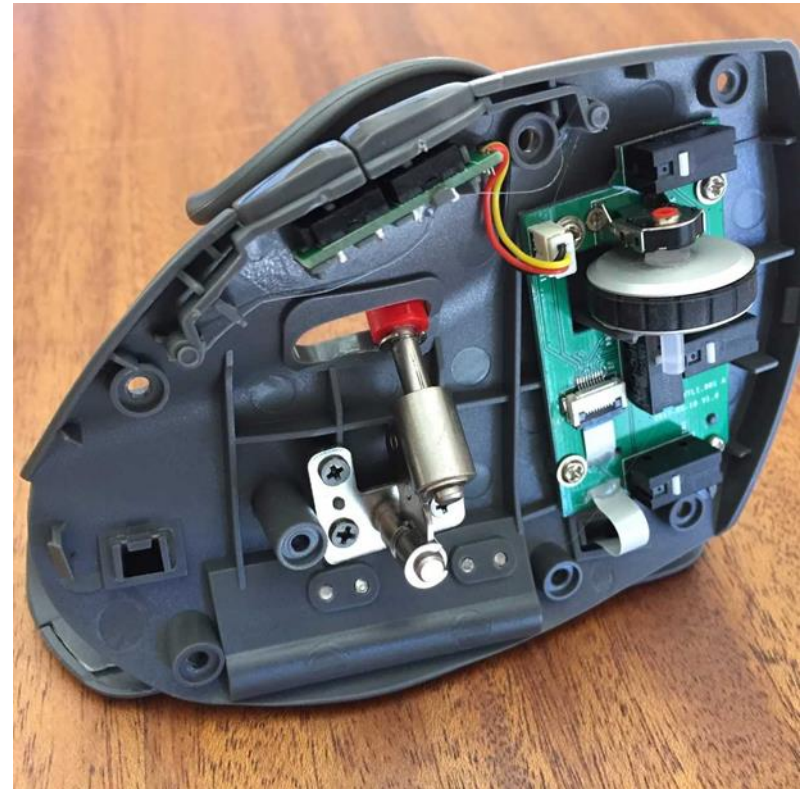
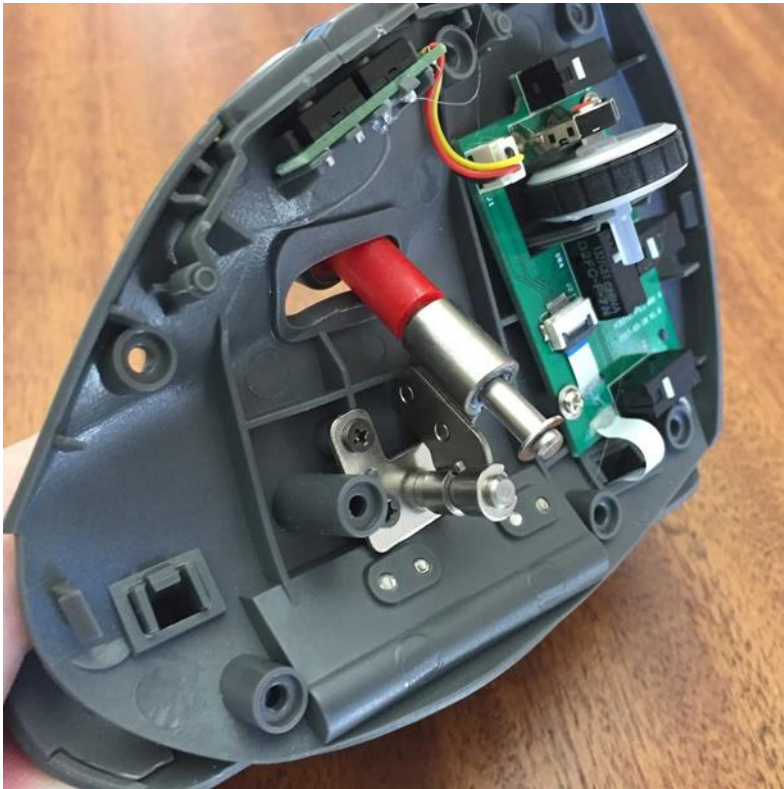


# Prototype #2 – side hinge – swivel thumb support ball joint





# Prototype #3 with 3 way adjustable friction lock mechanism (current design)



## Medium hand size (middle of the bell curve)

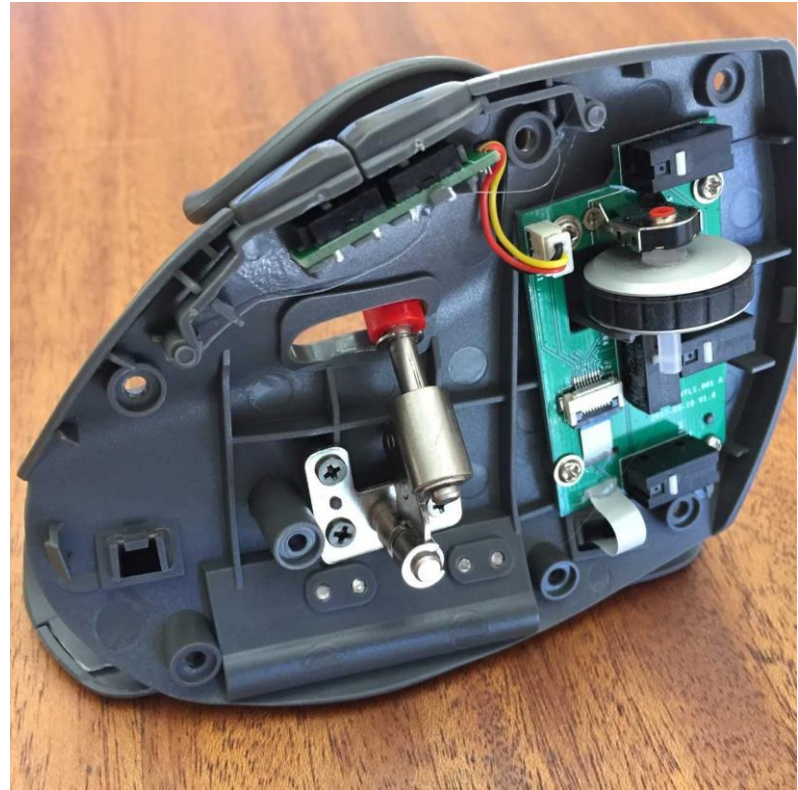
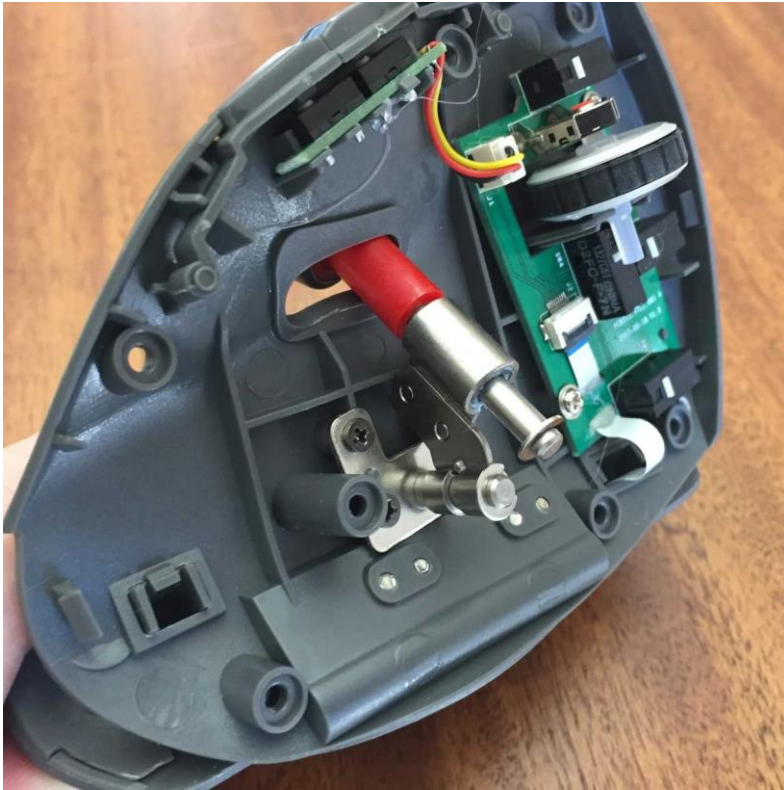




## Mouse expands to fit the hand

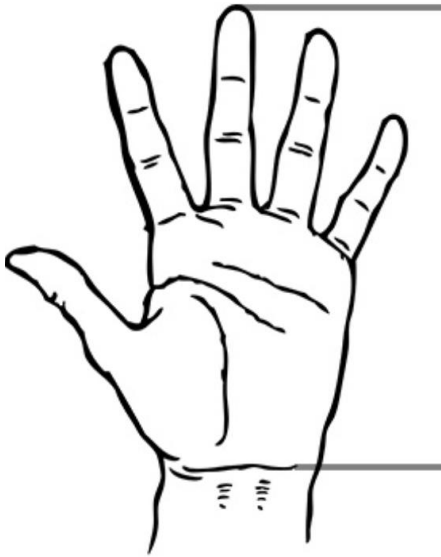


# Friction lock mechanism – stainless steel shaft with Teflon bushing that has carbon steel clamp.



# Find Your Size with a sizing stick

**Find your size.** Your hand should be able to rest upon Contour Mouse and support your full palm from underneath. To find your perfect size, you should measure the length from the tip of the middle finger to the first crease of the wrist.



Length	Your Size
19-21 cm (7.5"- 8.25") or above	L
17-19 cm (6.75"- 7.5") or above	M
Under 17 cm (6.75")	S

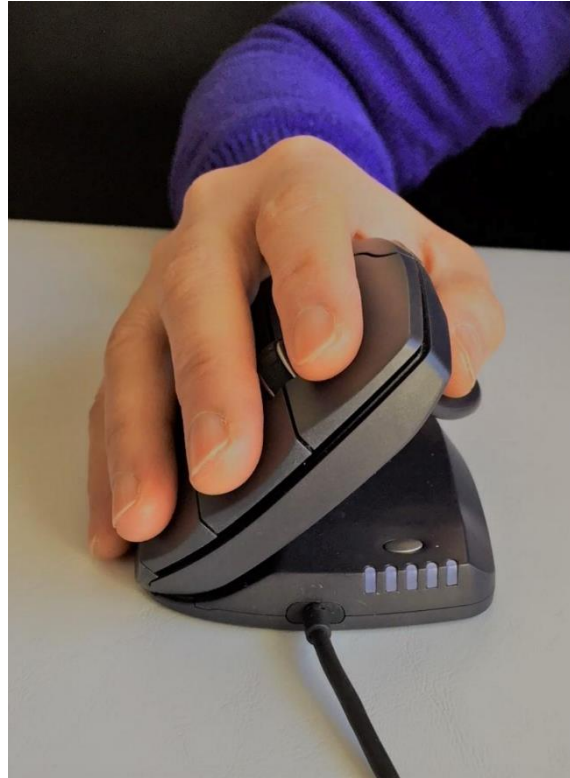


# Unimouse Adjustability Guide

- Here is how to take the Unimouse from its largest to smallest configuration.
- Small Hands = Under 6.75"
  - 40 degrees
  - Thumb Post all the way back and all the way in (retracted). From this point the mouse can be expanded until hand is comfortable.
- Medium Hands = 6.75 – 7.5"
  - 55 degrees (most preferred angle)
  - Post at midpoint in the forward and back range
  - Post at mid extension point
- Large Hands = Above 7.5"
  - 70 degrees
  - Post all the way forward
  - Post extended out fully. From this point the devices size can be reduced until the user's hand is comfortable.
- These are just starting points. Every hand is different. Please adjust the device until you are ultimately comfortable.



**Get comfortable – hand should rest on the mouse with minimal gripping required.**





# Central Pointing vs Traditional mouse placement



## Rollermouse Pro 3



## Rollermouse Free 3



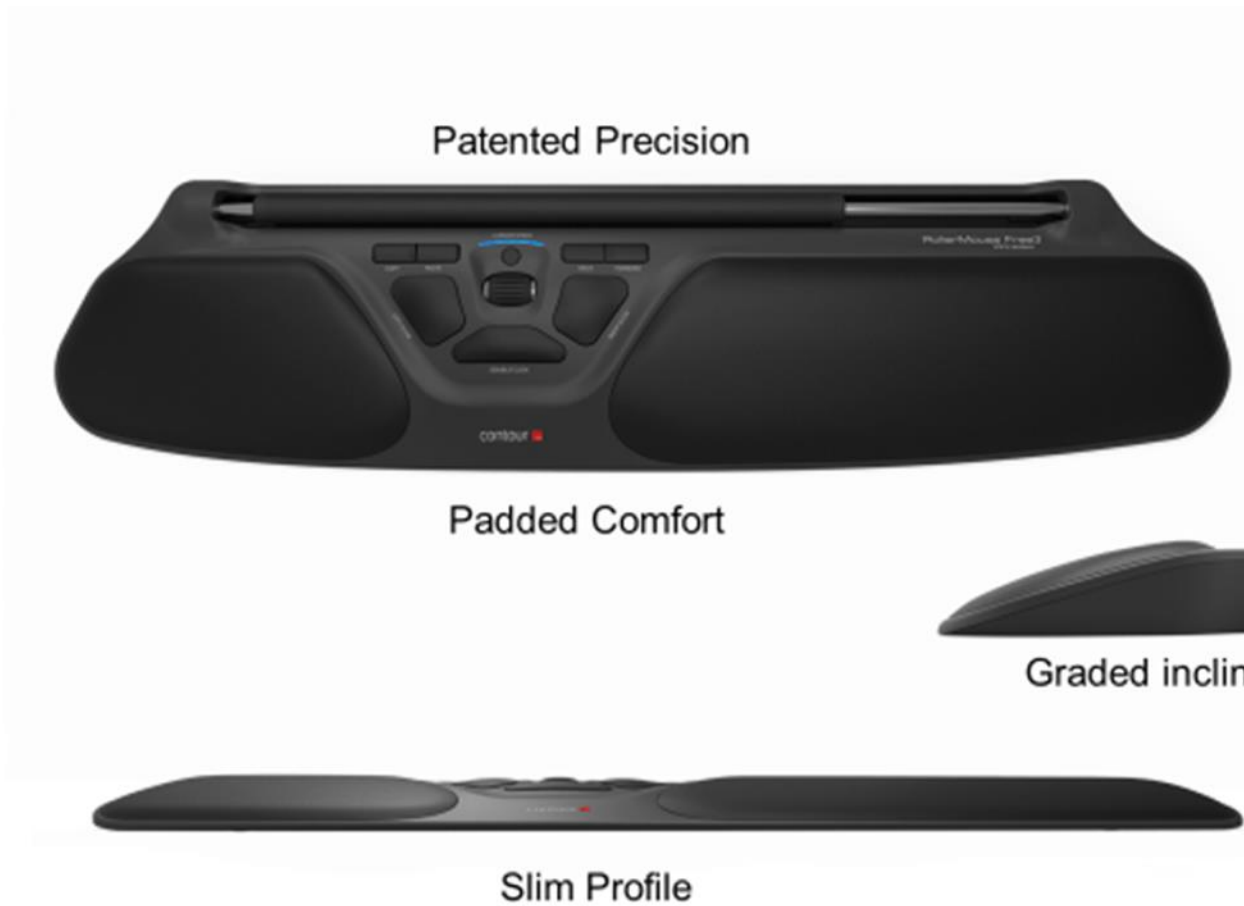
## Rollermouse Red - WL



# Rollermouse PRO 3 - for full sized keyboard – 3.5" x 19" – (7" bar access)



# Rollermouse Free 3 – 5" x 19" (14" bar access)



# RollerMouse® Re:d



## Innovation



reddot design award  
winner 2013



- Percussionless Click
- Larger textured bar
- Aluminum Frame
- RollerBar Optimization

contour 



# RollerMouse® Re:d

**4" x 16" – (12" of bar access) 3.5 D  
without palm support**

## **T6-6061 Aircraft Aluminum Body**

- Compatible in any environment

## **Larger Diameter & Texturized Rollerbar**

- More tactile and easy to operate
- Extension of the fingers; closer to cursor movement



# RollerMouse® Re:d

## Rollerbar Technology – percussion less click

- Digital click action reduces click stress
  - Internal Solenoid provides click sound
  - Click force is diverted outward instead of recoiling back through the finger joints
- 6 peripheral Hall Effect sensors
- End-Detection
- Click Sensitivity
- Click Volume Adjuster



# RollerMouse Red and Palm Support Plus



## Palm Support Plus (PS-Plus)

- Extended palm/wrist rest for RollerMouse Red only
- Increases depth by 2"



## RollerMouse Red Plus

- RollerMouse Red & PS-Plus connected as one unit



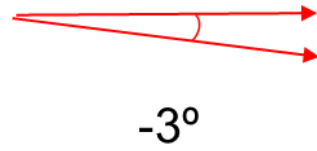
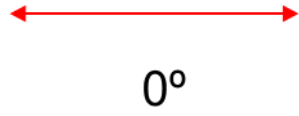
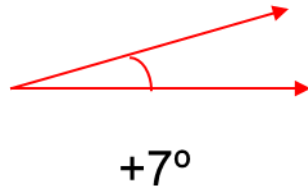
# Installing PS-Plus Palm Support

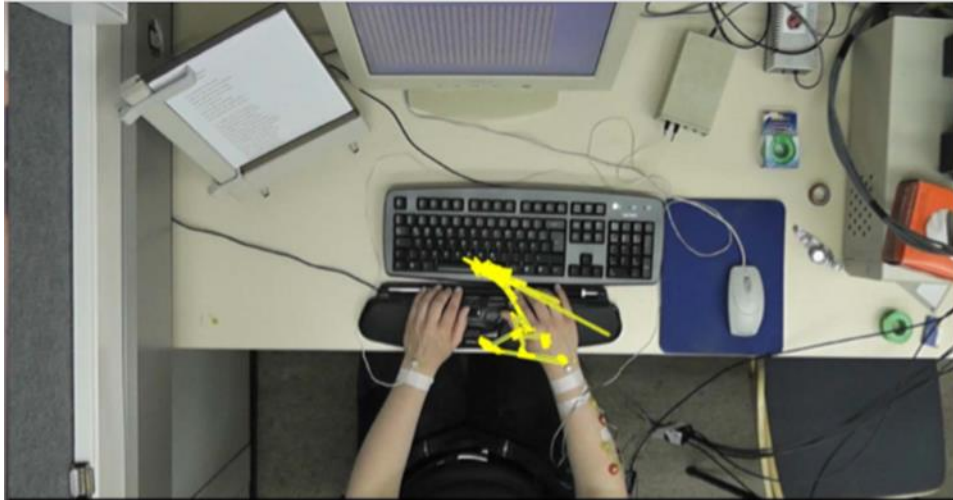




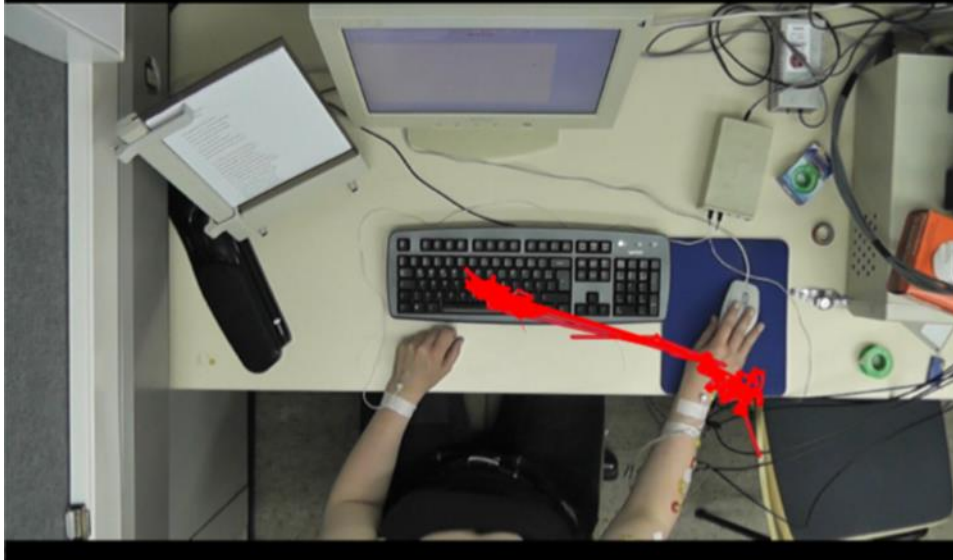
# Balance Keyboard reduces forward reach







Work Optimized with central pointing keeping hands in the optimal work zone directly in front of the operator.

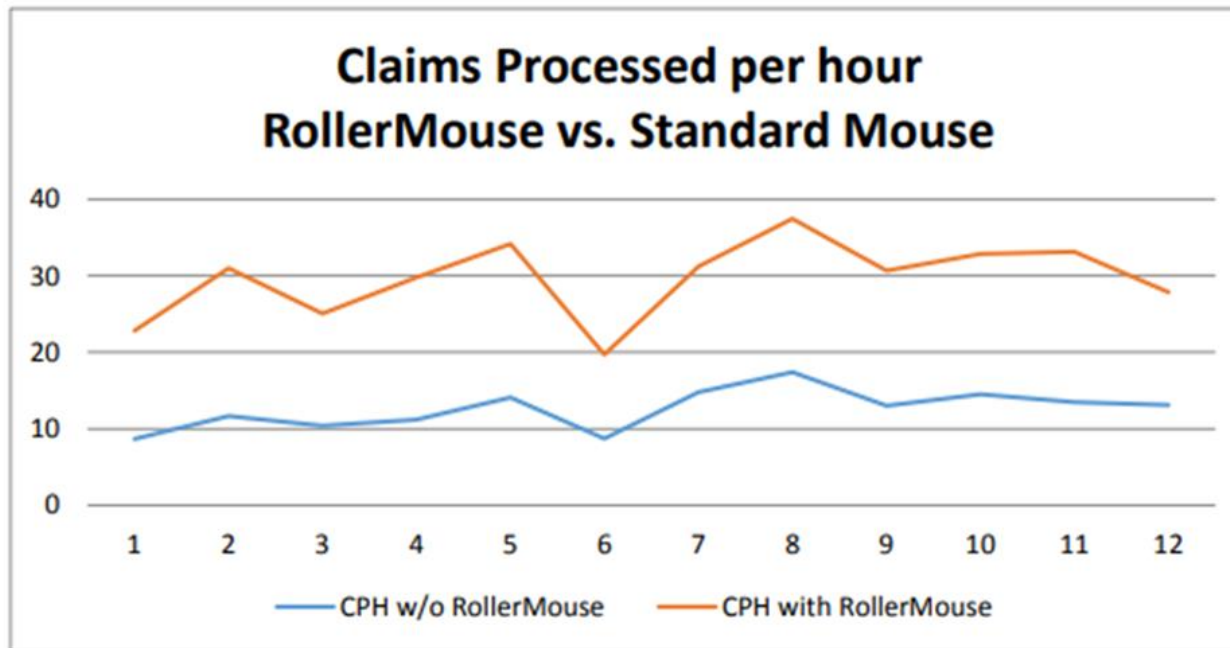


Reaching for a mouse can waste 1 hour / day

Non-value added motion away from center point

# Does the RollerMouse Measurably Improve Productivity in Account Processors? (10-25-16)

*Figure 1:* Results graph of data collected during the production rate (PR) condition on employees performing claims processing over a 30-day period



# Results:

## Results:

The collective action of moving the hand from keyboard position to mouse position, performing the desired mouse click(s), and returning to original position, proved to be quite costly. Subjects in (TL) averaged approximately 7.5 minutes/hour of lost time during this transition. This equated to roughly ***one hour of lost time per 8 hour shift using a standard hand-held mouse.***

Subjects in (PR) revealed a substantial improvement in CPH using the RollerMouse compared to using a standard mouse, ***averaging a 19% increase in CPH during RollerMouse use.***

# Conclusions:

Conclusion:

Investigators determined that **subjects using the RollerMouse were considerably more productive in processing their respective work,** and this attributed to the following:

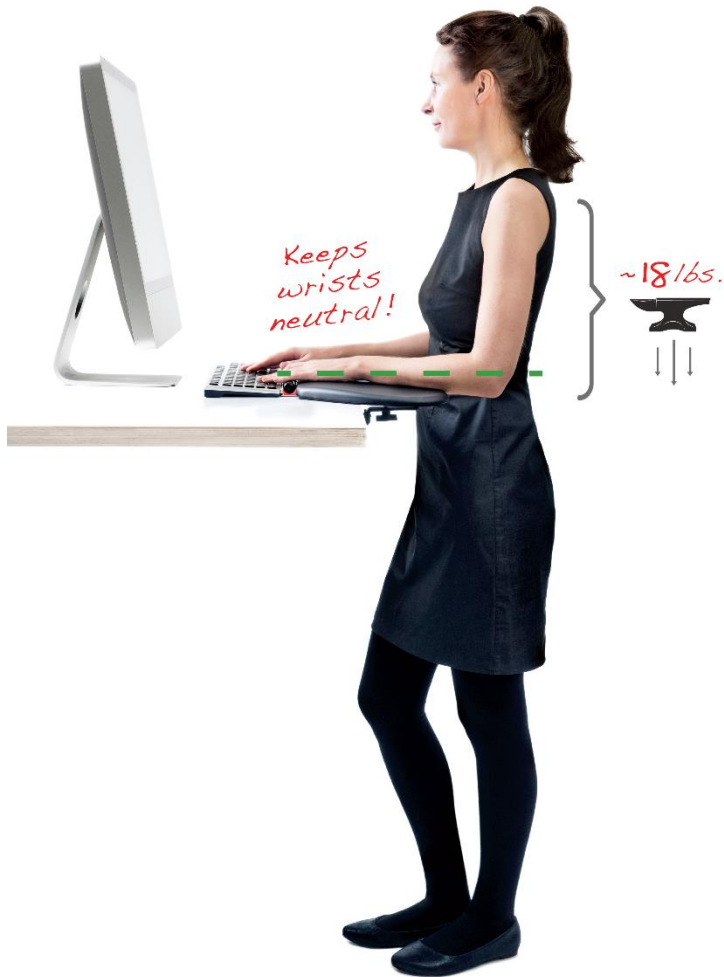
- Subjects were spending less time processing CPH using a RollerMouse compared to a standard mouse, due to:
  1. The central position of the RollerMouse in front of the keyboard, and
  2. Easy access to click action of the rollerbar.
- Subjects adapted to keyboard hotkey use most quickly using the RollerMouse by way of the mouse device positioned so close to the keyboard



# ArmSupport Red

Reduces shoulder and upper back load by 18-20 lbs. Each arm weighs average of 9-10 lbs which is offloaded to the forearm support.

Product easily clamps to the front edge of desks from 1 to 1.75 inches and is ideal for height adjustable workstations.



# ArmSupport Red



# Thank you for attending!



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