

777777 NATHACKS 2025

ergonomiq

2025



[WWW.ERGONOMIQ.DEV](http://WWW.ERGONOMIQ.DEV)

# The Problem

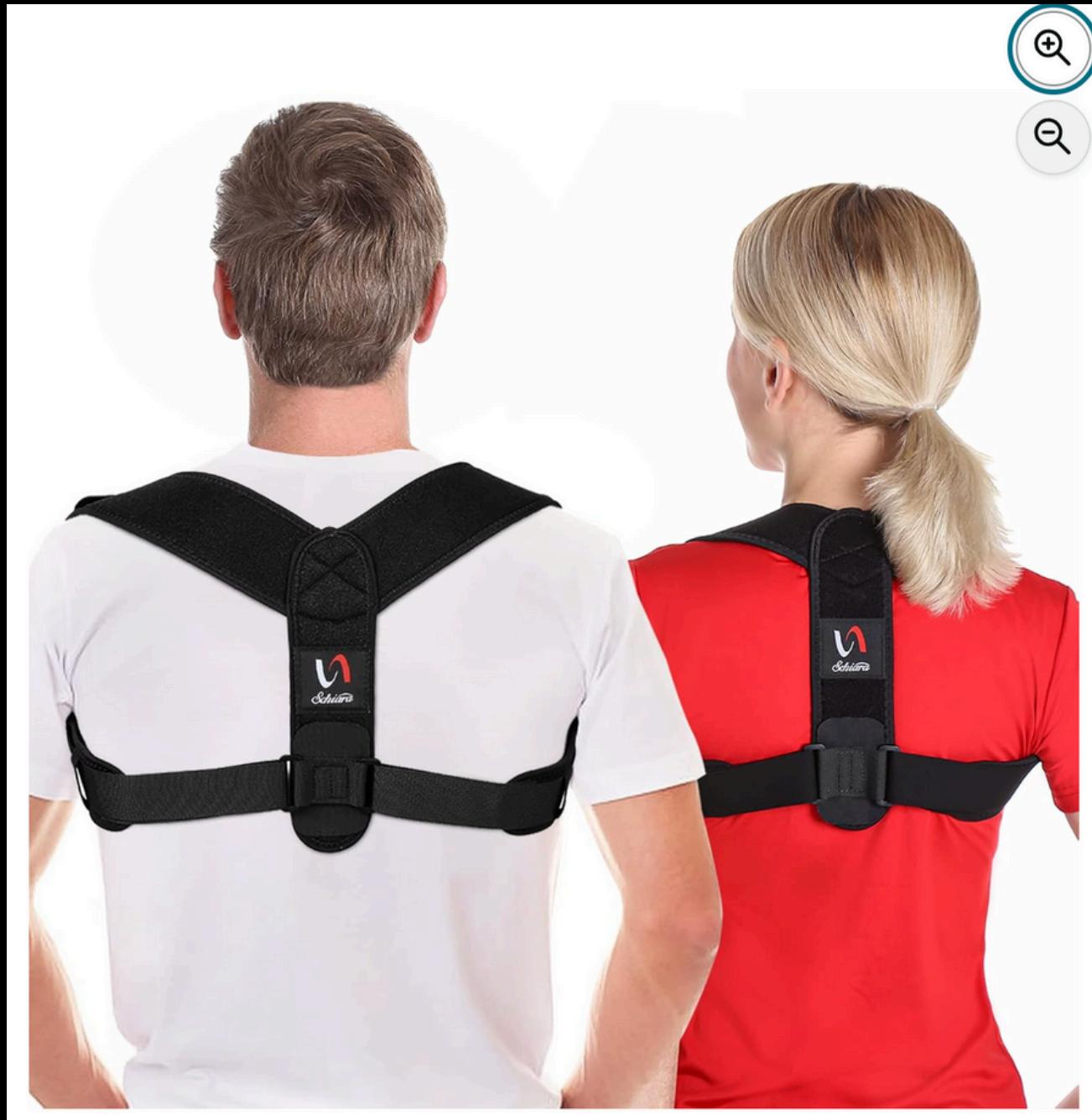
You're not alone, in fact **40%** of young adults also feel this[1]



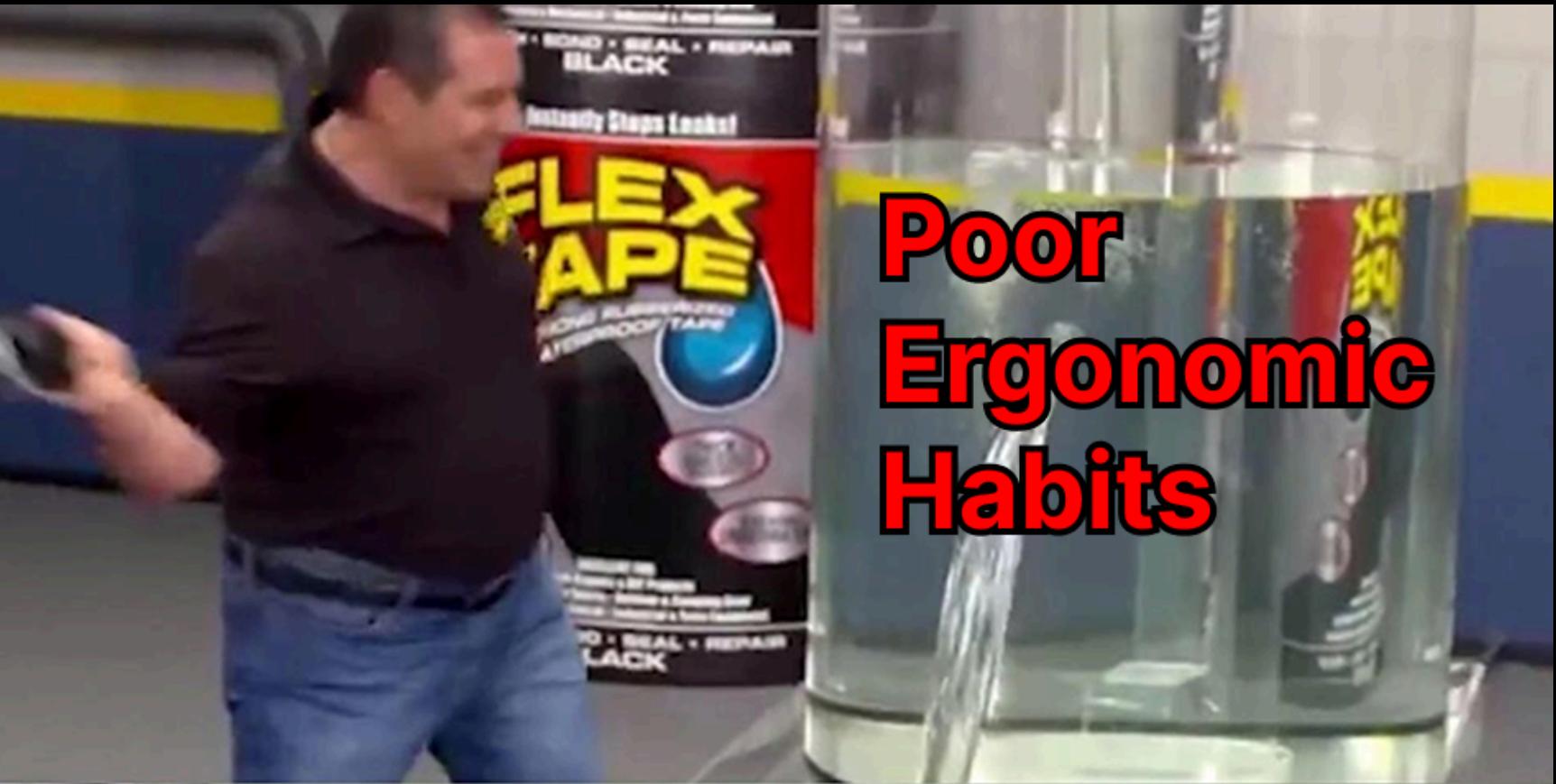
Wrist wrap (22\$) [2]



Wrist brace (\$210) [3]



Back brace (30\$) [4]



Poor  
Ergonomic  
Habits



Back brace +  
Wrist strap +  
Wrist brace

# Solution

# Bigger picture

Carpal tunnel + Slipped disc has a market cap of **9.48599B\$** with competition that hasn't changed to fit the growing problems. [5][6]

# UVP



Real time haptic feedback that corrects posture, fixing bad habits

# Our Product



Our product costs 20\$ to manufacture[7]

We are selling our product at 50\$ where our non-smart competitors are selling for 20\$- 200\$.

It costs 40 units to recoup losses, selling 60 units puts us at **3,000** dollars of revenue.

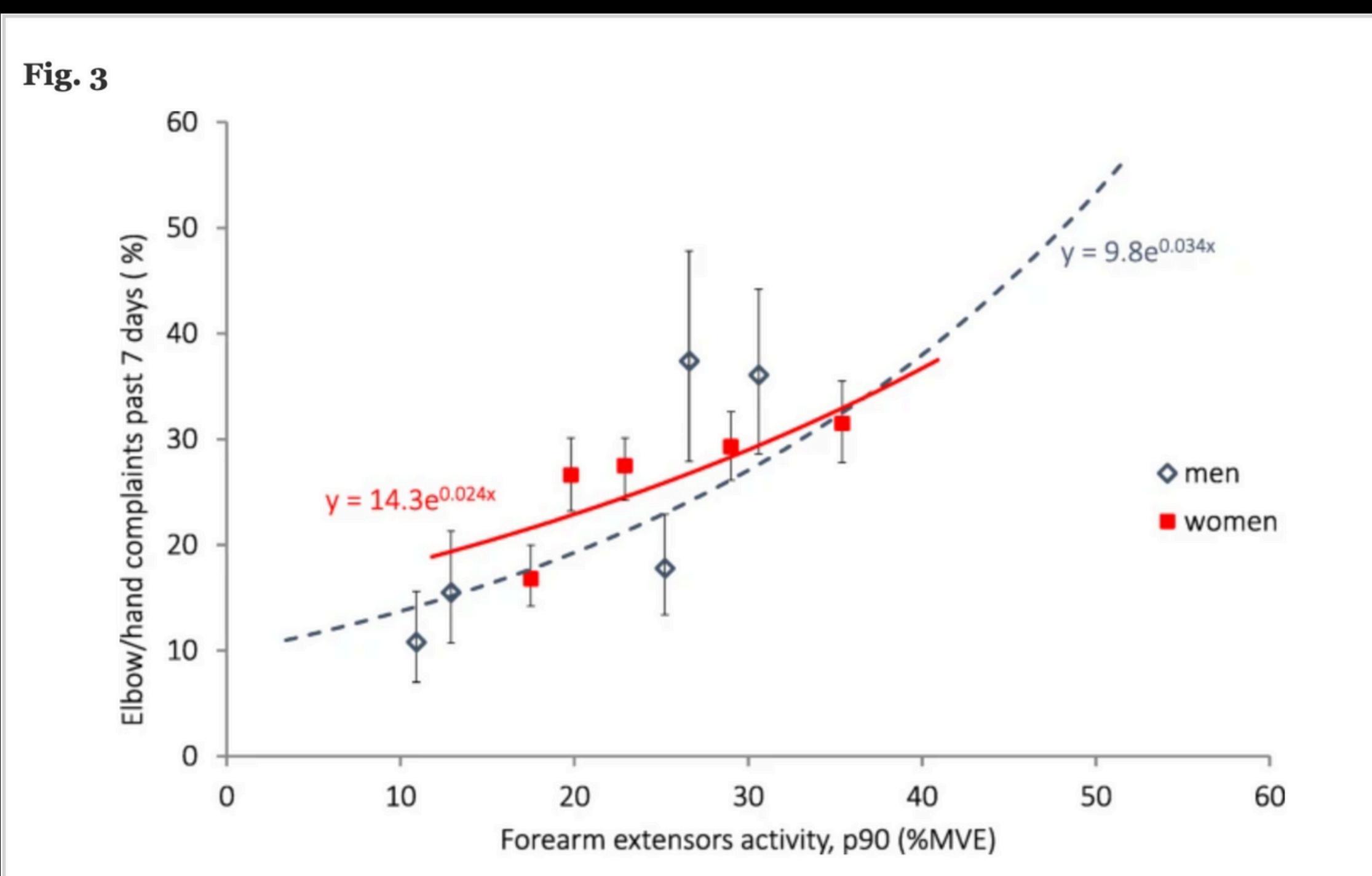
2025

thank you

# Appendix

[1]

[https://bmcmusculoskeletdisord.biomedcentral.com/articles/10.1186/s12891-019-2491-6?utm\\_source=chatgpt.com](https://bmcmusculoskeletdisord.biomedcentral.com/articles/10.1186/s12891-019-2491-6?utm_source=chatgpt.com) - Figure 3



[2]

[https://www.amazon.ca/Dr-Arthritis-Carpal-Tunnel-Wrist-Brace/dp/B072392YGD/ref=sr\\_1\\_8?dib=eyJ2ljoiMSJ9.SieCZok7zKVktWUTEjWyWtCp8jPXENcCOISyP7KE9xjPNRMmxkuvW9K4M7RFuuuldi-yct\\_DuvGDbj5wmftAF4usLrRI4jUeTYw-v1ViScx\\_MjnMQbB6aDa\\_uFnwBcEYNbQLFHI85DcO4SsYPZqrjePHbYdeI9ErLbQuJTskCP1WyMk55IKfnQ975q-CQ5kvZ79tVOPjQGIYTMG7isCA06X8O5sZ9DITJldDANEvFKwPkvnYQW7qGi7mh6lwPQaPrf\\_cVE2ibPjarYzCt91lt5TW7z62GIIaLcxZbdgCE.nfnuFJm\\_c0BUW1AyyI67uLboYNV2AODjFBtQvSpM&dib\\_tag=se&gad\\_source=1&hvadid=605546518077&hvdev=c&hvexpln=0&hvlocphy=9001286&hvnetw=g&hvocijid=1053767733721578631--&hvqmt=e&hvrand=1053767733721578631&hvtargid=kwd-97557515&hydadcr=19037\\_13436404&keywords=wrist%2Bwrap&mcid=2b2929527e573ed195b19dd0d5faa7a8&qid=1762783436&sr=8-8&th=1](https://www.amazon.ca/Dr-Arthritis-Carpal-Tunnel-Wrist-Brace/dp/B072392YGD/ref=sr_1_8?dib=eyJ2ljoiMSJ9.SieCZok7zKVktWUTEjWyWtCp8jPXENcCOISyP7KE9xjPNRMmxkuvW9K4M7RFuuuldi-yct_DuvGDbj5wmftAF4usLrRI4jUeTYw-v1ViScx_MjnMQbB6aDa_uFnwBcEYNbQLFHI85DcO4SsYPZqrjePHbYdeI9ErLbQuJTskCP1WyMk55IKfnQ975q-CQ5kvZ79tVOPjQGIYTMG7isCA06X8O5sZ9DITJldDANEvFKwPkvnYQW7qGi7mh6lwPQaPrf_cVE2ibPjarYzCt91lt5TW7z62GIIaLcxZbdgCE.nfnuFJm_c0BUW1AyyI67uLboYNV2AODjFBtQvSpM&dib_tag=se&gad_source=1&hvadid=605546518077&hvdev=c&hvexpln=0&hvlocphy=9001286&hvnetw=g&hvocijid=1053767733721578631--&hvqmt=e&hvrand=1053767733721578631&hvtargid=kwd-97557515&hydadcr=19037_13436404&keywords=wrist%2Bwrap&mcid=2b2929527e573ed195b19dd0d5faa7a8&qid=1762783436&sr=8-8&th=1)

[3]

[https://www.orthomed.ca/bauerfeind-manuloc?gad\\_source=1&gad\\_campaignid=21955907680&gbraid=0AAAAADv5ZbhNYTeE3kZ3KYu2GNa5zmZto&gclid=CjwKCAiAt8bIBhBpEiwAzH1w6cpfibYkO1opHfRUG7CznfqIkgBJ0zzLfwgoSJfljs5sGQ63WOYPJR0ClckQAvD\\_BwE](https://www.orthomed.ca/bauerfeind-manuloc?gad_source=1&gad_campaignid=21955907680&gbraid=0AAAAADv5ZbhNYTeE3kZ3KYu2GNa5zmZto&gclid=CjwKCAiAt8bIBhBpEiwAzH1w6cpfibYkO1opHfRUG7CznfqIkgBJ0zzLfwgoSJfljs5sGQ63WOYPJR0ClckQAvD_BwE)

[4]

[https://www.amazon.ca/Latest-Model-Posture-Corrector-Women/dp/B07VST9VYH/ref=sr\\_1\\_26?crid=23W6TOH8R9Y1F&dib=eyJ2ljoiMSJ9.m0TOKubFm8M6ET-PZCtib7LXqC3FF2wDLv7zb1BK1oRBxNEKfrL27jd2GLFoxge8j5kKWJ29LOUv\\_6ggRoq9aCnJq6cllpoxrhfxTUyukiOBi-7kiuWAiULAGQVEEnvr4-G0JzHyqau78I8BaP2z5gE-W3yS15IQG2phhPUW7Czm152Lqjm82AefxsVERWEiJn9TFDHNprMPnDnuTHQUAtwH1w0aGjIX8EVKx3hC-6bt7SmNR8FFpJ6M89uRaTn9pDpoX2rZOXTkPaJL-1CwxqWAKfHUhXtmmbbOT7tQVQ2A.tJNizhsn2tW7q7N336UQD4Ms1WFcqT9jeNmebfG8250&dib\\_tag=se&keywords=back+brace&qid=1762784022&sprefix=back+%2Caps%2C201&sr=8-26](https://www.amazon.ca/Latest-Model-Posture-Corrector-Women/dp/B07VST9VYH/ref=sr_1_26?crid=23W6TOH8R9Y1F&dib=eyJ2ljoiMSJ9.m0TOKubFm8M6ET-PZCtib7LXqC3FF2wDLv7zb1BK1oRBxNEKfrL27jd2GLFoxge8j5kKWJ29LOUv_6ggRoq9aCnJq6cllpoxrhfxTUyukiOBi-7kiuWAiULAGQVEEnvr4-G0JzHyqau78I8BaP2z5gE-W3yS15IQG2phhPUW7Czm152Lqjm82AefxsVERWEiJn9TFDHNprMPnDnuTHQUAtwH1w0aGjIX8EVKx3hC-6bt7SmNR8FFpJ6M89uRaTn9pDpoX2rZOXTkPaJL-1CwxqWAKfHUhXtmmbbOT7tQVQ2A.tJNizhsn2tW7q7N336UQD4Ms1WFcqT9jeNmebfG8250&dib_tag=se&keywords=back+brace&qid=1762784022&sprefix=back+%2Caps%2C201&sr=8-26)

[5]

[https://finance.yahoo.com/news/carpal-tunnel-syndrome-market-size-140500382.html?  
guccounter=1&guce\\_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce\\_referrer\\_sig=AQAAAMZWsd1V6PQphiDzVDnlvp5xsVg84i9m4ZhYwBG7fguQaMI8dstdLKhyuwyEgtfn7FhgB8Bo9IYtdT7IBbnedl7DVej8uYOImSuAIY94G7AM0vNBgca6xeOW-EKfBTZXuh-ii1icHipykfqTCMqY89Qy0Ry8I03swna6QsgR9](https://finance.yahoo.com/news/carpal-tunnel-syndrome-market-size-140500382.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce_referrer_sig=AQAAAMZWsd1V6PQphiDzVDnlvp5xsVg84i9m4ZhYwBG7fguQaMI8dstdLKhyuwyEgtfn7FhgB8Bo9IYtdT7IBbnedl7DVej8uYOImSuAIY94G7AM0vNBgca6xeOW-EKfBTZXuh-ii1icHipykfqTCMqY89Qy0Ry8I03swna6QsgR9)

[6]

<https://www.globenewswire.com/news-release/2024/12/05/2992239/28124/en/Slip-Disc-Market-Report-2018-2023-2023-2028F-2033F.html>

[7]

0.577 (MC) + IMU (3.160) + BLE (9.970) + Misc (3) = 16.707 + manufacturing 3.70\$ total 20.407\$