

#### INTRODUCTION

#### TODAY'S PRESENTER



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**Avient Corporation** 



#### THE USER EXPERIENCE

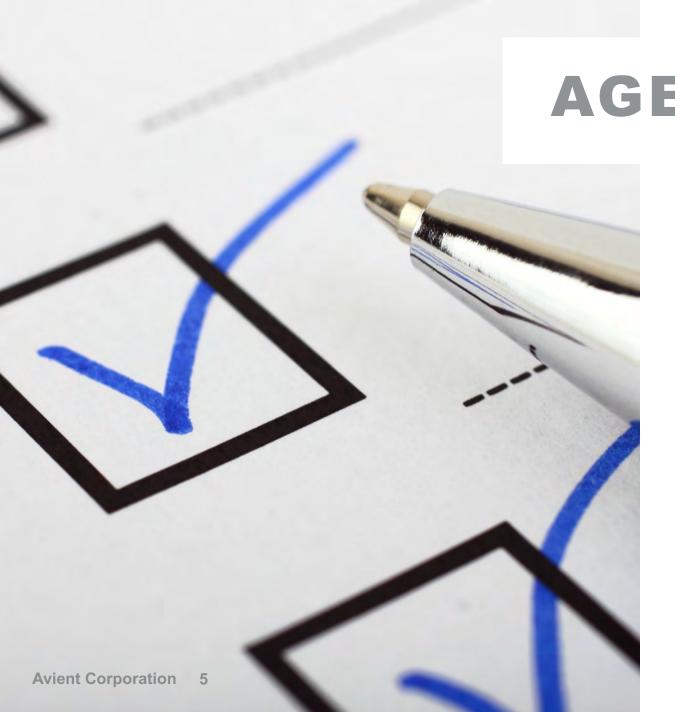
Think of 2 products with an unexpected user experience

Something with a positive experience

Something with a negative experience







AGENDA

- What is usability?
- Why is usability important?
- The design process for improving usability
- Methods to validate concepts









- How you set up your workstation...
- Those keyboard and mouse wrist rests...



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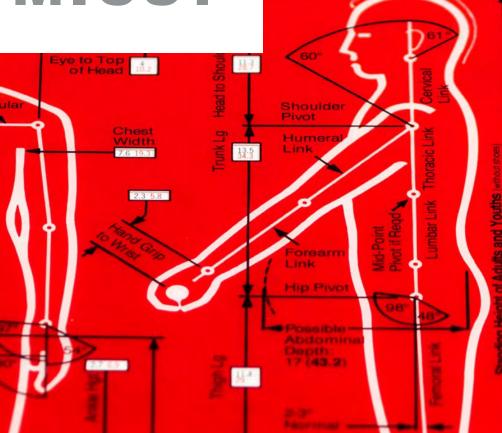
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### WHAT IS ERGONOMICS?

How you set up your workstation...

Those keyboard and mouse wrist rests...

• Those "Humanscale" slide cards from college...



### WHAT IS ERGONOMICS?

Interaction between Human and **Product** 

- Increase intuitiveness
- Reduce human error

















#### Why is it important?

- Bonus learning...
- 55% of the end-users were female













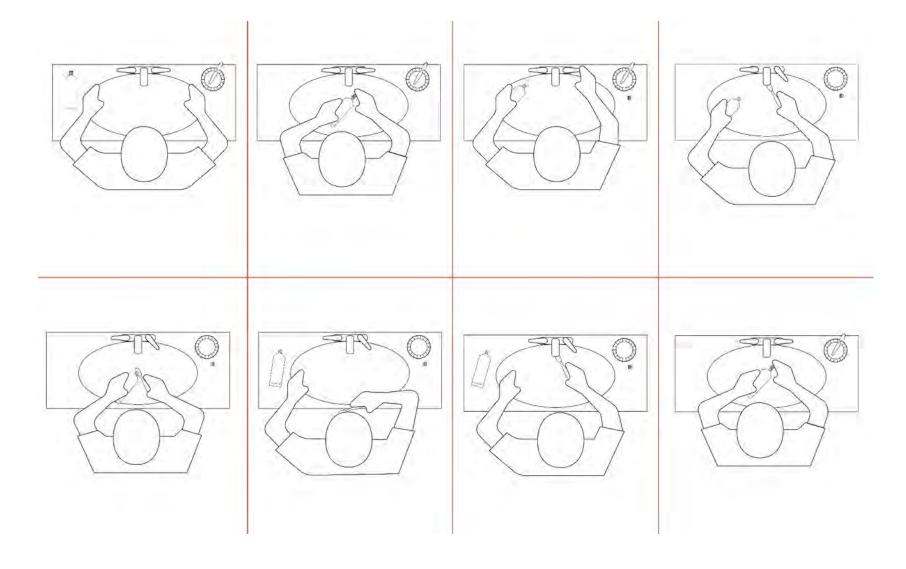








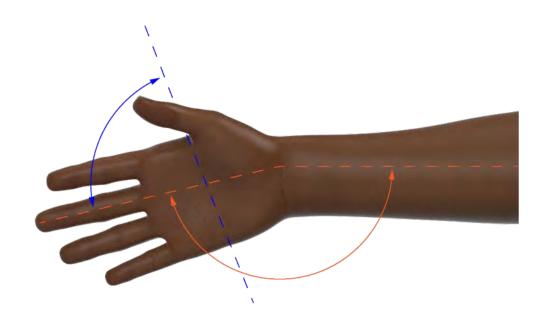
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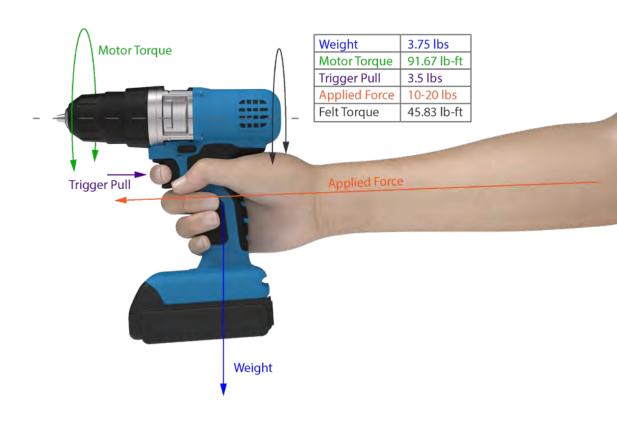




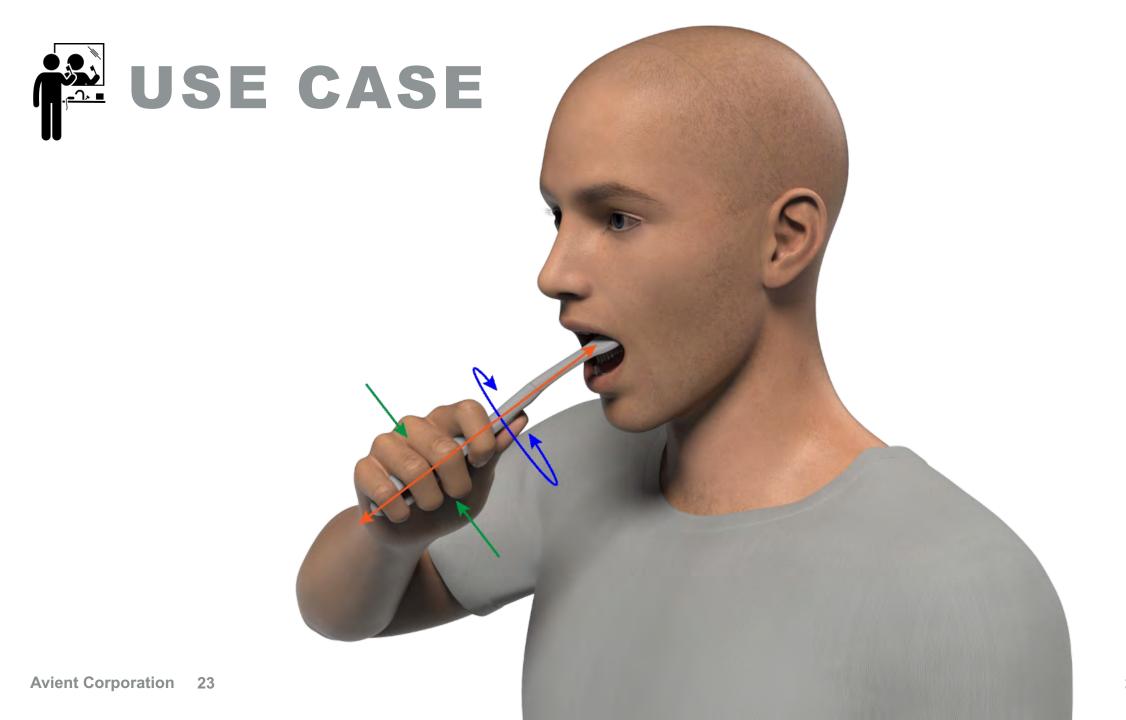


### USE CASE





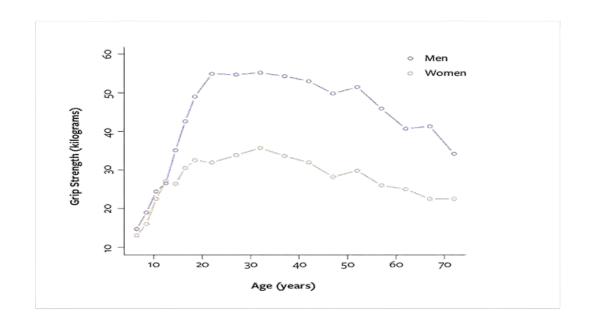


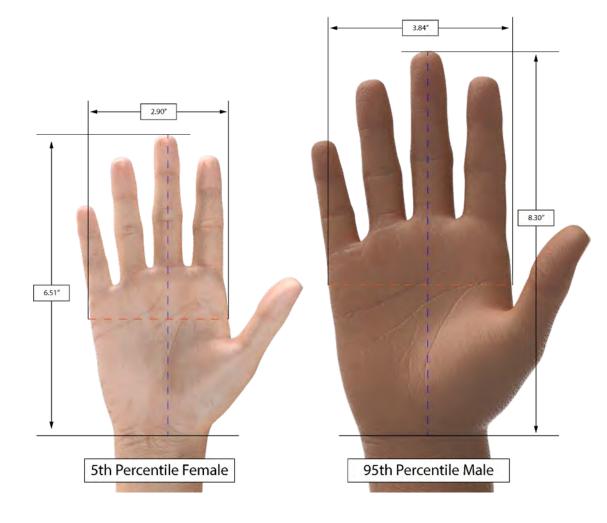






## 4 USER



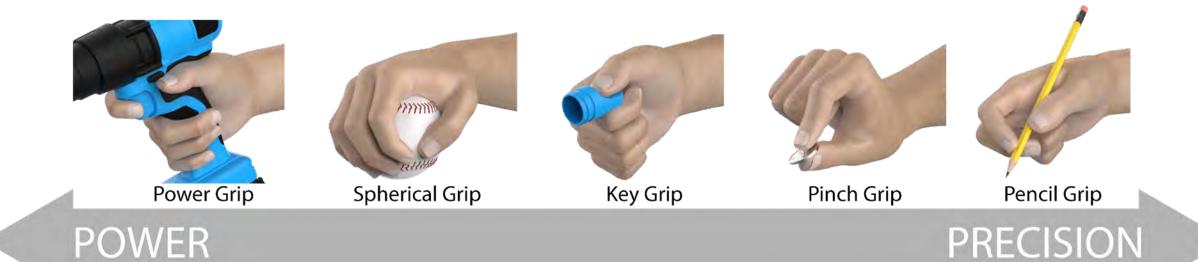




















**Novice User** 





**Professional User** 

















### GRIP MATERIAL



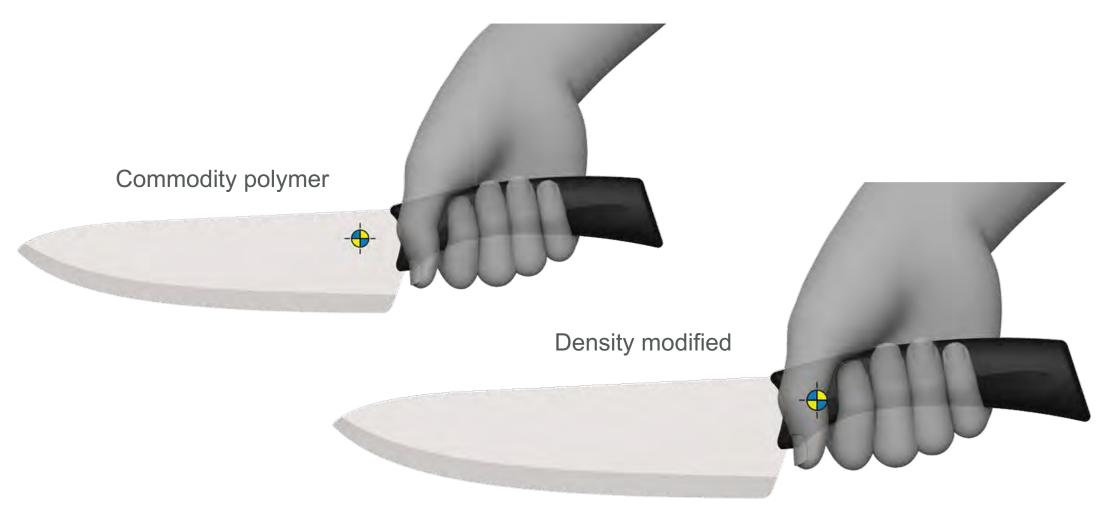








## GRIP MATERIAL







## GRIP MATERIAL





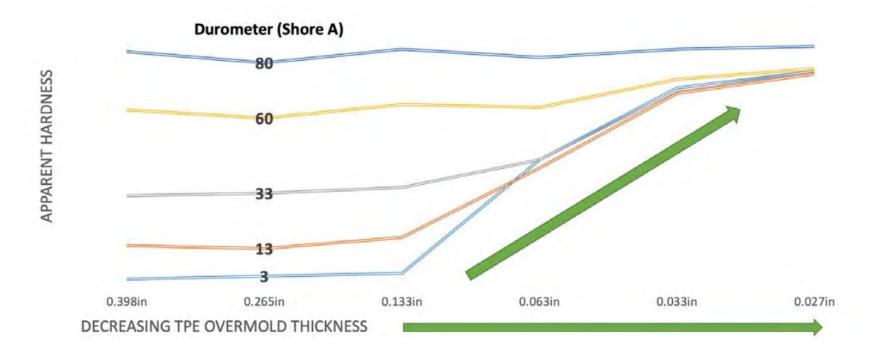










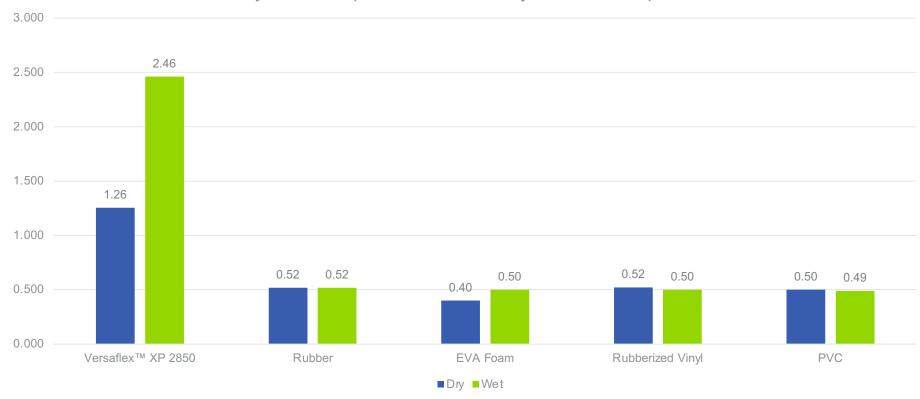






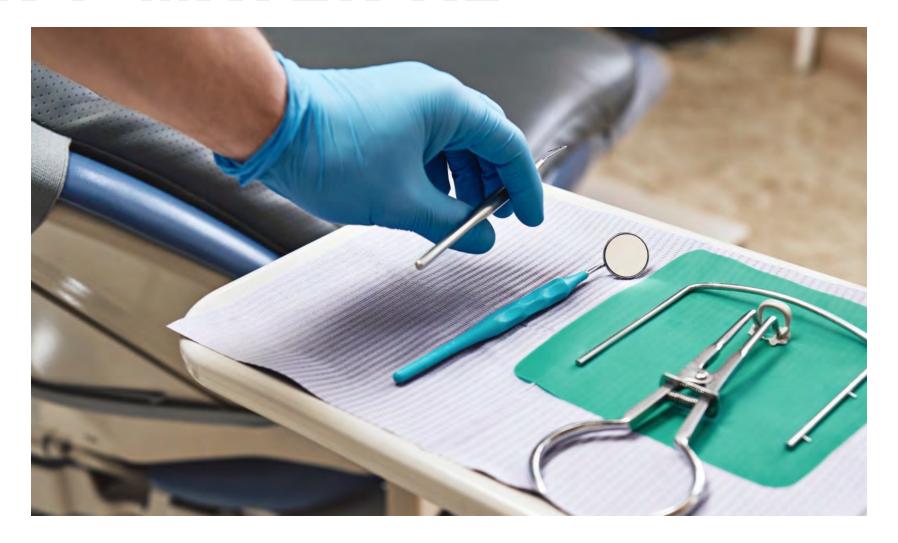
























#### **BEYOND GRIP**





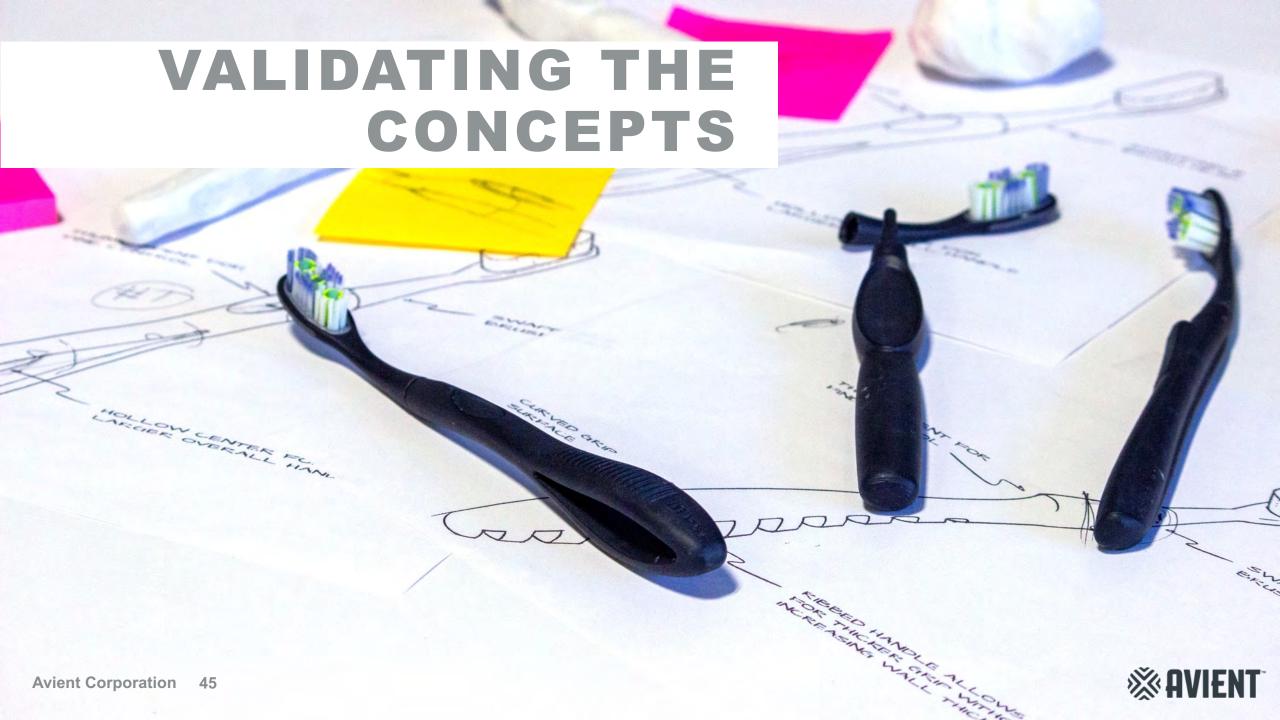


**AUDITORY** 

**HAPTICS** 

**VISUAL** 







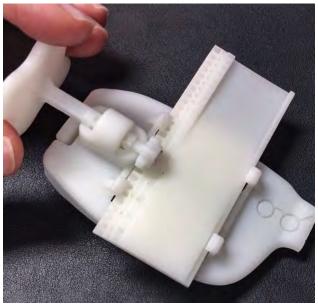






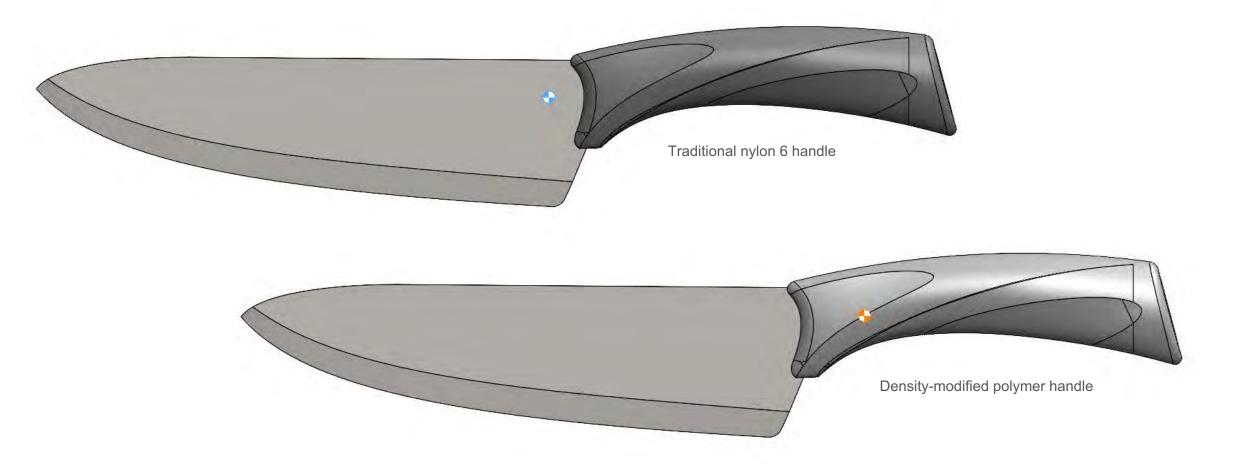




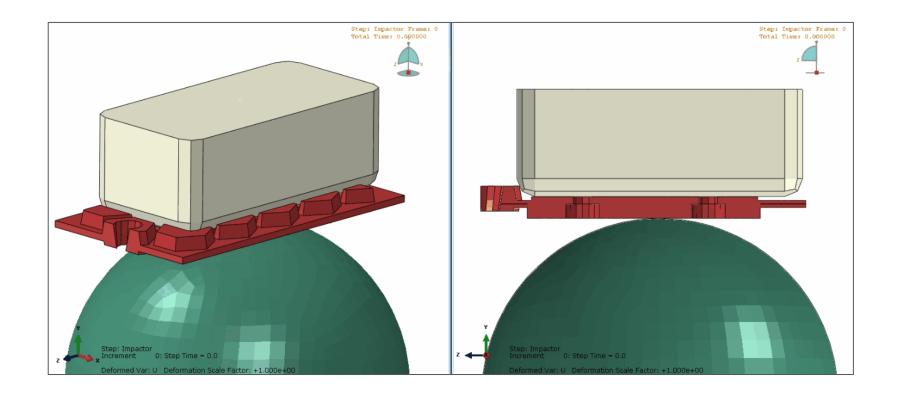






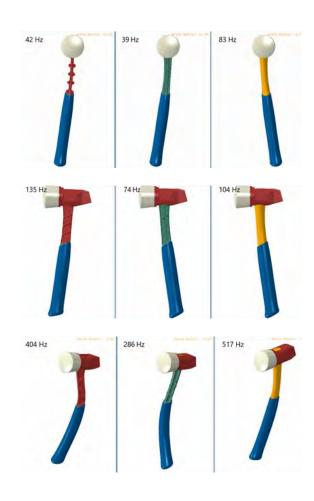


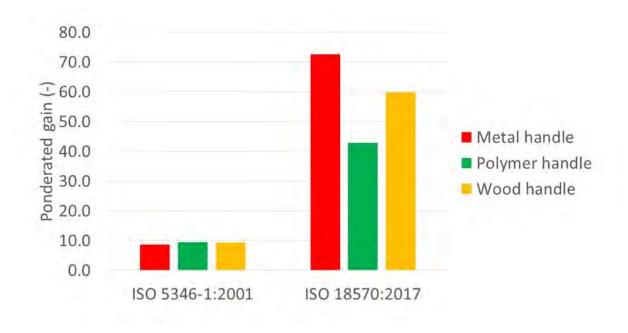














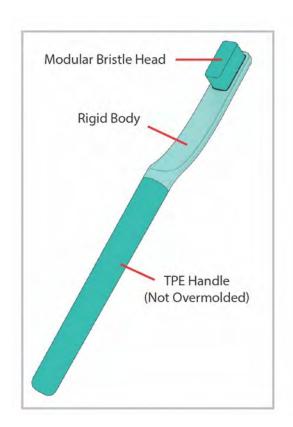
# USABILITY FOR THE ENVIRONMENT



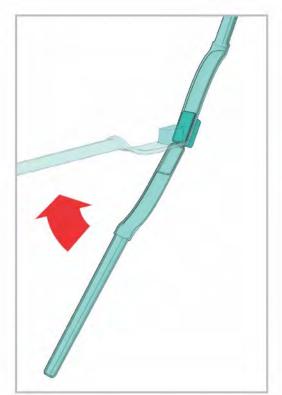
**USABILITY FOR THE ENVIRONMENT** 

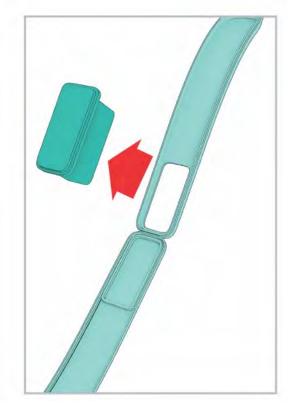


#### **USABILITY FOR THE** ENVIRONMENT











#### **USABILITY FOR THE** ENVIRONMENT







- Product Design Process
  - Use case
  - User
  - Grip
  - Grip material
  - Haptics, visuals and auditory
- Validating the concepts
- Usability for the environment



#### THE CHOICE IS UP TO YOU







## THANK YOU

Josh Leedle

www.avient.com

