

INTRODUCTION

TODAY'S PRESENTER



Josh Leedle

Senior Industrial Designer

Avient Corporation



THE USER EXPERIENCE

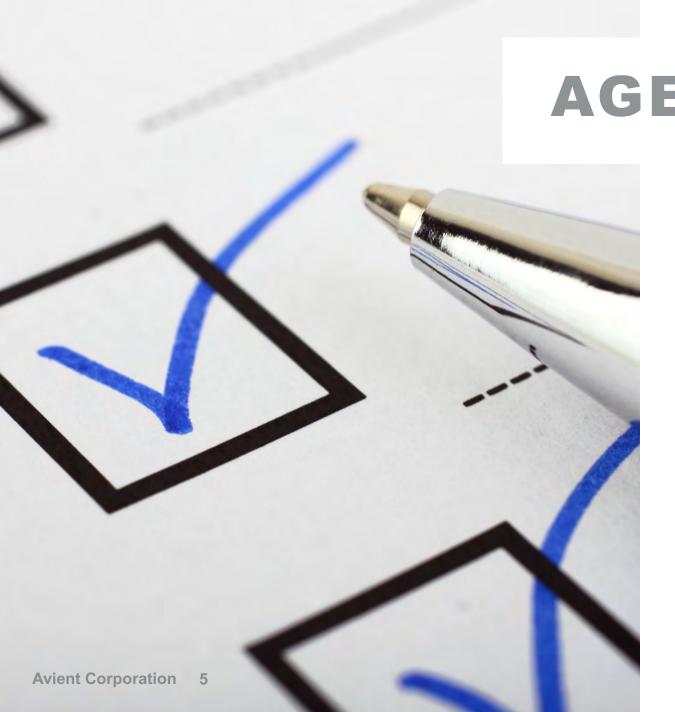
Think of 2 products with an unexpected user experience

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









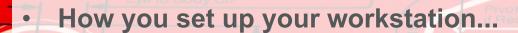
- How you set up your workstation...
- Those keyboard and mouse wrist rests...



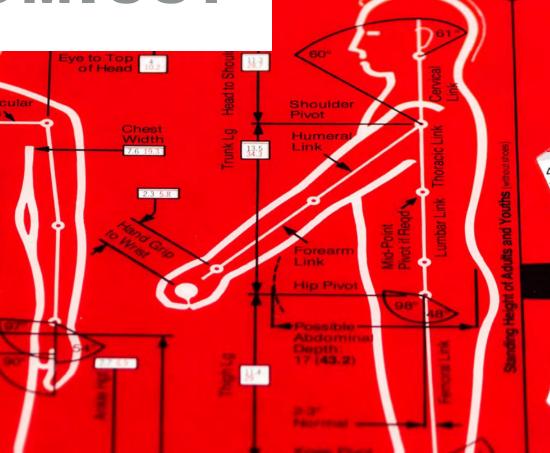
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WHAT IS ERGONOMICS?



- 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













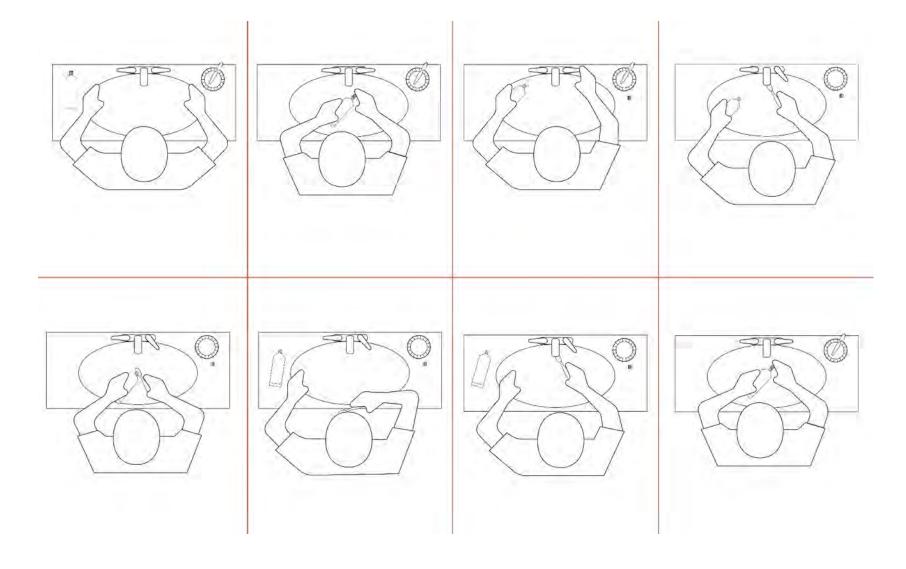








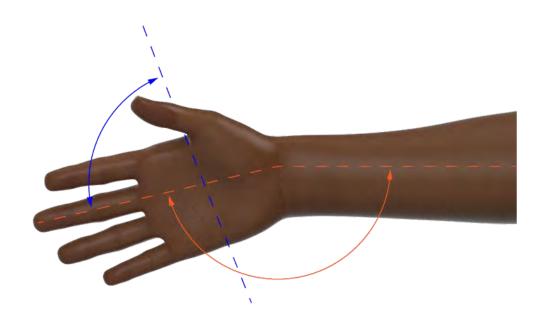
USE CASE

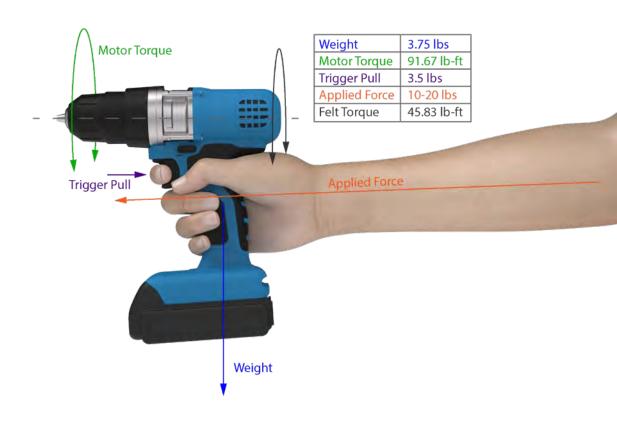




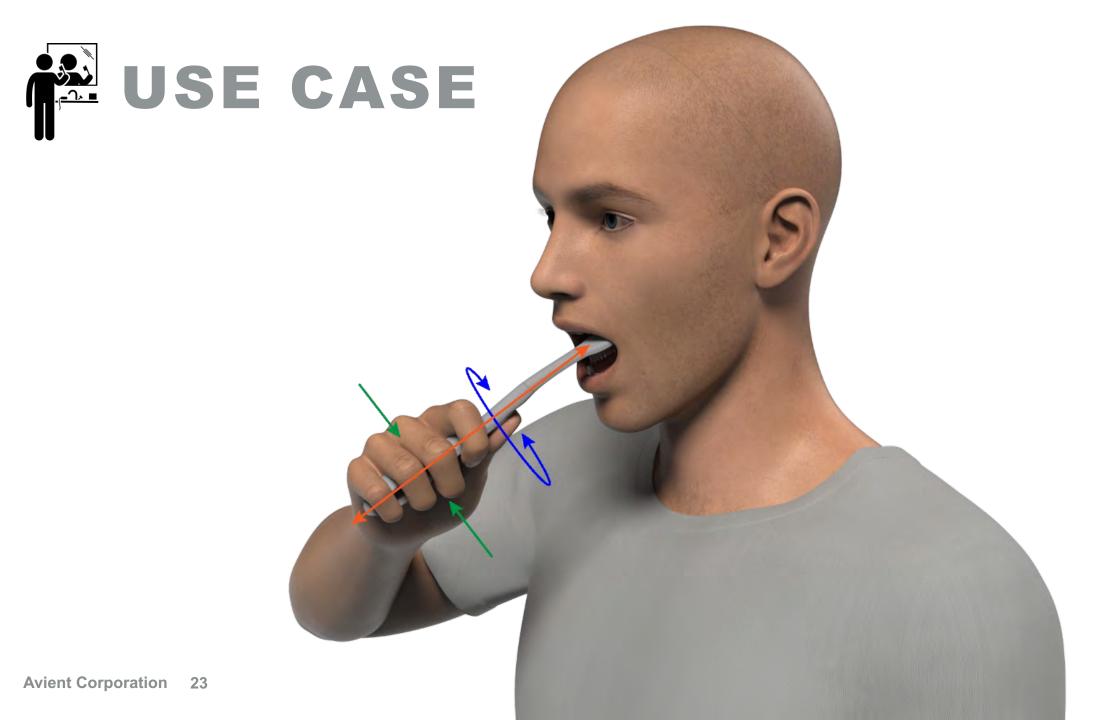


USE CASE





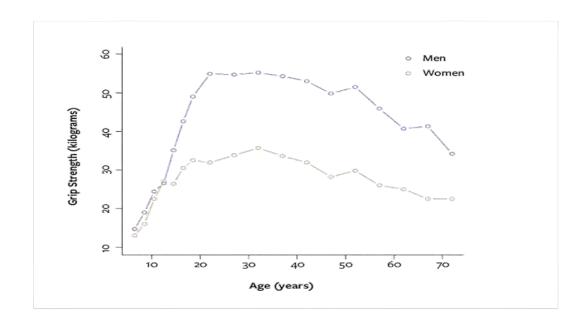


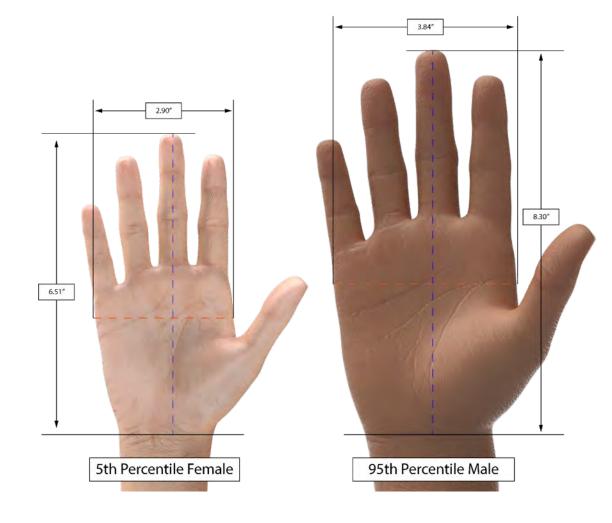






4 USER



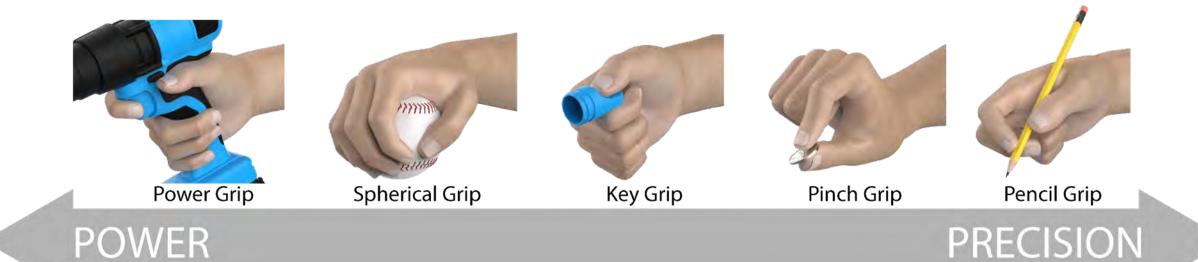




















Novice User





Professional User

















GRIP MATERIAL



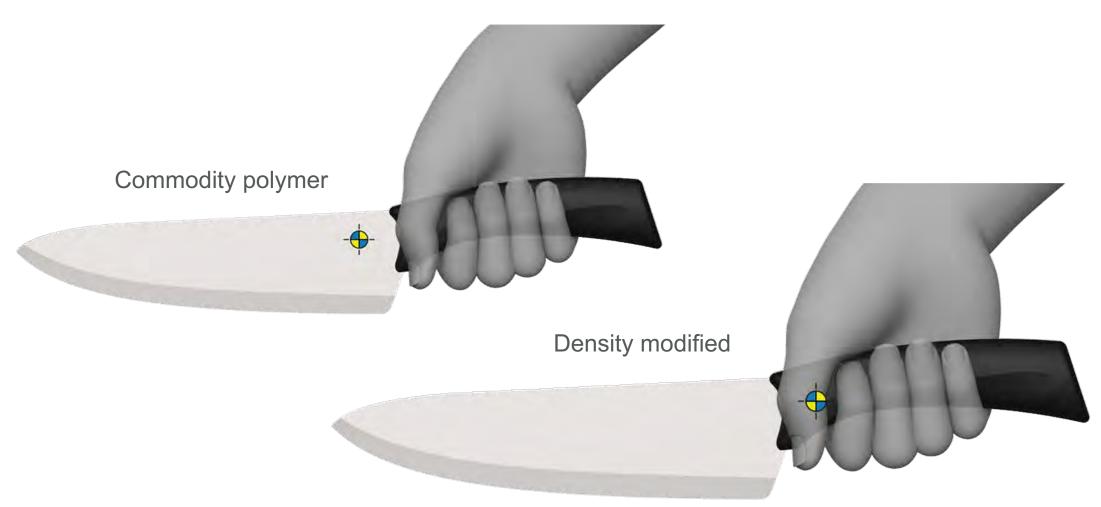








GRIP MATERIAL







GRIP MATERIAL





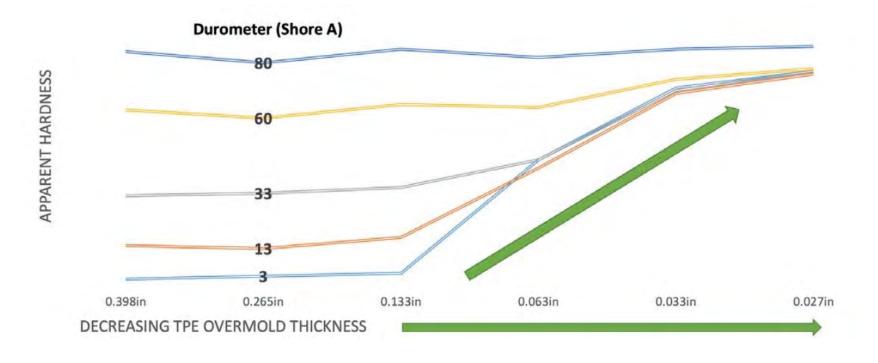










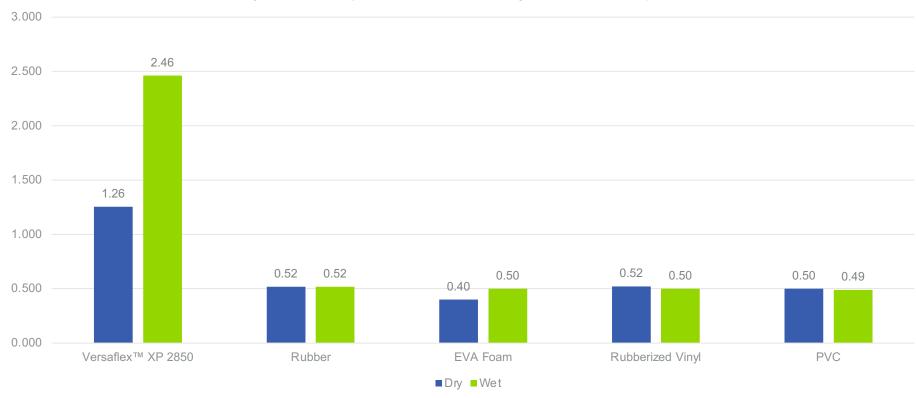






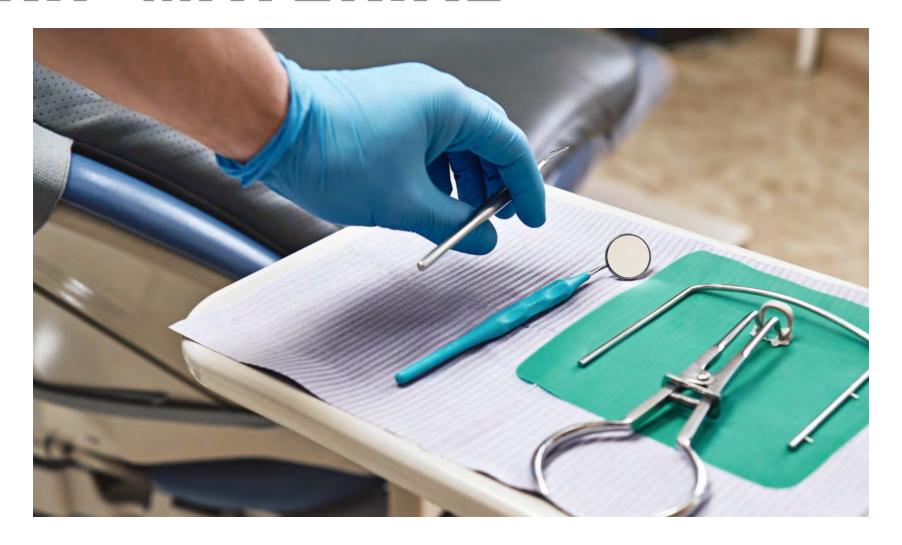
























BEYOND GRIP





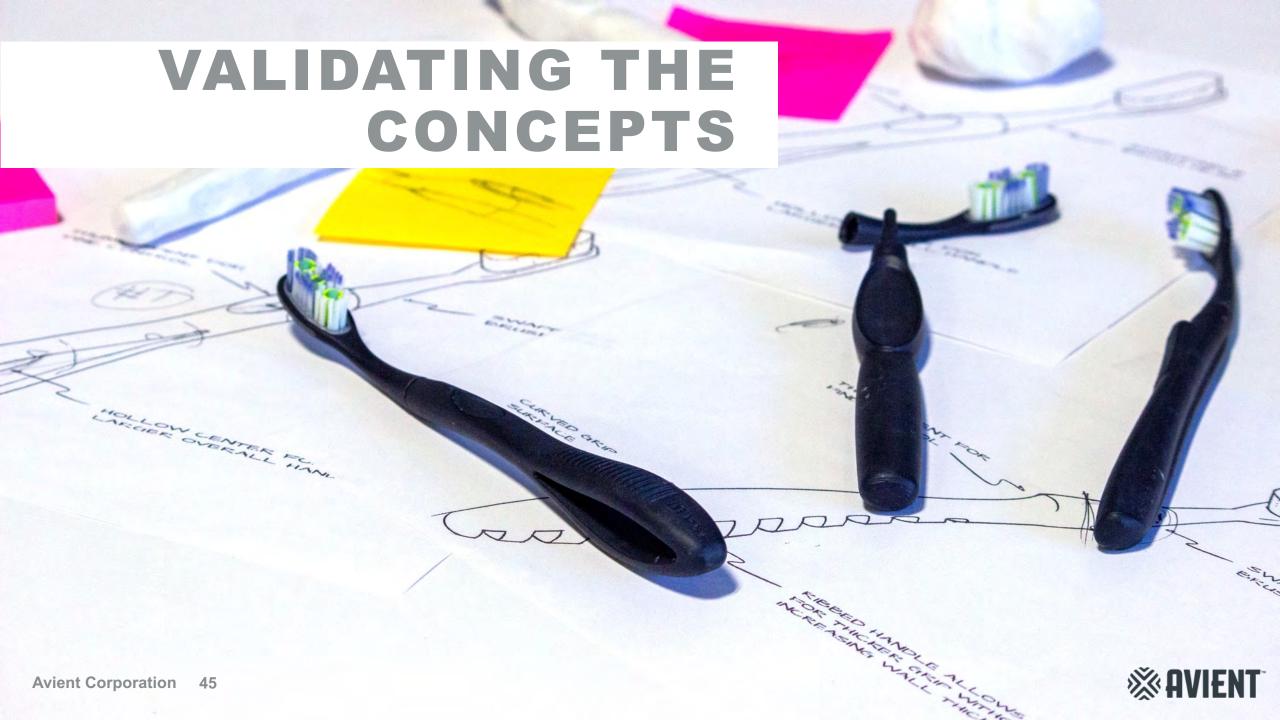


AUDITORY

HAPTICS

VISUAL







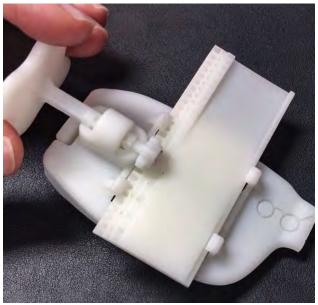


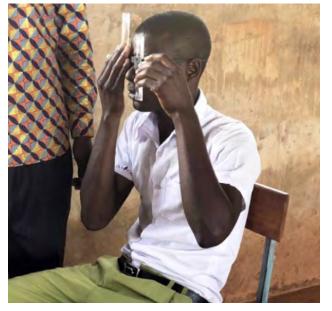




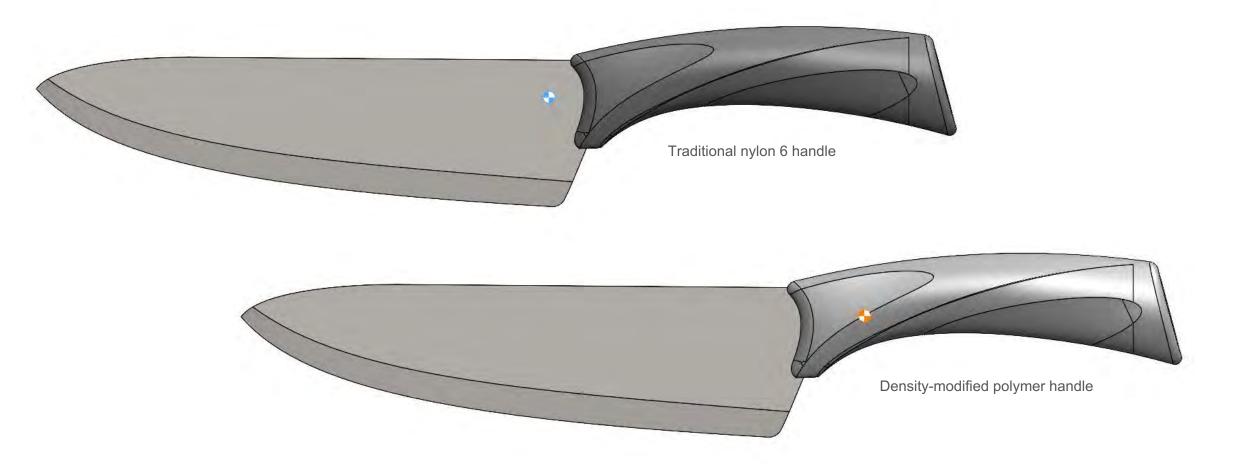




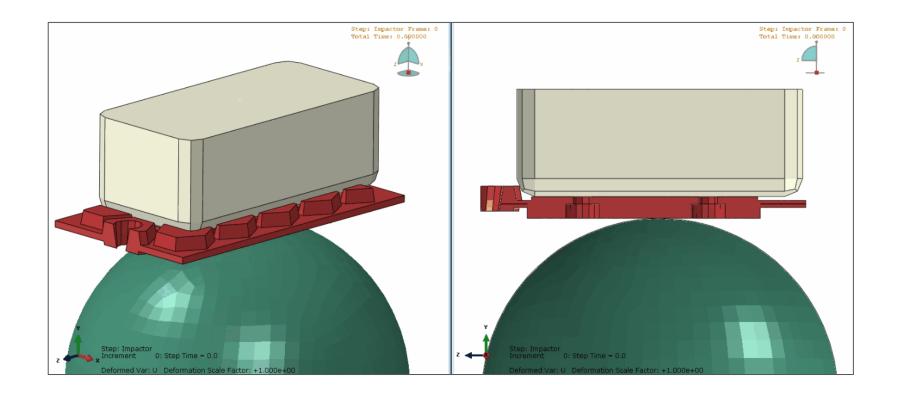






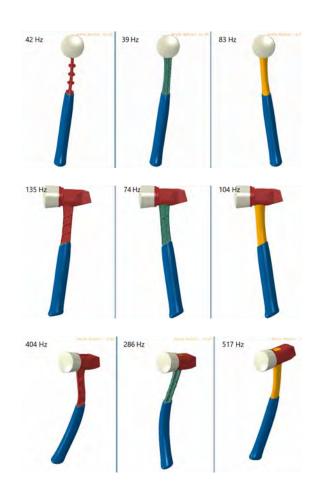


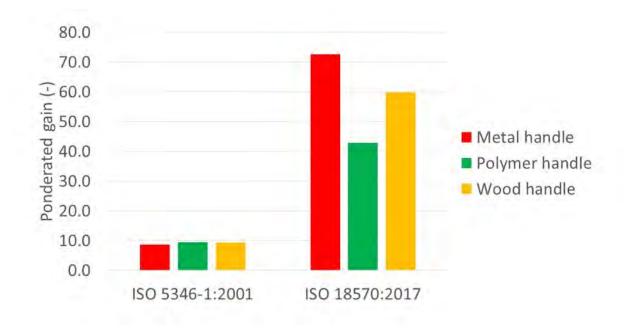














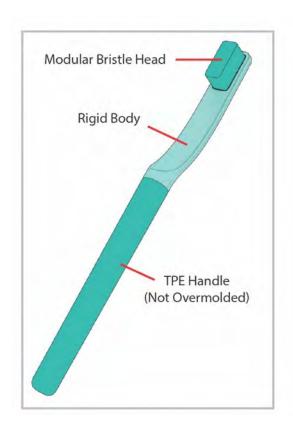
USABILITY FOR THE ENVIRONMENT



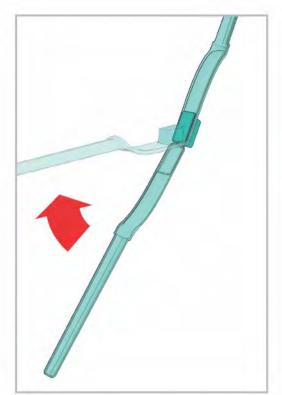
USABILITY FOR THE ENVIRONMENT

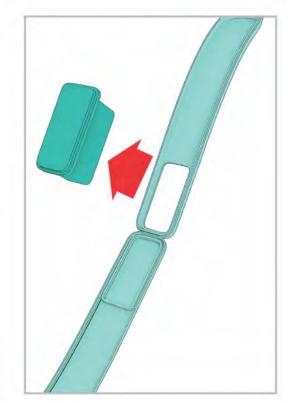


USABILITY FOR THE ENVIRONMENT











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

