

# Prototyping | fun & non-conventional ways of painting

HEAD x Caran D'Ache

## Key Insights on fun/ non-conventional ways of painting:

- painting/coloring should be fun and not stressful
  - the unexpected is the reward
  - expression and relaxation are important
  - the journey and the process play a major role
- some like rules or a framework but also freedom within it

iHeart

«Using the heart as ink and the  
body as pen»

What: bpm drawing device

Who: those that enjoy art as an  
expression medium

Where: Indoors

How: Hand gestures/ bpm  
values



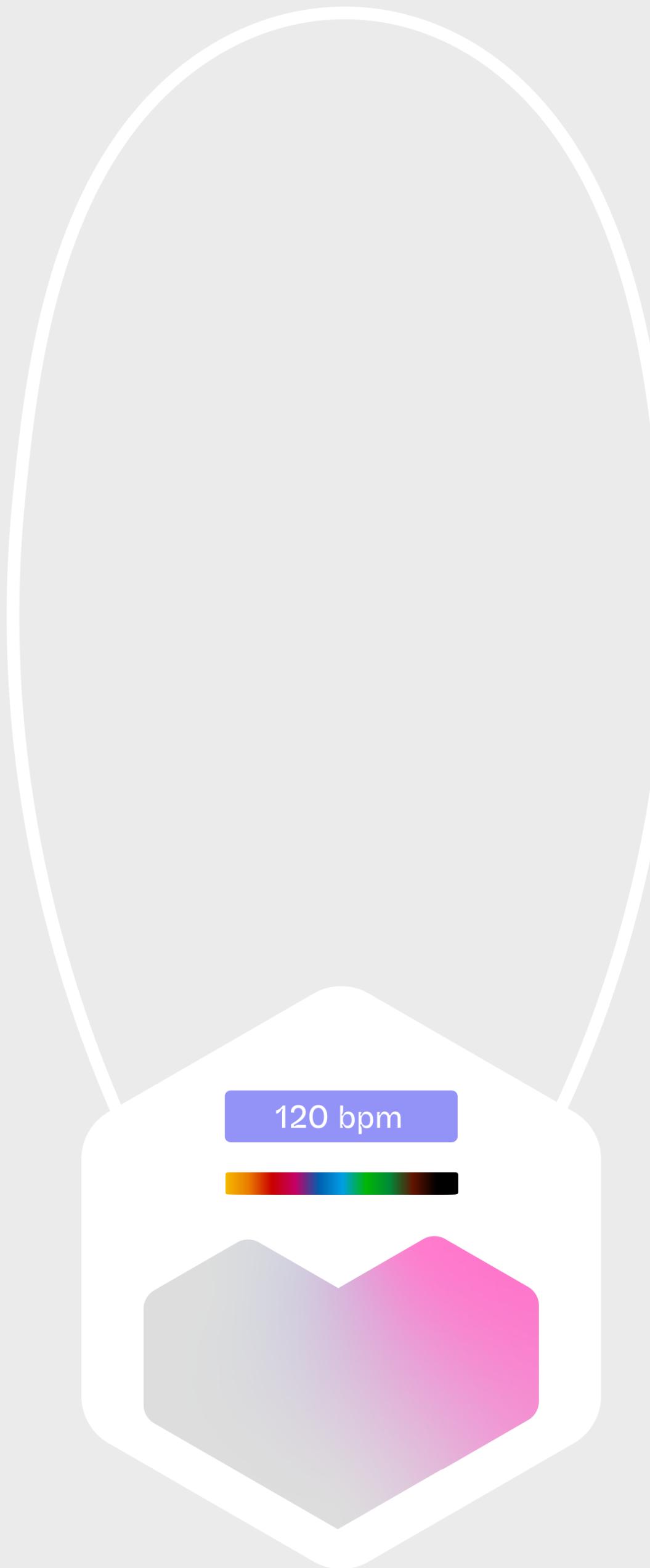
1. Adjustable cord

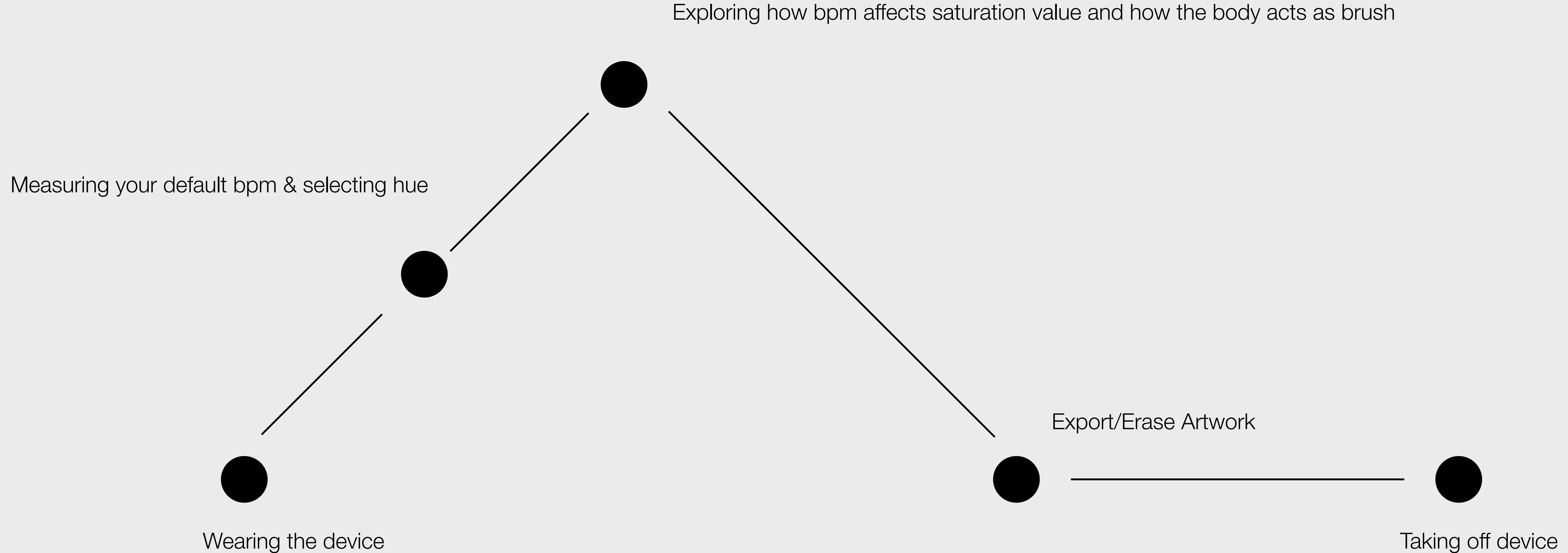
2. BPM Monitor

3. Hue picker

4. Gradient Light

1. Activate device by long pressing the heart.
2. Wear the necklace; your bpm will be measured
3. Select the color you want to paint with
4. Discover the different saturation values by moving your body
5. Use your hands as brushes to paint on a virtual canvas
6. Double Tap the heart to erase artwork and deactivate device by long pressing the heart

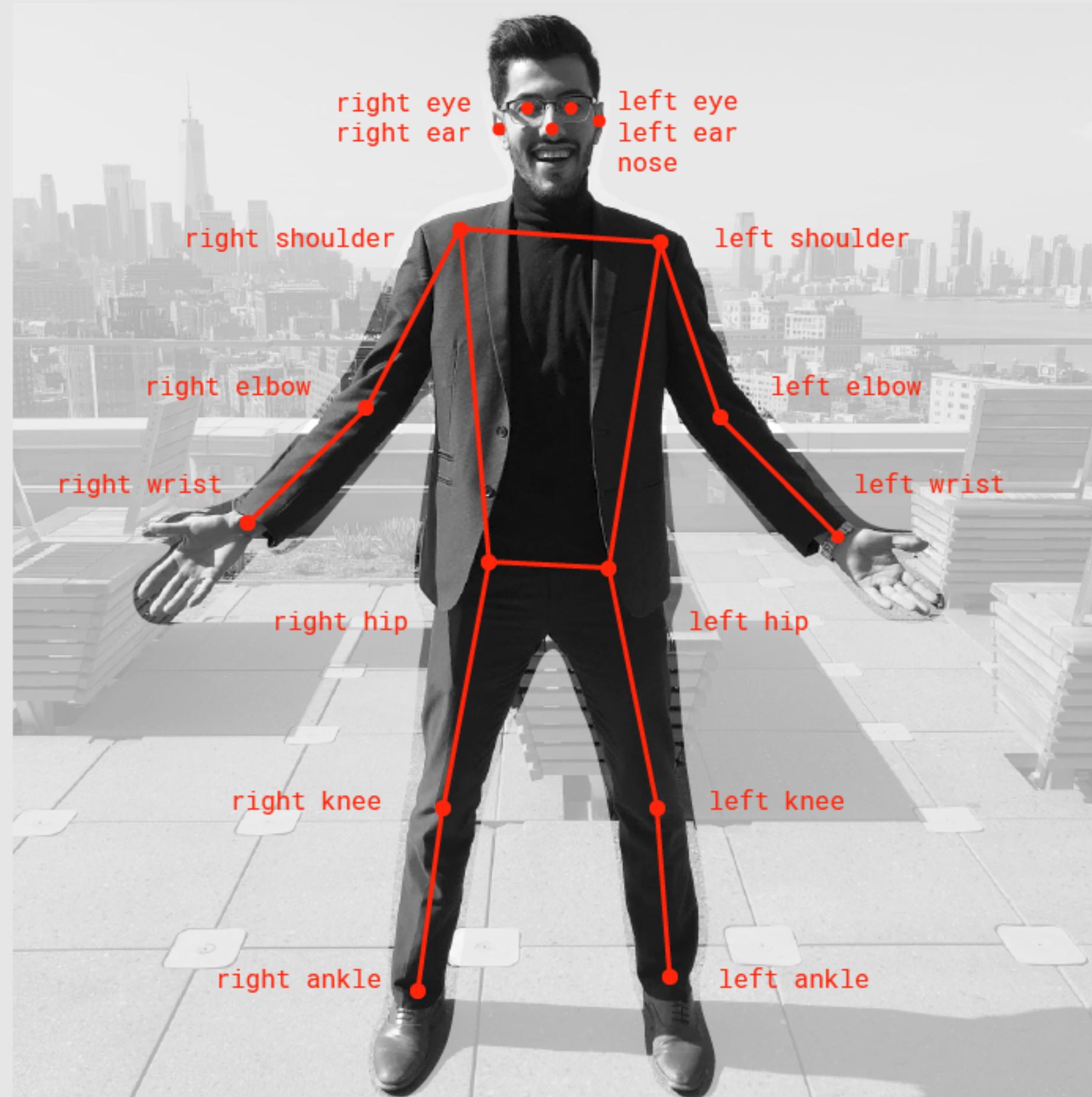




# Prototypes:



## 17 Pose Keypoints Returned by PoseNet





if I'm 20 y.o. with a 170 bpm rate (average rate)

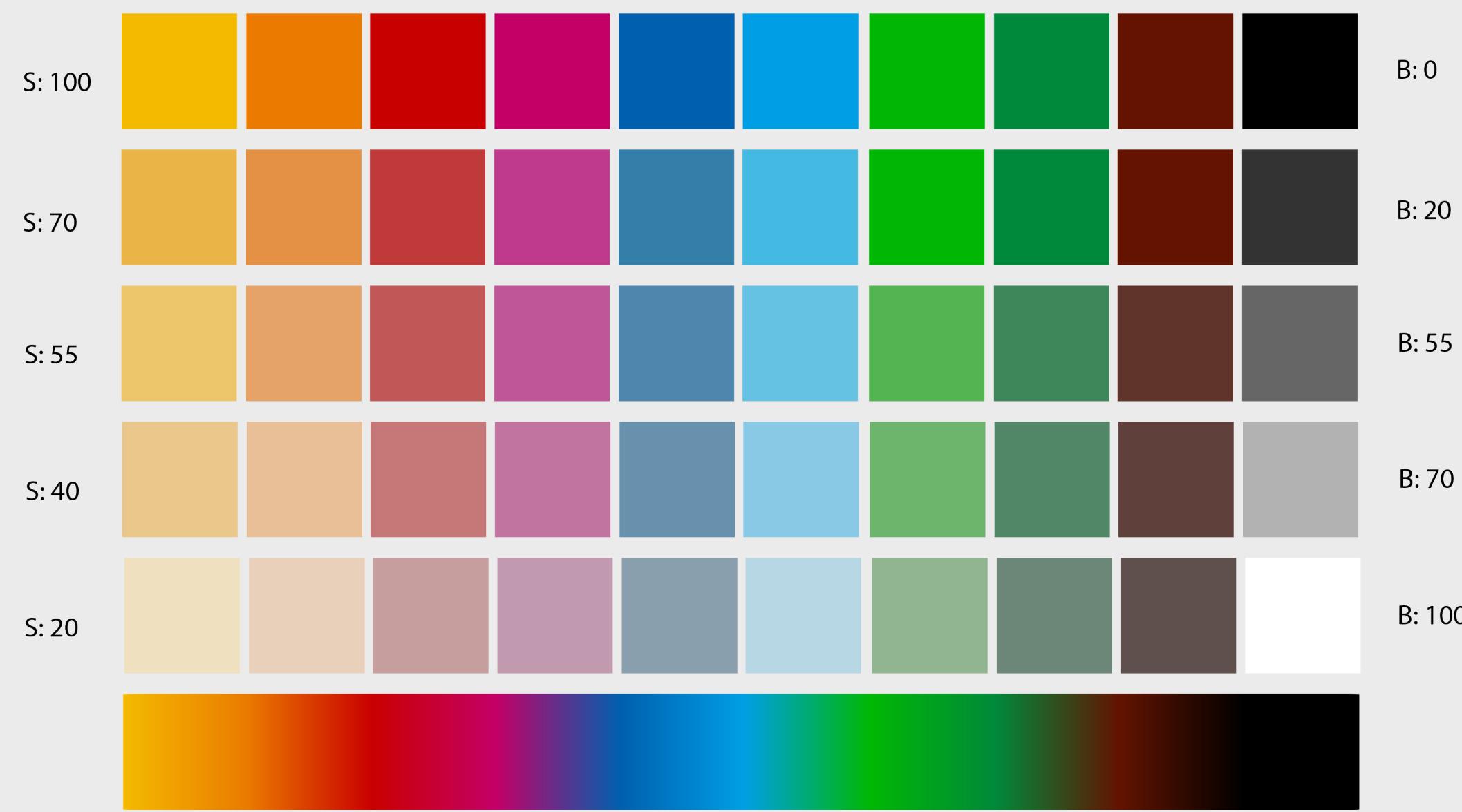
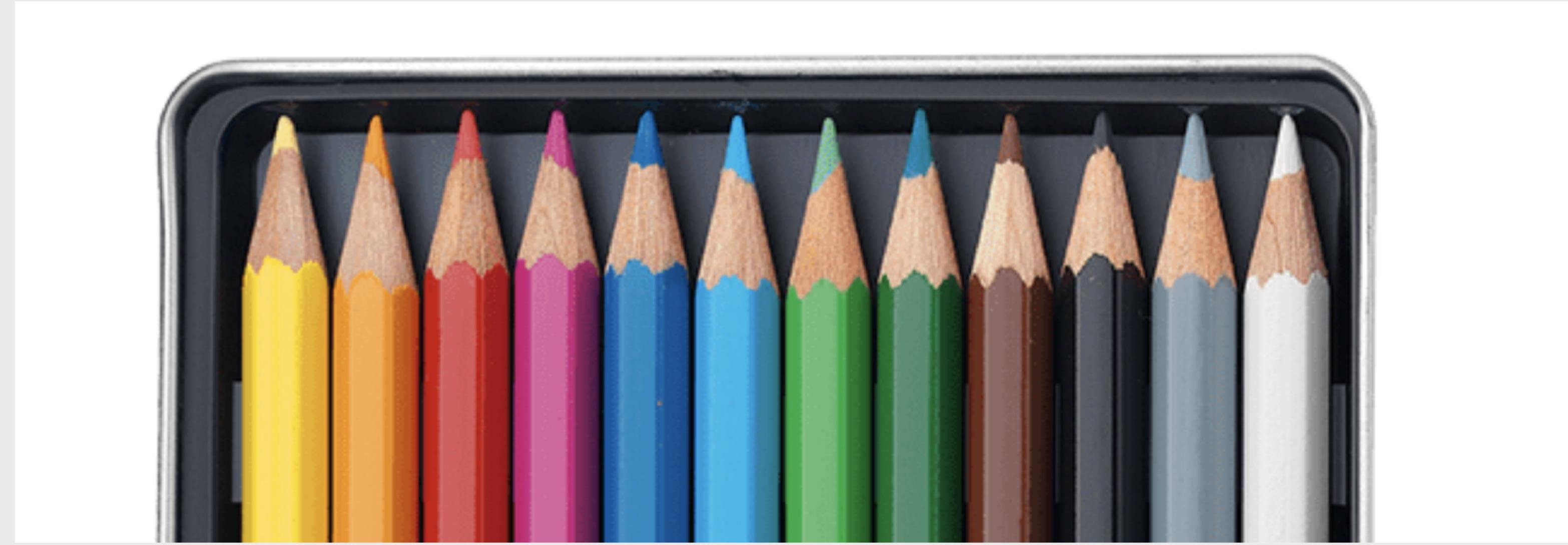
170-180

180-185

185-190

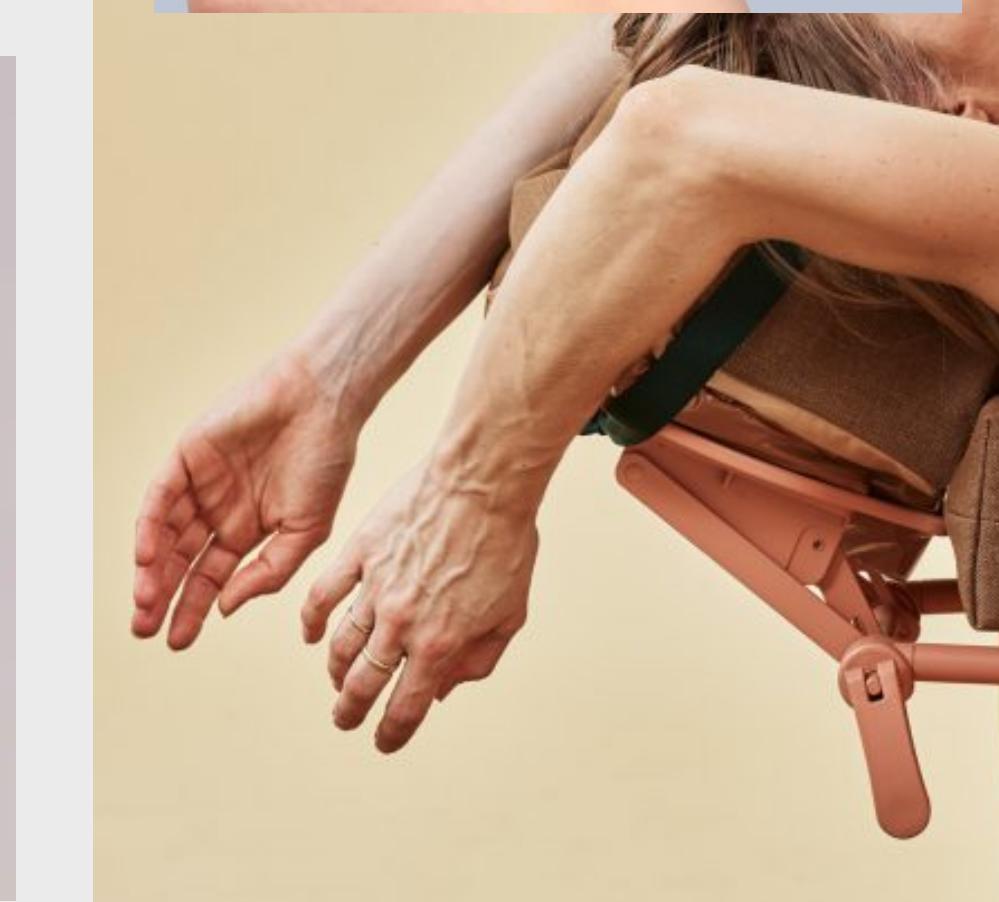
190-200

my max bpm rate is 200 bpm



# Next steps:

- bpm + age research
- wearables design research
- narrowing/defining concept
- possible outputs/ ends of journey...

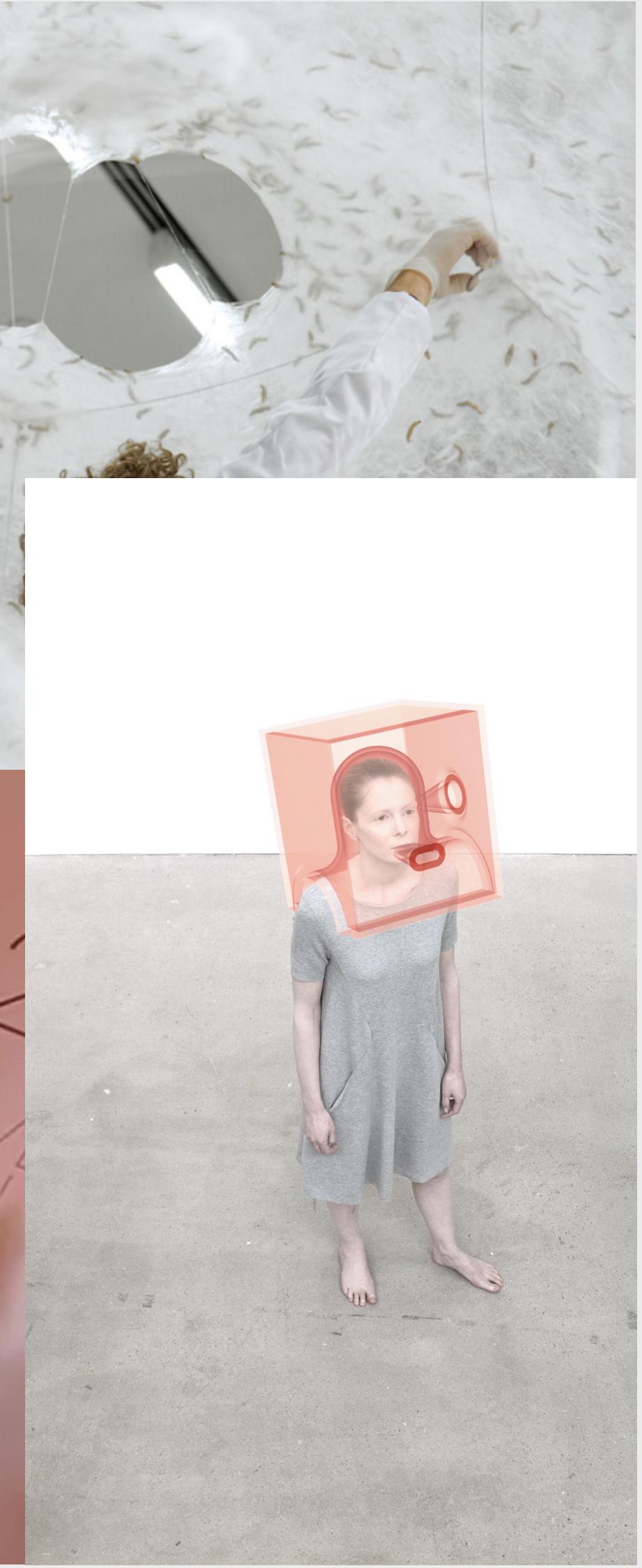
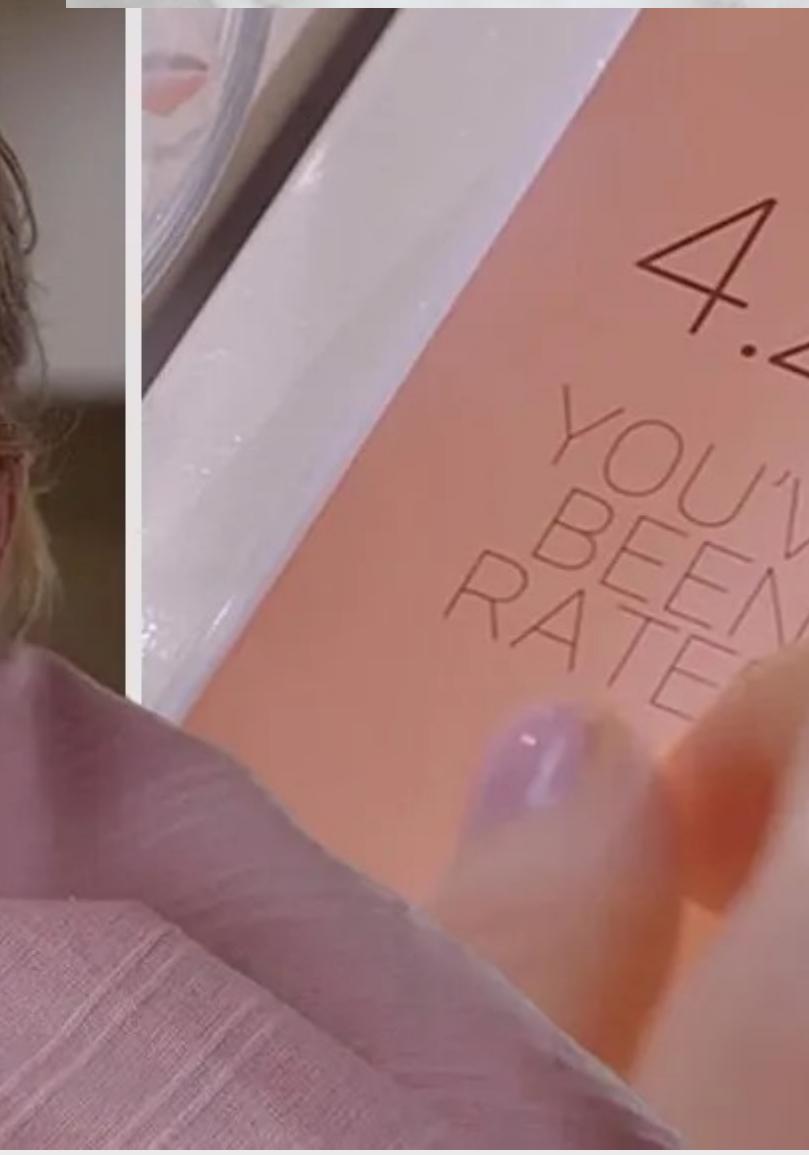
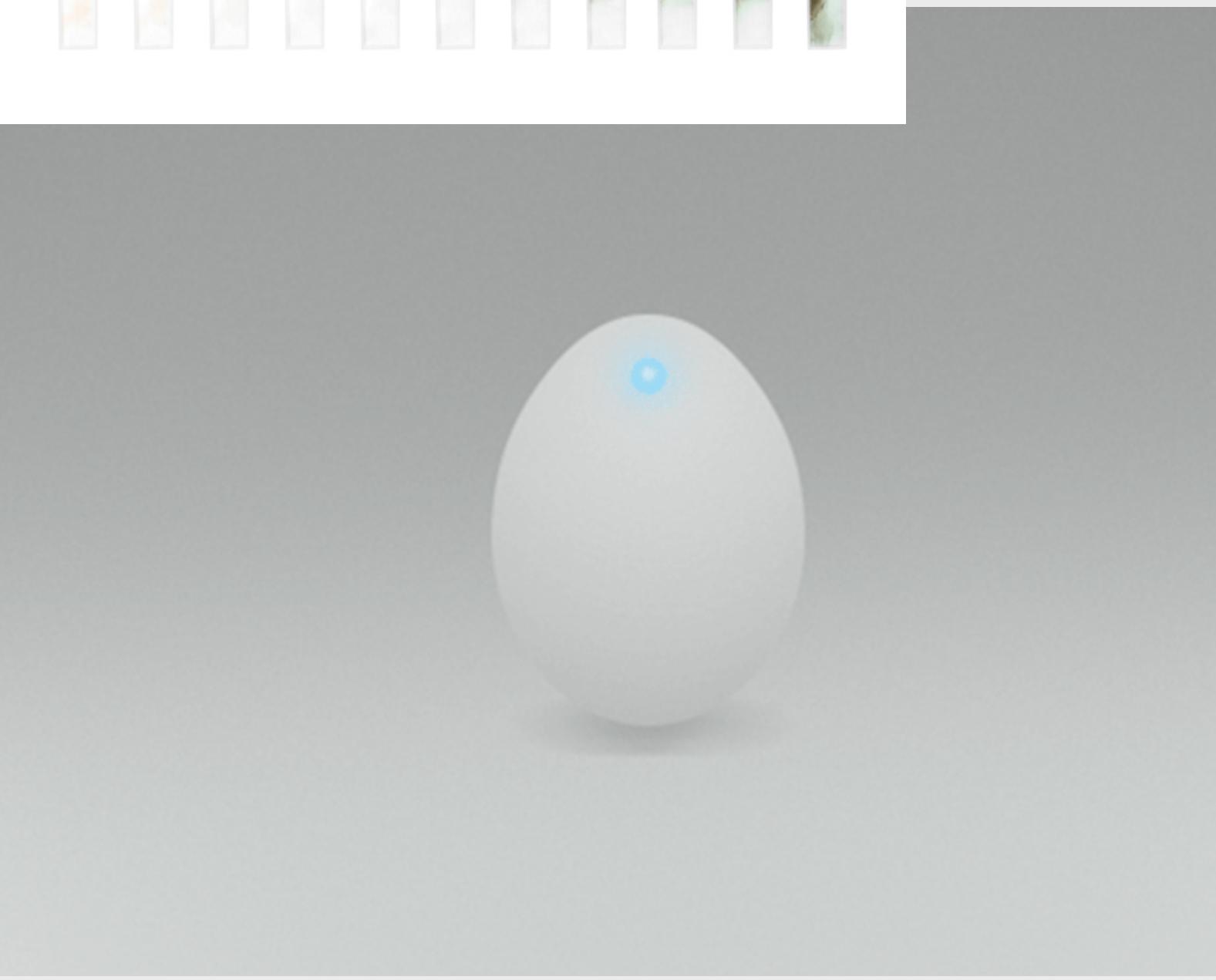
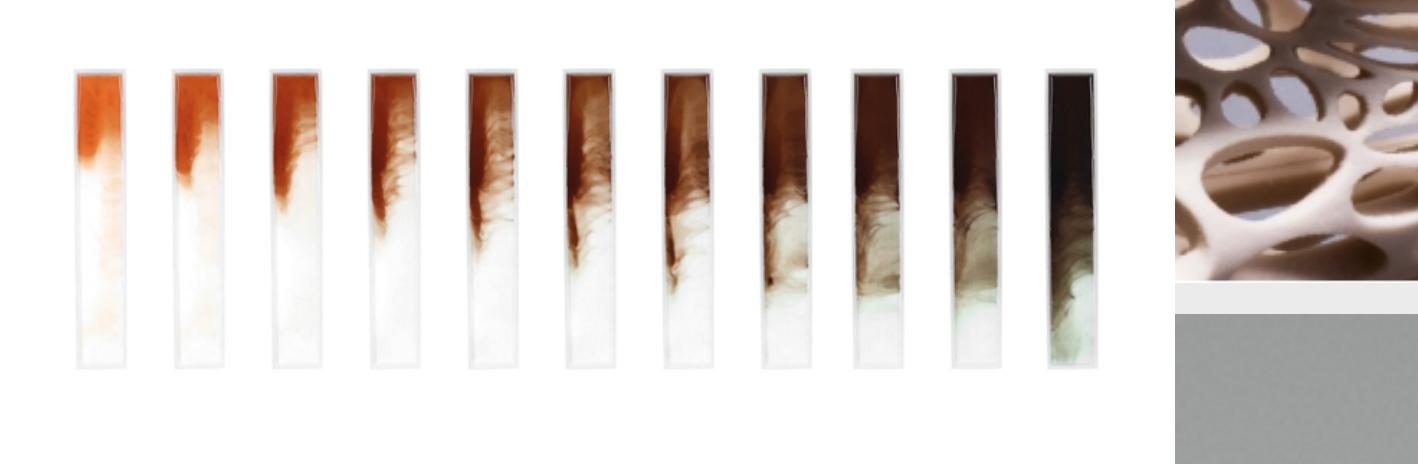
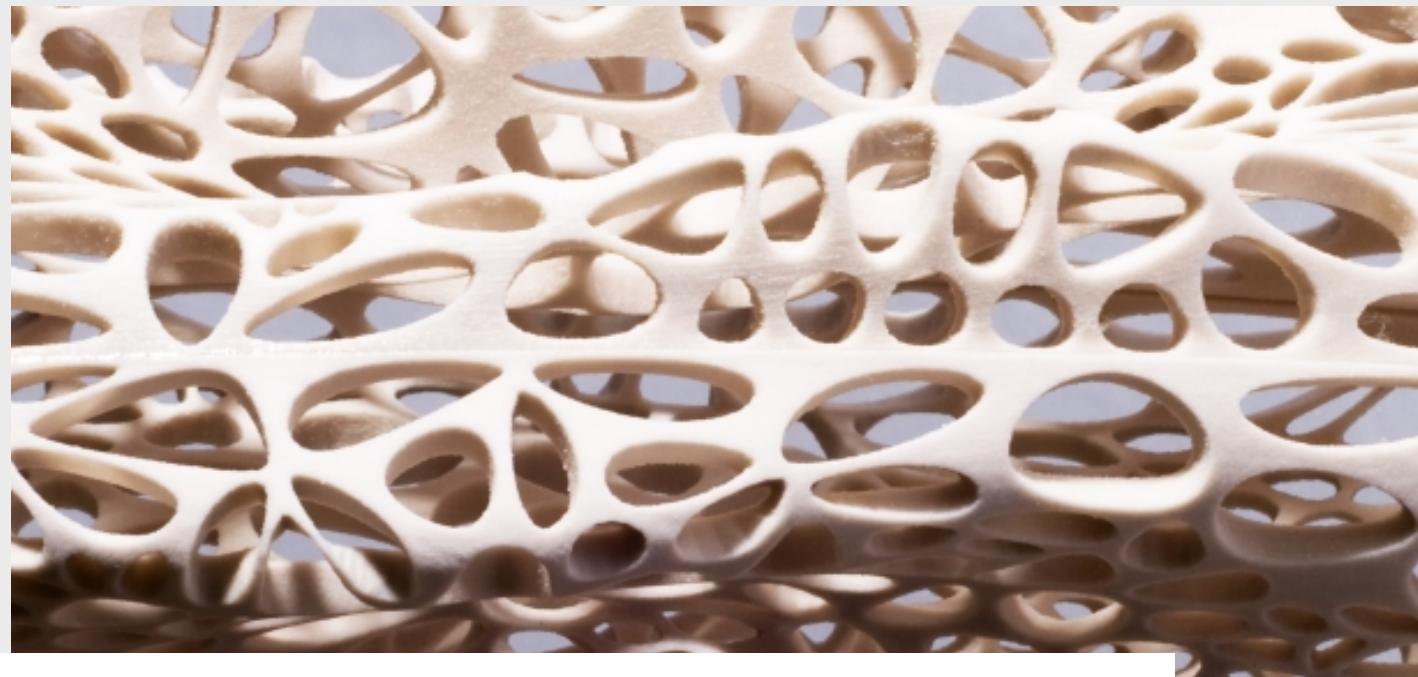


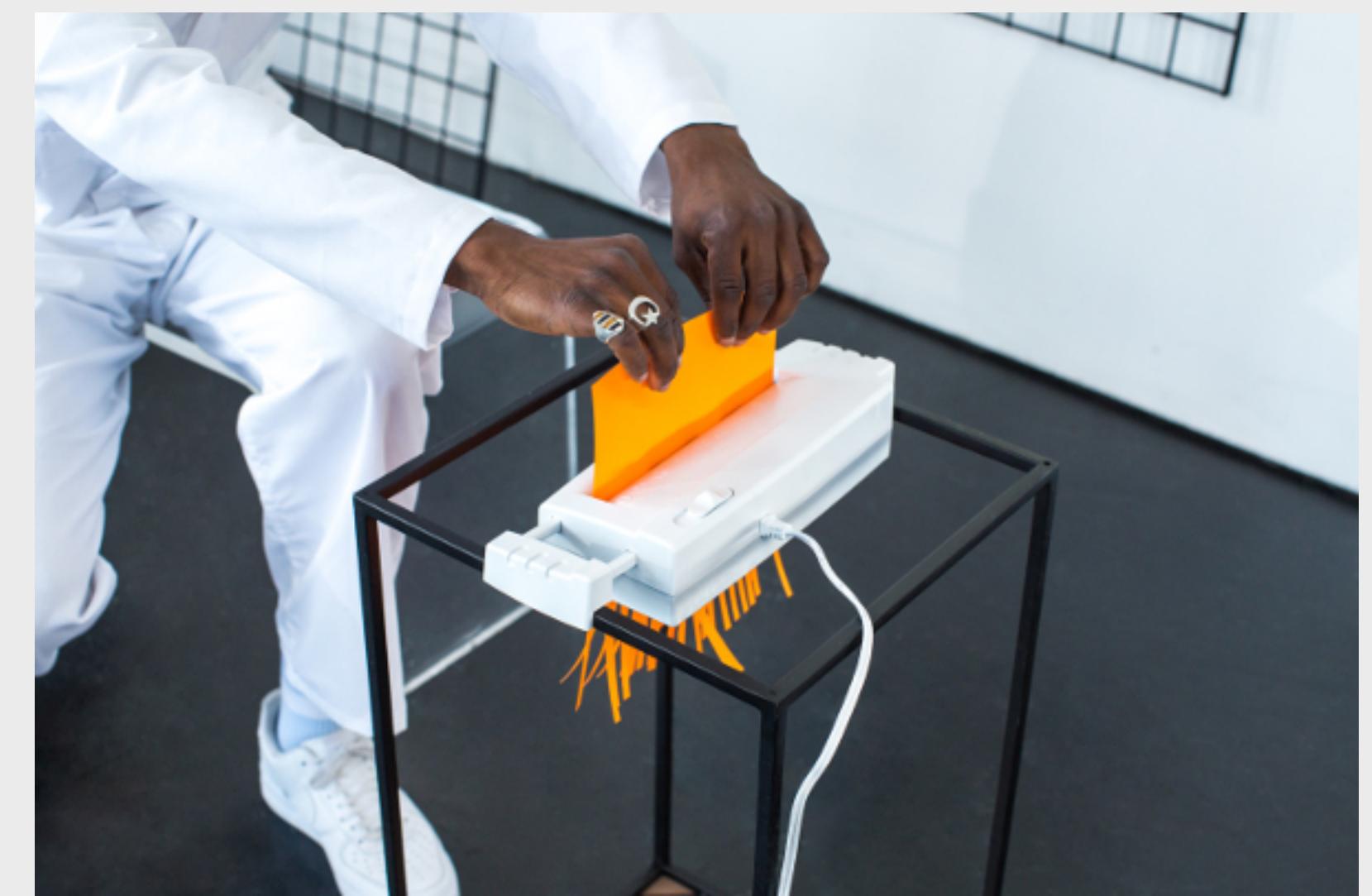
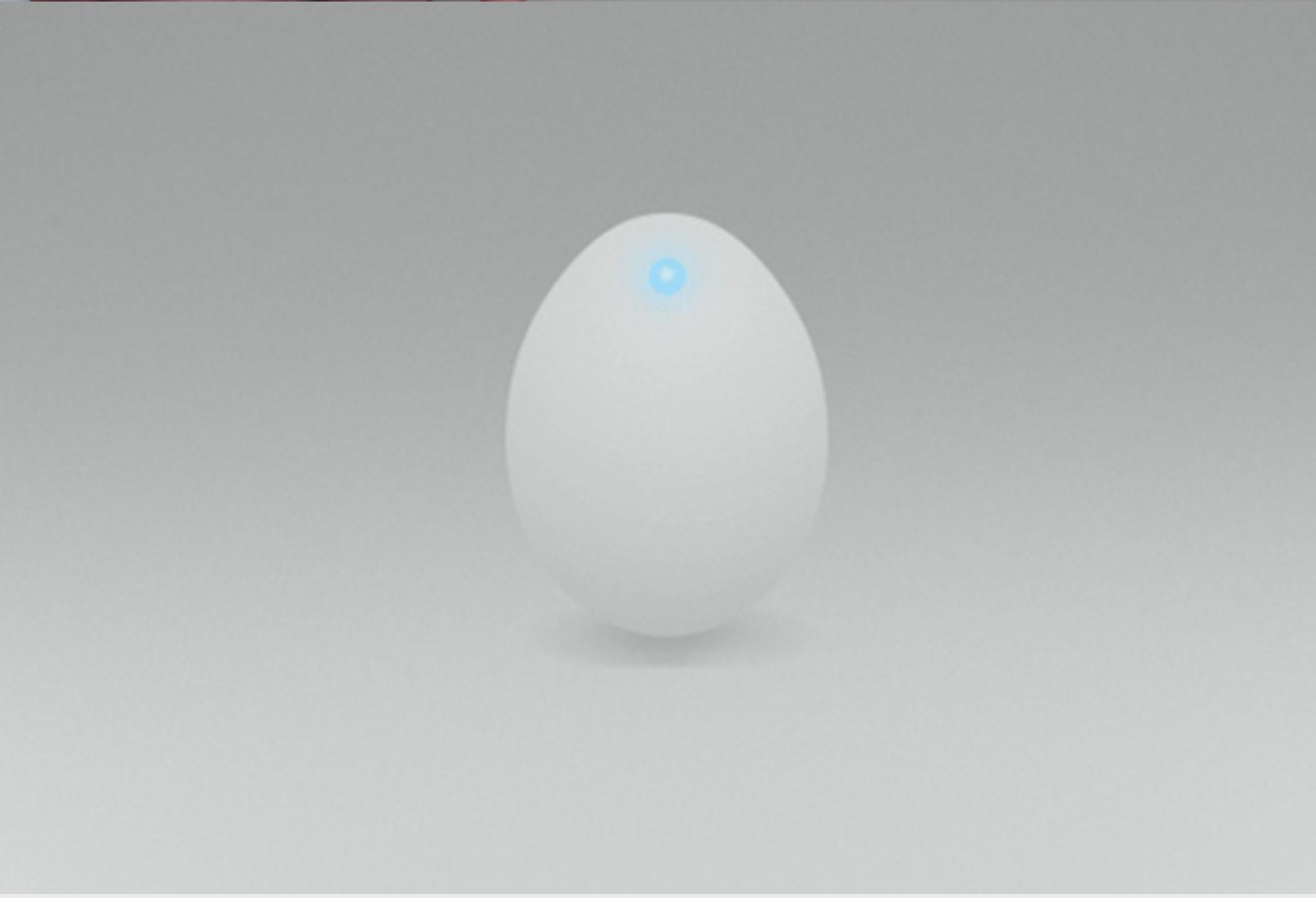
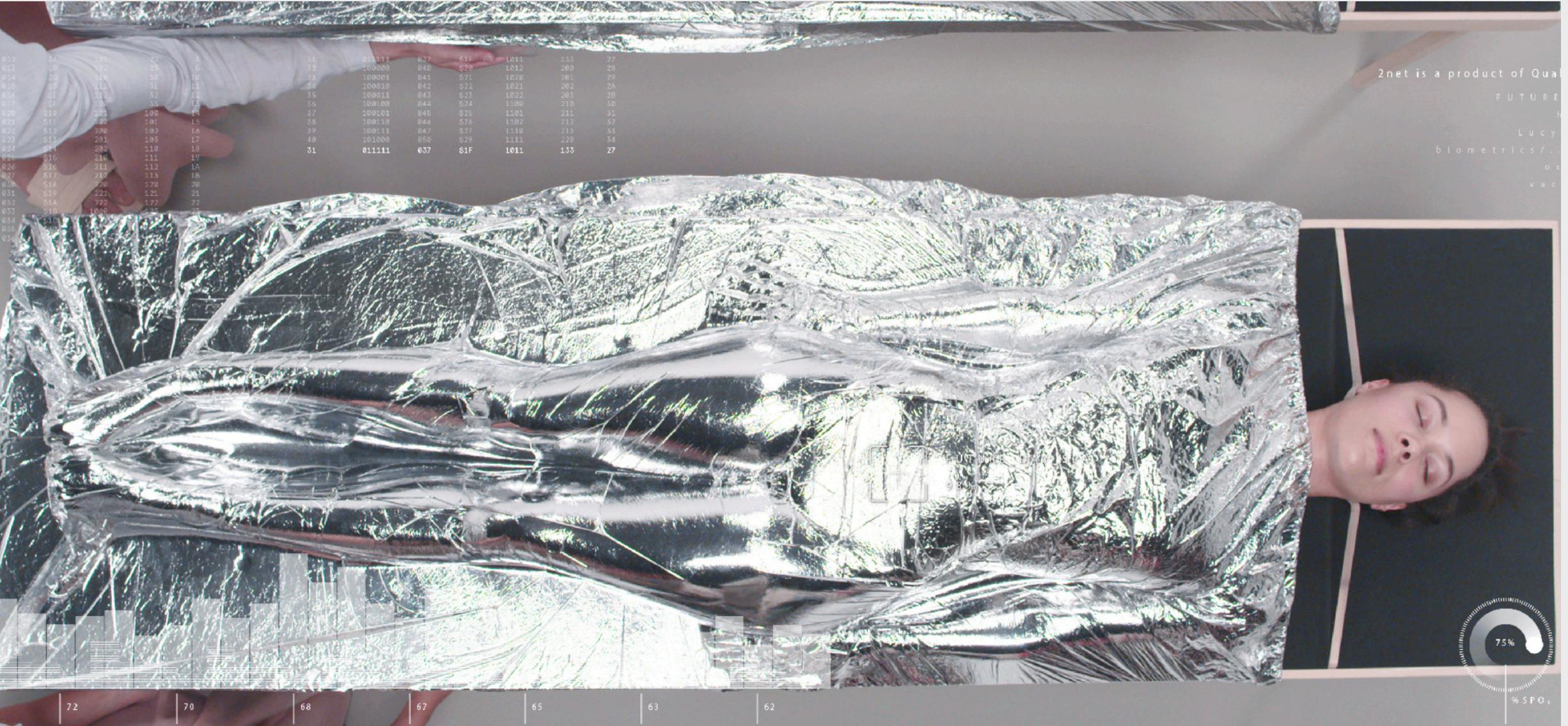
<https://www.lucymcrae.net>

<https://www.behance.net/gallery/64353807/Dab-ECG-sensor>

<https://www.dezeen.com/2013/12/09/reality-mediators-wearable-technology-punishes-laziness-ling-tan/>

[https://www.reddit.com/r/MakeupAddiction/comments/1jefby/misc\\_out\\_of\\_all\\_the\\_gadgets\\_in\\_sci\\_fi\\_movies/](https://www.reddit.com/r/MakeupAddiction/comments/1jefby/misc_out_of_all_the_gadgets_in_sci_fi_movies/)





Can we paint with our age? How? And What is our canvas?

What if we can paint with our age (bmp rate)? And if we can receive tint from others?

Is there a beauty in running out of tint?

A future where digital drawing is the norm ...?

What if analog painting is banned and age-dependant digital tint is the only form of expression?

What if we can share digital tint?



**A Manifesto**

(a)

affirmative  
problem solving  
design as process  
provides answers  
in the service of industry  
for how the world is  
science fiction  
futures  
fictional functions  
change the world to suit us  
narratives of production  
anti-art  
research for design  
applications  
design for production  
fun  
concept design  
consumer  
user  
training  
makes us buy  
innovation  
ergonomics

(b)

critical  
problem finding  
design as medium  
asks questions  
in the service of society  
for how the world could be  
social fiction  
parallel worlds  
functional fictions  
change us to suit the world  
narratives of consumption  
applied art  
research through design  
implications  
design for debate  
satire  
conceptual design  
citizen  
person  
education  
makes us think  
provocation  
rhetoric



Who is my audience?????