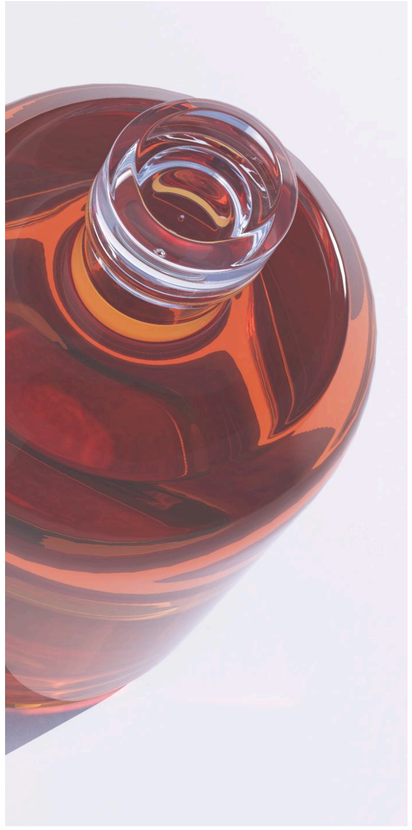
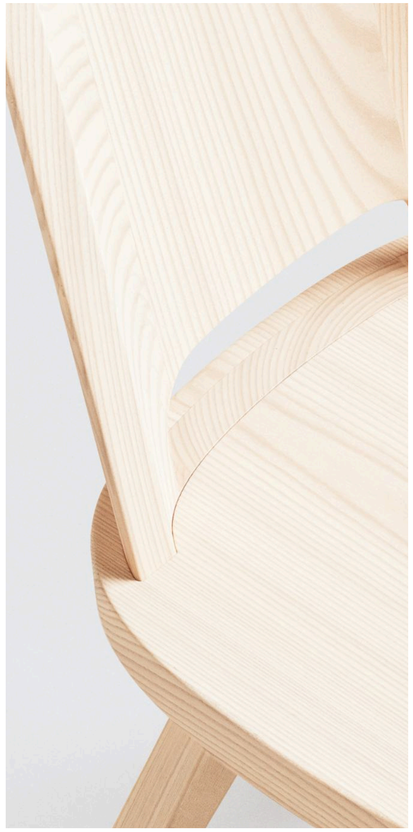
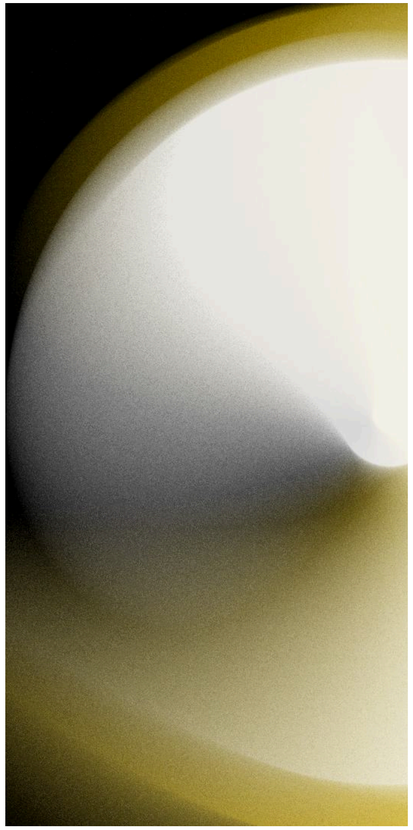




FELIX WILDBERGER

Current & previous roles

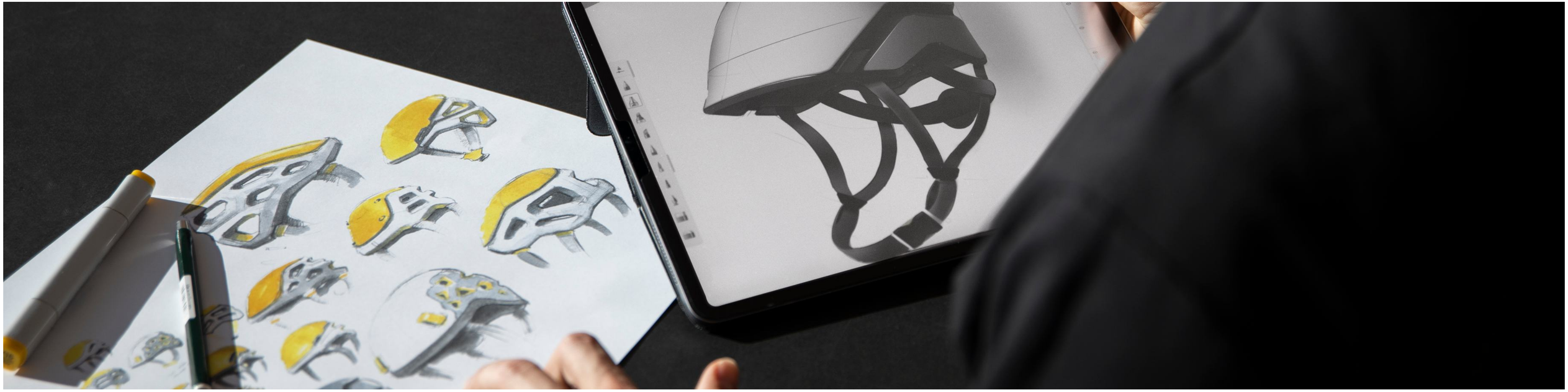
current role:
Industrial Designer at Nacar Design, Barcelona / Hewlett Packard, Sant Cugat

Recent project work with an audio technology start up and a medical research team based in Sweden

Previously worked with and learnt from the talented Industrial Design teams at Above, Malmö and Nokia Design, San Francisco.

In February 2025 I presented my Master's Thesis at my collaboration partner Jabra/GN

2025 I received my Master's degree from Umeå Institute of Design.



	event	duration	keywords / topics	tasks
Freelance Industrial Designer 2024-2026 based in Vienna, Austria	eHear Umeå, Sweden	2024 - 2026	Medical Device Research & Product Development	Design Lead / Product Architect (Hardware) Guiding a medical research team in their efforts to build a product improving diagnostic accuracy of ear diseases
	Emendion Umeå, Sweden	2025 - 2026	Swedish Audio Technology Start Up www.emendion.com	Design & DFM for Emendion LE Audio Receiver Kickstarter Campaign Emendion Brand & Website Renderings & Visualisations
	Confidential Project Berlin, Germany	Q4 - 2025 5 weeks	Pong Design & Julian Hönig	material research CAD sculpting & 3D prototyping
Internship Experience 2020 - 2025 inhouse & agency Sweden, Spain, USA, Germany	Above agency Umeå, Sweden	2024 / 2025 6 months	ABB Mobility	Design for Manufacturing
	Nokia Design in-house San Francisco, United States	2023 5 months	Mesh Network Routers & peripherals	Involvement in 3 different projects spanning across early stages to DFM
	Nacar Design agency Barcelona, Spain	2022 5 months + freelance support 2023 & 2024	Coffee Machines Stationary Fitness Equipment Cargo Bikes	Internship experience Industrial Design in a Spanish speaking work environment Freelance Industrial Designer
	Design 3 agency Hamburg, Germany	2022 6 months	Bathroom Products	Internship experience
Education 2020 - 2024 Diploma 2025 MFA in Industrial Design	Umeå Institute of Design Umeå, Sweden	Master of Fine Arts Advanced Product Design Programme	Degree Project with Jabra / GN	Industry Collaboration Projects with Above Jabra / GN Cisco, Norway Electrolux
2017 - 2021	FH Joanneum Graz, Austria	BA in Industrial Design & Exchange Studies at Umeå Institute of Design		Industry Collaboration Project with KTM Bicycles Müller Glas Airbus Design

Internships / Thesis Collaboration

Learning from the best



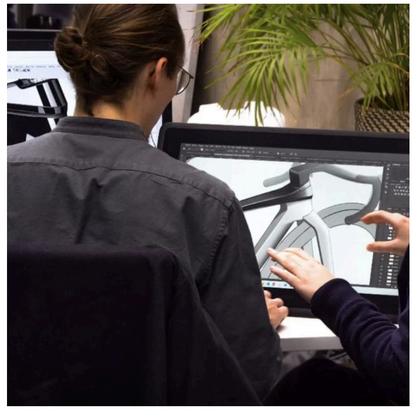
Internship 2024 - 6 months
Above, Malmö



Thesis collaboration 2024
Jabra Design Team



Internship 2023 - 6 months
Nokia Design, San Francisco



Internship + Freelance Work 2022 - 2024
Nacar Design, Barcelona

Above

AR - Prototyping with Apple Vision Pro

To tackle specific design challenges we used the Apple Vision Pro headset to augment gap tolerances in our CAD models and evaluate proportions.





Above

Internship
August 2024 - February 2025
Malmö, Sweden

After my graduation at Umeå Institute of Design I joined the Industrial Design team at Above for my very last internship. During my time in the Malmö studio I was mainly involved with the ongoing work with ABB mobility. This involved visiting their factory in Valdarno, Italy and learning more about the future of fast charging infrastructure.





Nokia

Internship
February 2023 - August 2023
San Francisco, USA

Working on different networking solutions in a BtoB but consumer facing context I learnt more about manufacturing methods and design problems when shipping products at high volumes. Some of the projects I worked on sadly will never see the light of day.





Nokia

3 Projects
+ reducing in-house prototyping cost by
93%





While supporting the team on three different confidential projects I also used their high-end FDM printer to explore the boundaries of printing components in-house. With networking equipment involving large housings I experimented with methods to accurately print with ABS / PLA combined with PVA / breakaway filaments on a dual extrusion printer.
The result was that some models could now be printed in-house with better aesthetic accuracy at a fraction of the cost.

Nacar Design

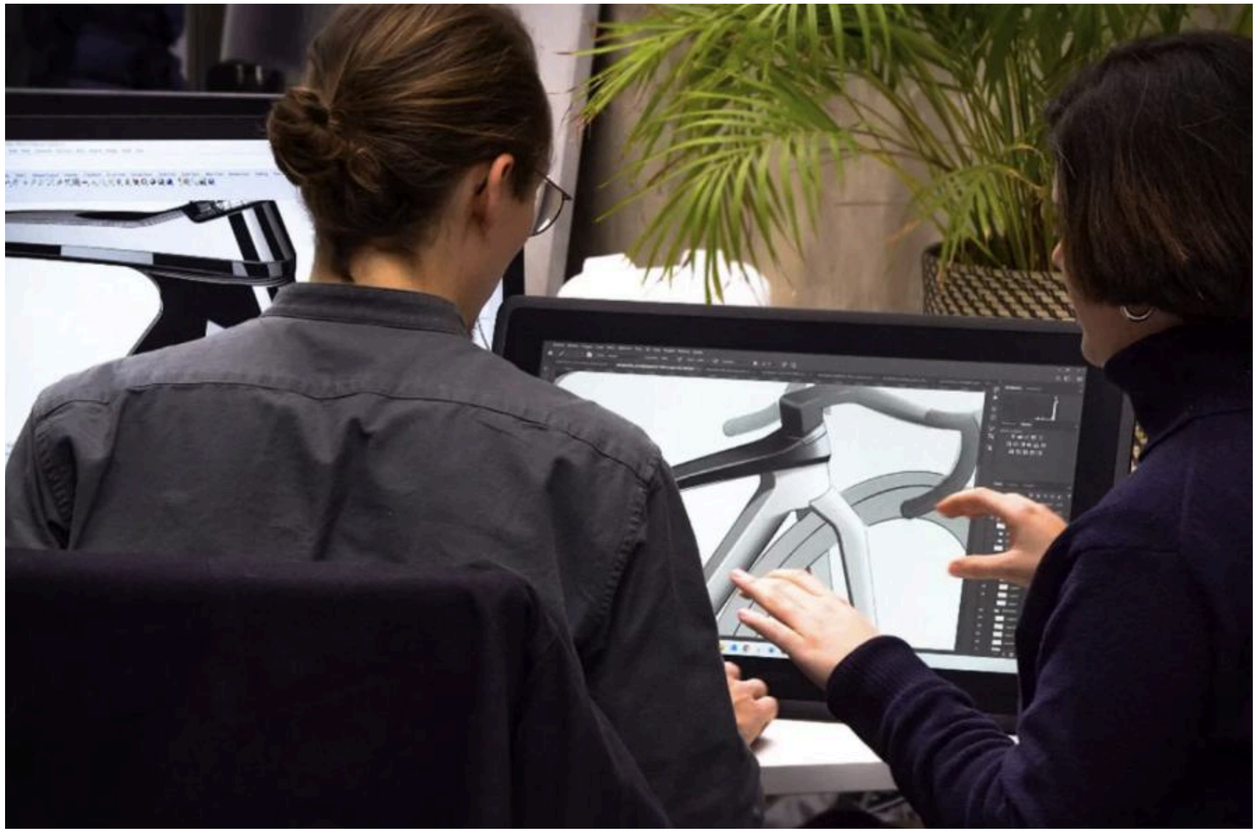
Internship
September 2022 - January 2023
+ Freelance 2023 - 2024

Barcelona, Spain



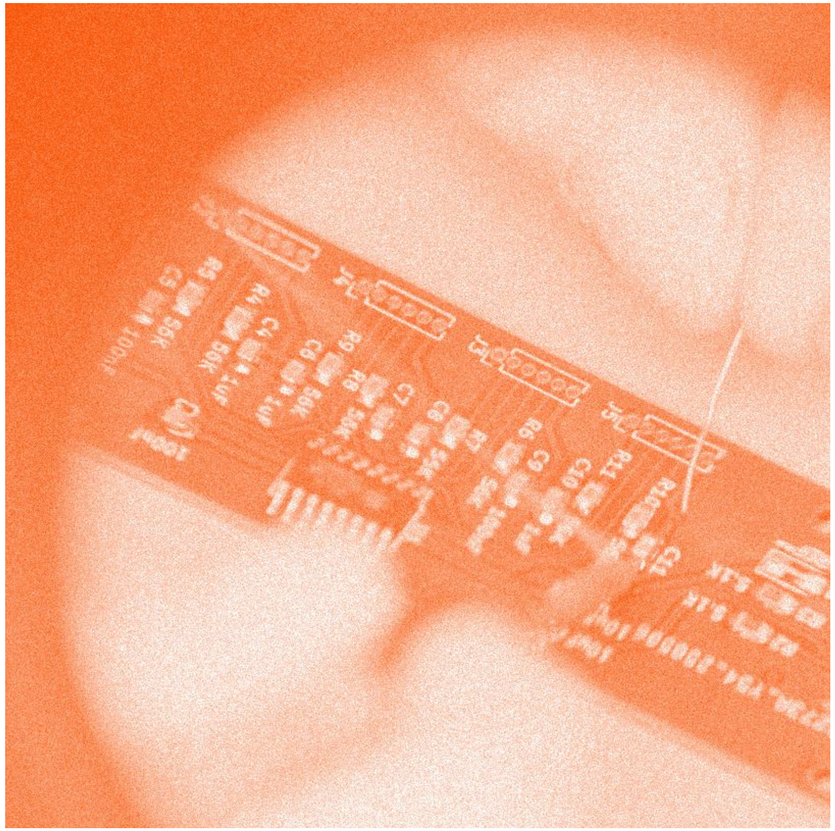
During my time at Nacar I worked on coffee machines, a cargo bike, and stationary fitness equipment.

The most important aspect to my time at Nacar was learning to speak Spanish in a professional context.





Freelance Work



eHear

Medical Research

March 2024 - ongoing

Role:
Project Lead

Team:
AI Engineer
Electronics Engineer
Medical Doctor
UX / UI Designer



Emendion

www.emendion.com

August 2025 - April 2026

Role:
Industrial Designer
Campaign Visualisations / 3D Artist
Branding

www.thirdface.com

Stealth Project - Berlin

Benjamin Beck (Pong Design) & Julian Hönig (ex. Apple ID)

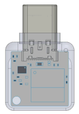
October - November 2025

Role:
Industrial Designer at Pong
CAD modeller at Pong

Emendion



ideation / project kickoff





current placement
visually arbitrary



logo squeezed



no logo

Can we center the LED?



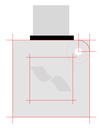
not feasible





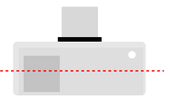
Can we change the shape of the PCB?





squared proportions

squared BLE receiver with LED in top right corner





widening the receiver / How short is possible?

BLE 1 A



BLE 1 B



BLE 2 A



BLE 2 B



BLE 3



BLE 4

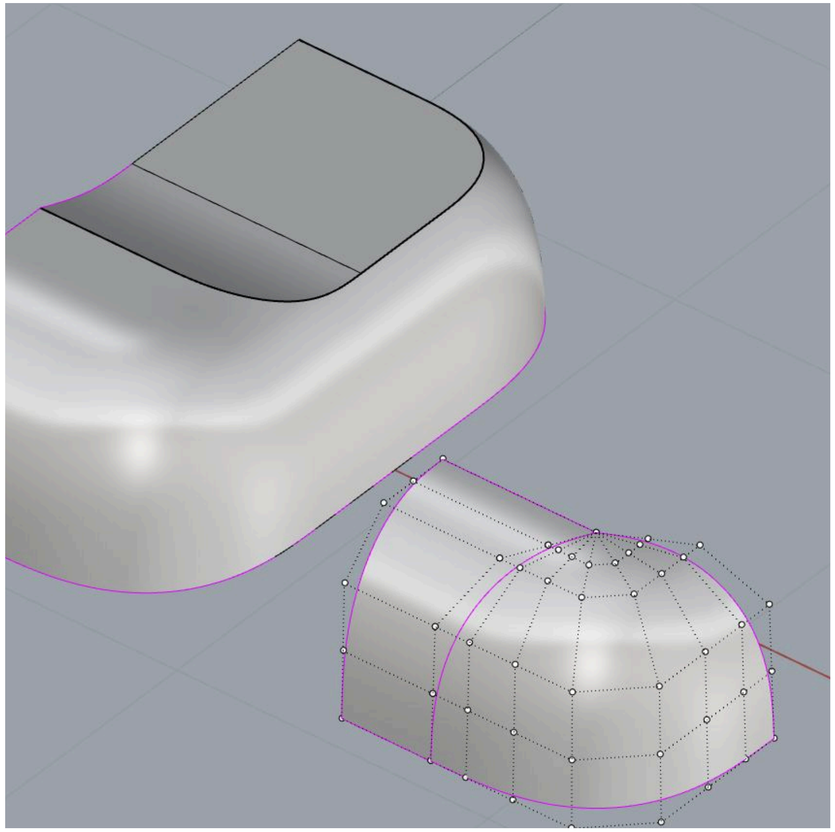


early surface explorations

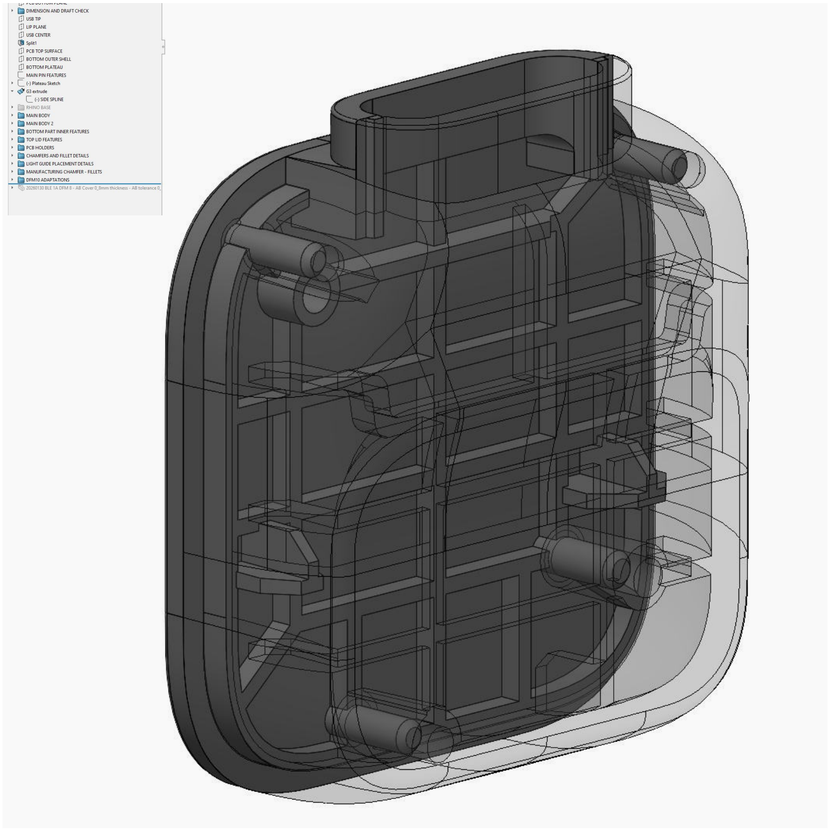




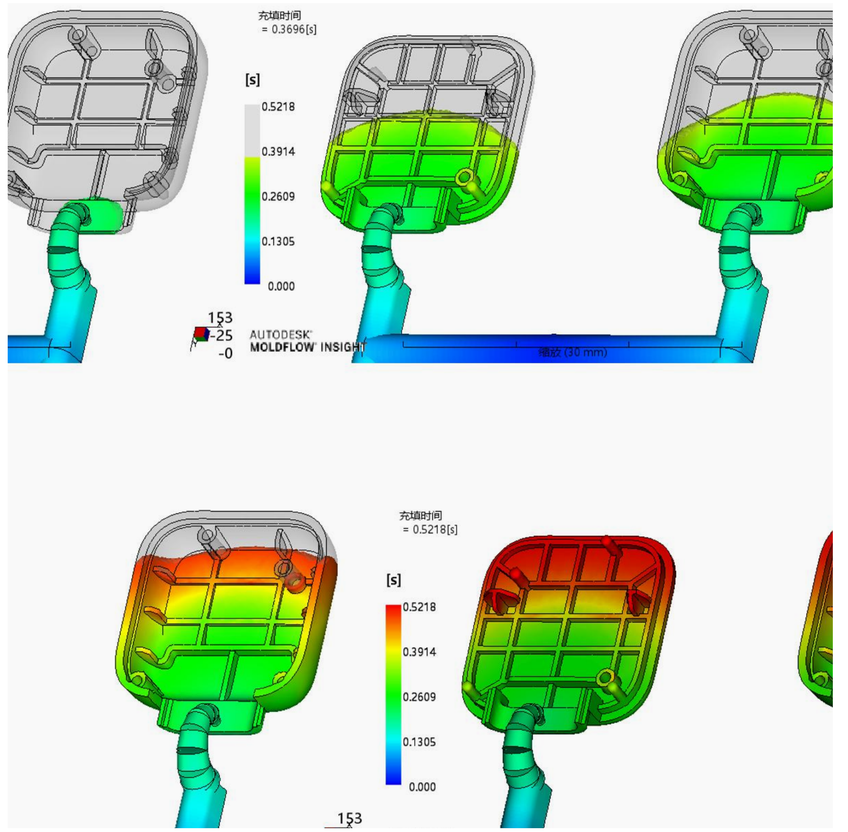
CAD



G2 / G3 surfacing in Rhino 3D



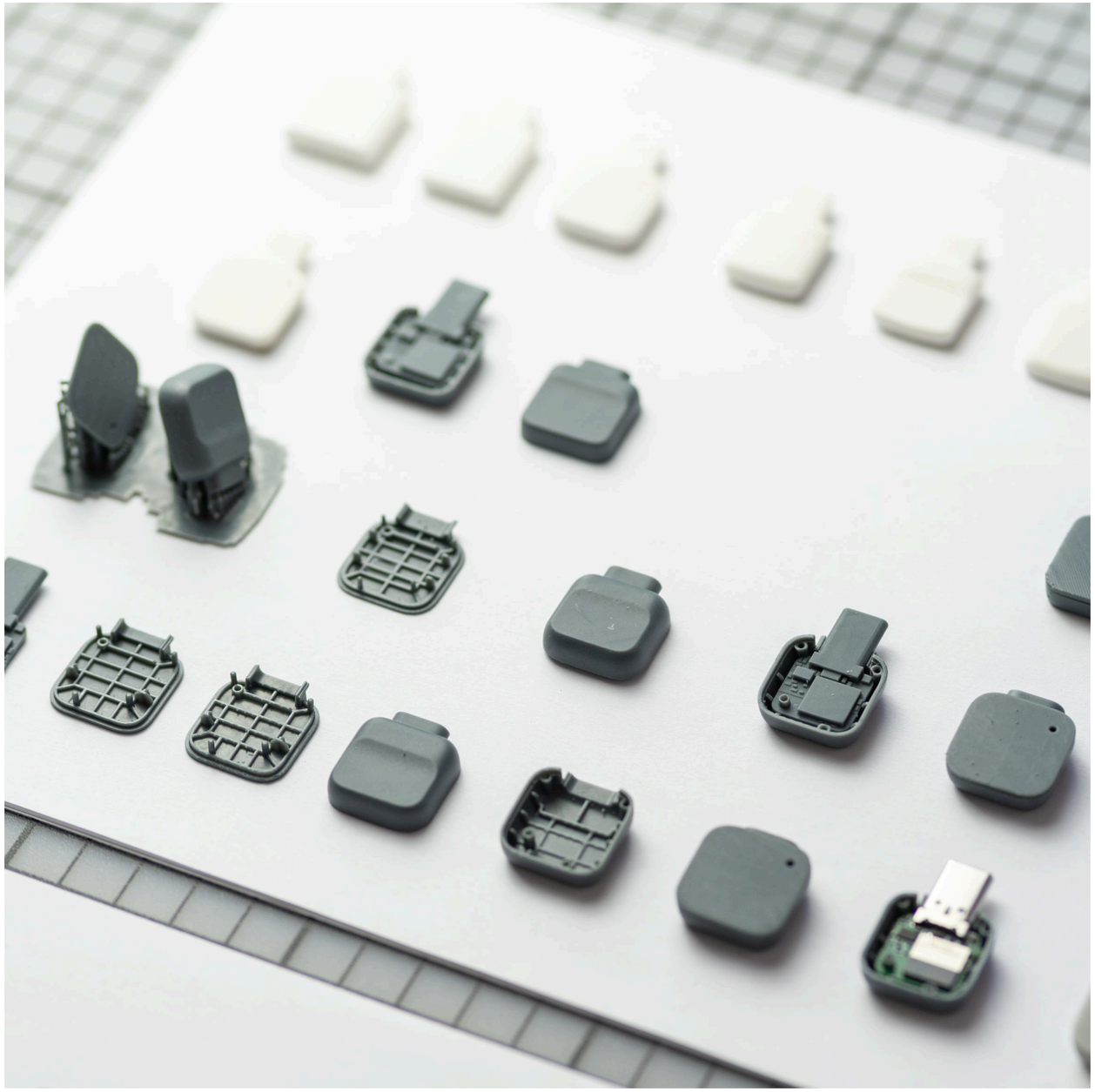
Solidworks Parametric Modelling



Supplier Communication / DFM

Resin printed Prototype Assembly

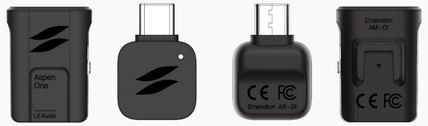




Product Graphics

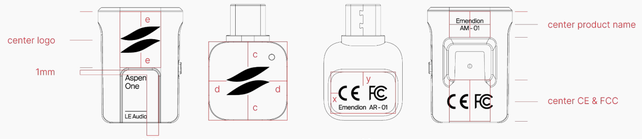
Aspen Microphone & Receiver
Product Graphics
A4 Print Out

2026-02-12 UPDATE



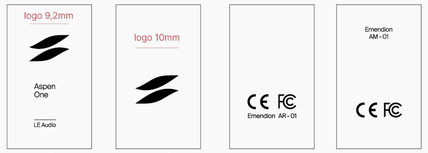
logo size 1 (mic) logo size 2 (BLE)

100mm



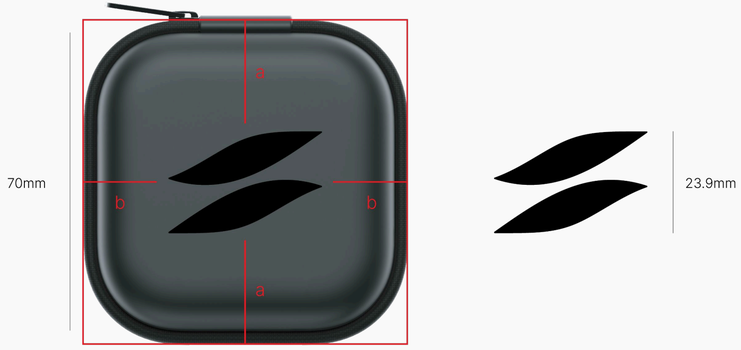
2,75mm x = 1,8mm

100mm



mic front receiver front receiver back mic back

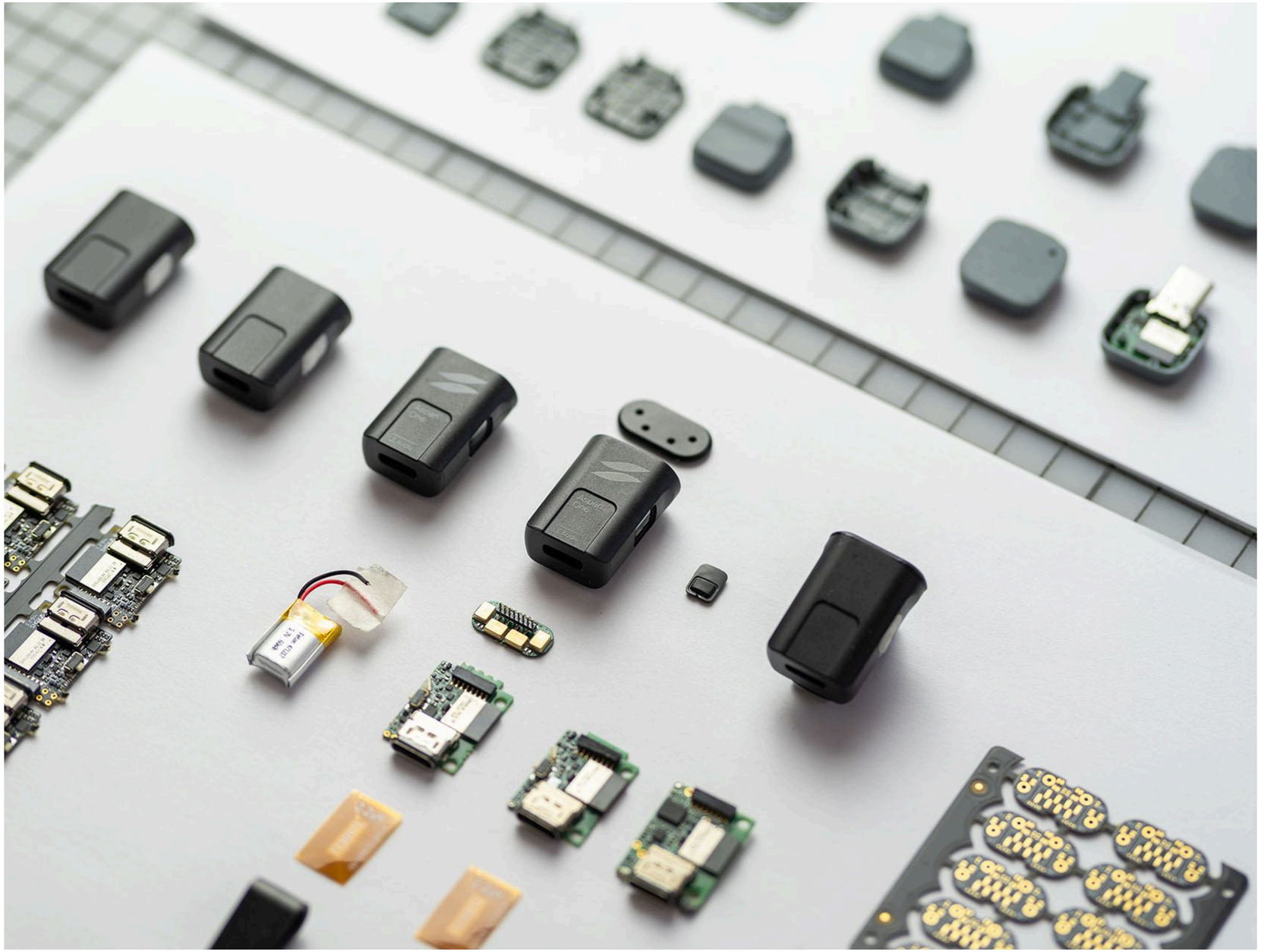
Emendion Kit-Case
(real size varies)



70mm

23.9mm

100mm



Prototype Review



Emendion LE Audio Receiver







Emendion LE Audio Receiver





www.emendion.com

Emendion brand assets

Emendion

www.emendion.com

Logo & Visual Assets design



Emendion visuals



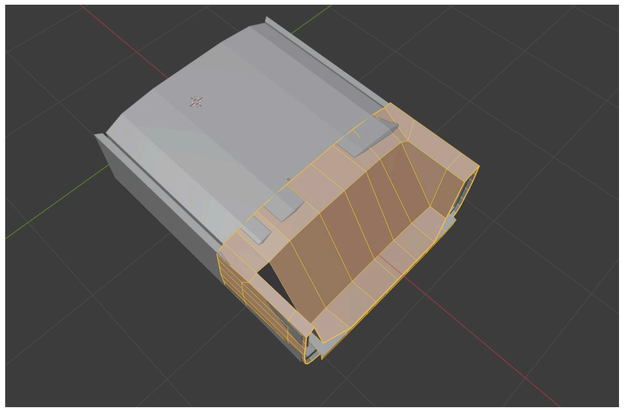
Emendion visuals



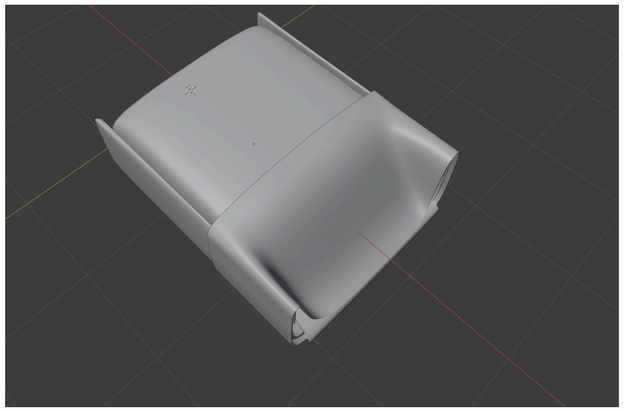
Emendion visuals



polygonal modelling



subdivision





Emendion visuals





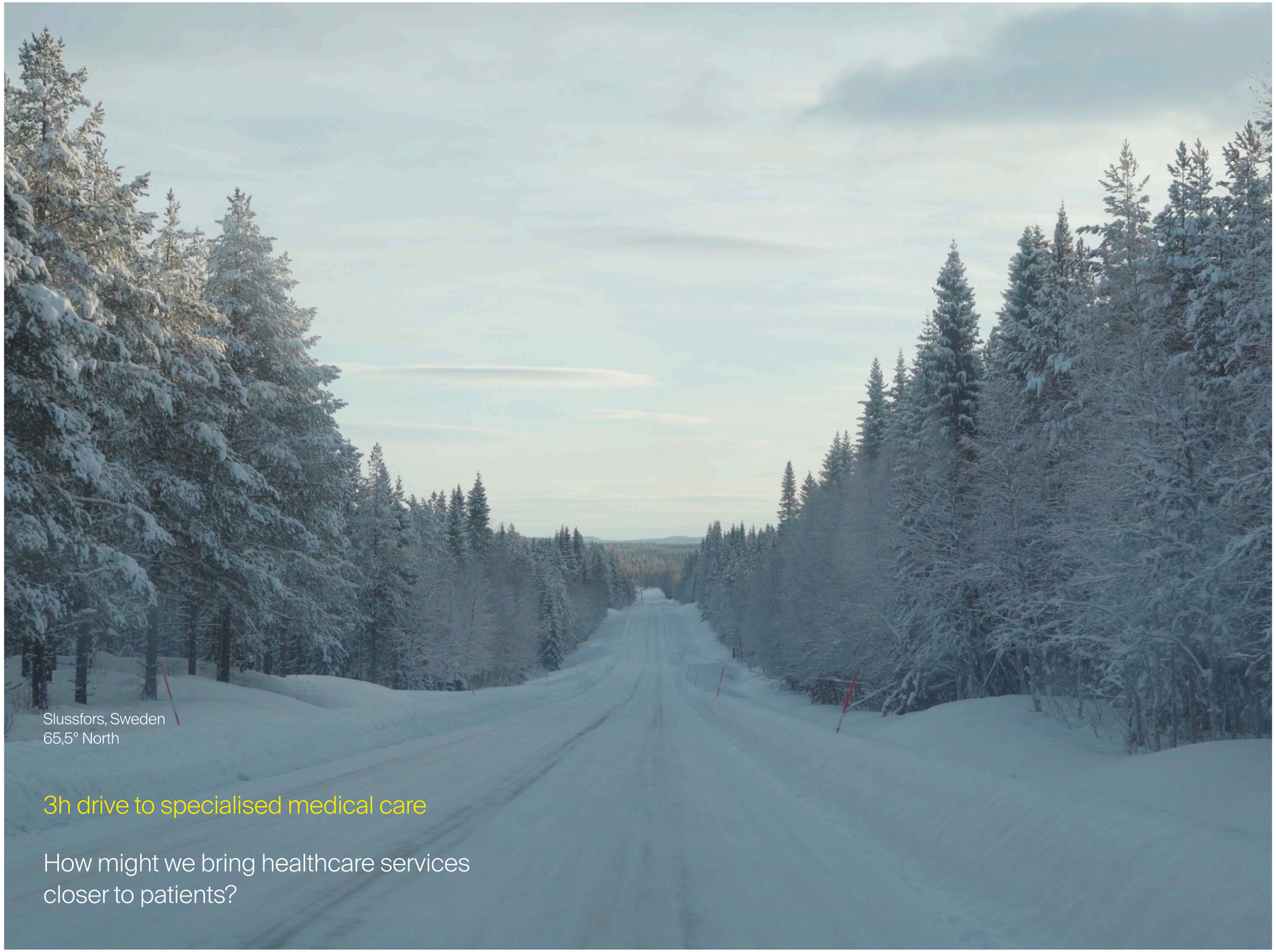
Jabra Auris



Master Thesis Project
Umeå Institute of Design
2024

Jabra Auris

Healthcare in sparsely populated regions





Assistant Nurse

Slussfors

Virtual Health Room
Slussfors

Cottage Hospital

300km

Umeå

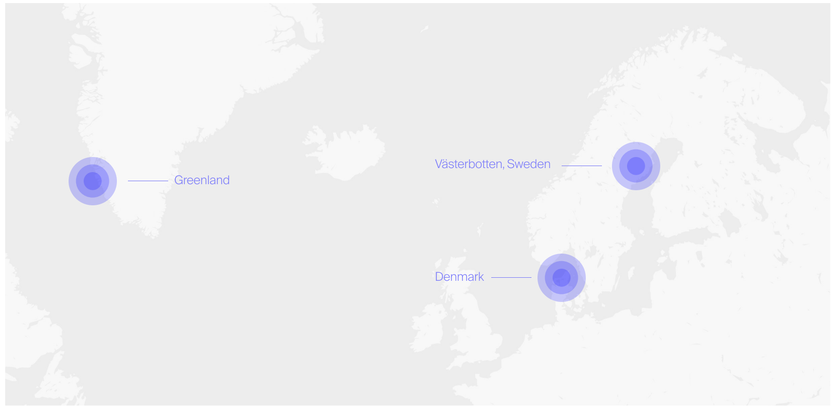


Physician / Specialist

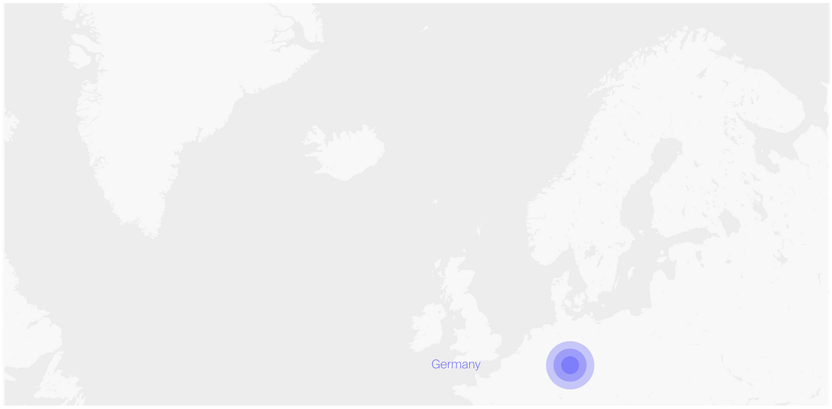
Umeå

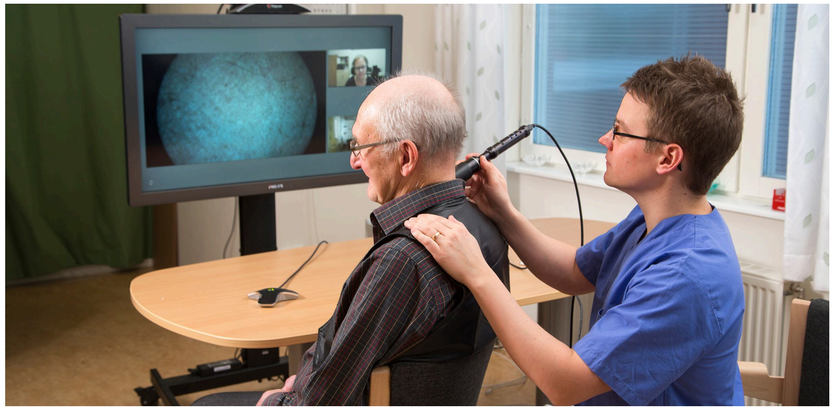
Master Thesis Project

Research









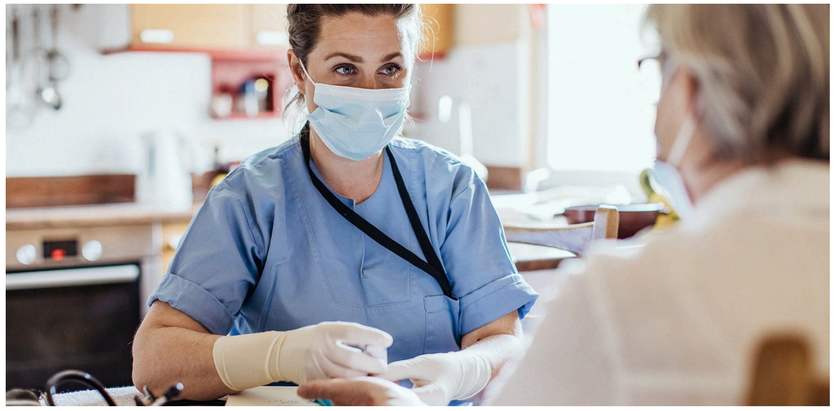
Virtual Health Room

Hälsorum, Slussfors
Sweden



Mobile Health Clinic

Mallu Truck / Eksote, Finland



Home Visits

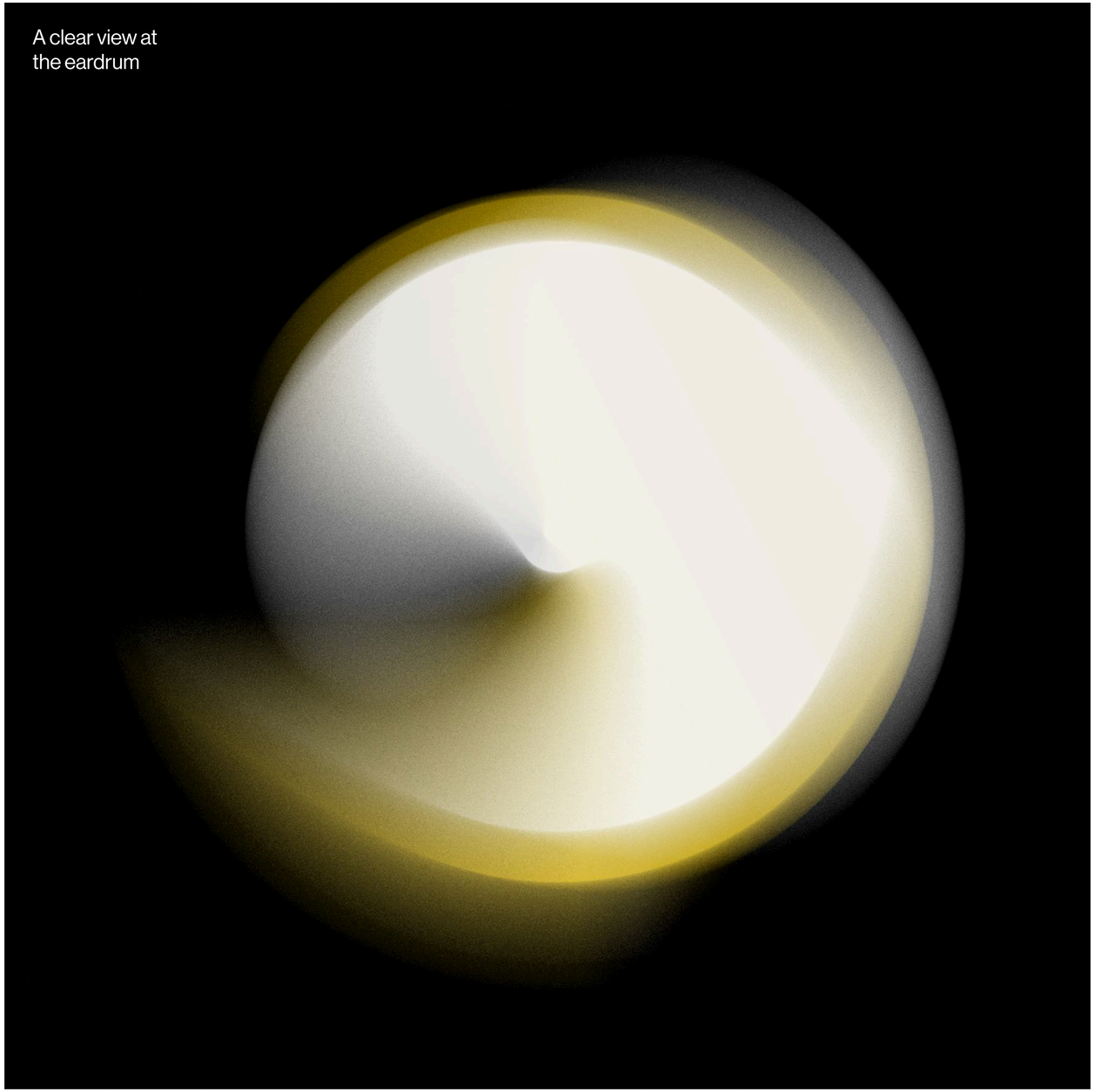
VeraH assistant nurses
Germany



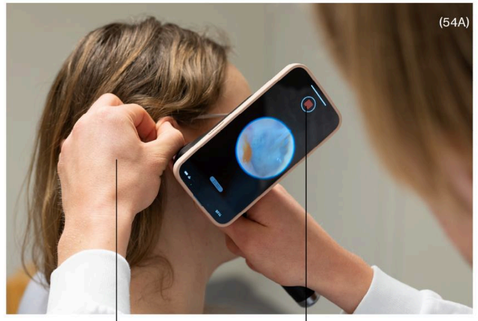



max. 7 kg
10 x


Making life sound
better.
by
Jabra


A clear view at
the eardrum

pain point 1



both hands are locked in place (requirement)

phone too big / weight distribution

pain point 2



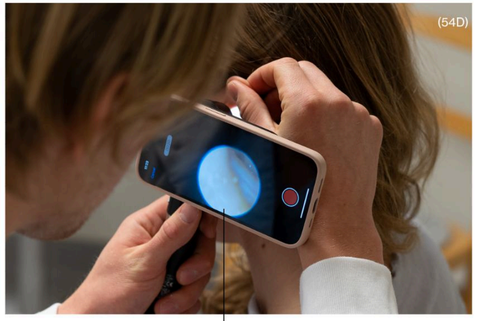
record button on phone

pain point 3



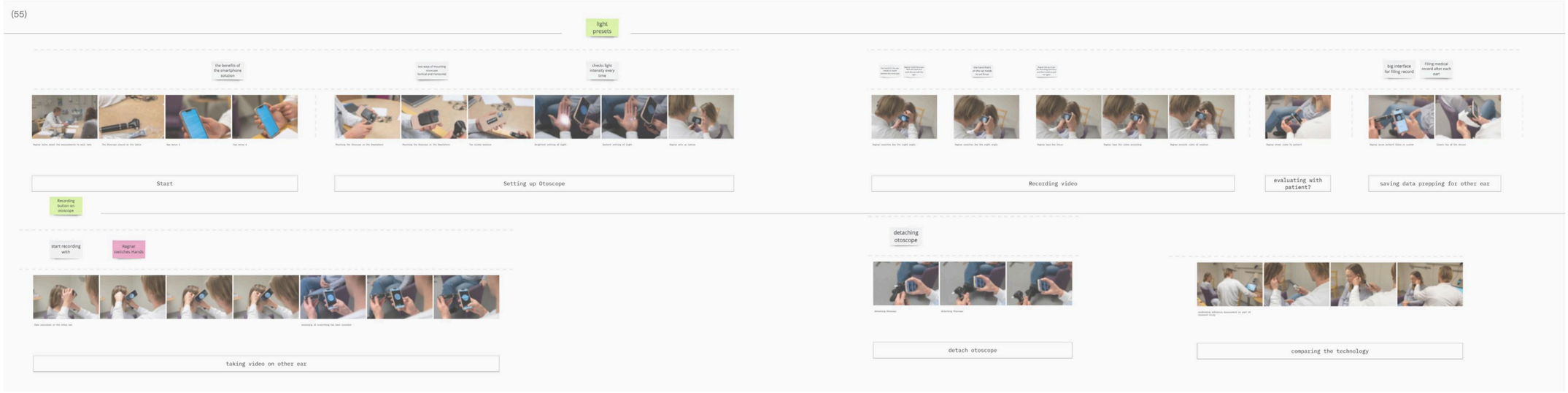
automatic focus is unreliable

pain point 4



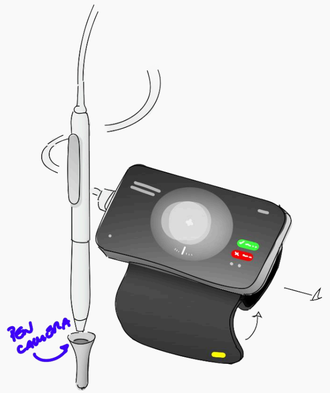
camera to ear canal placement

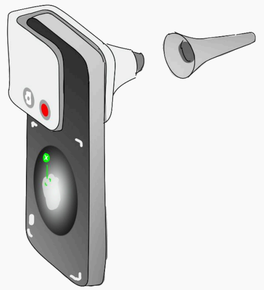
(55)

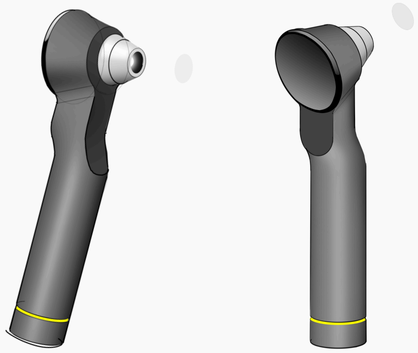


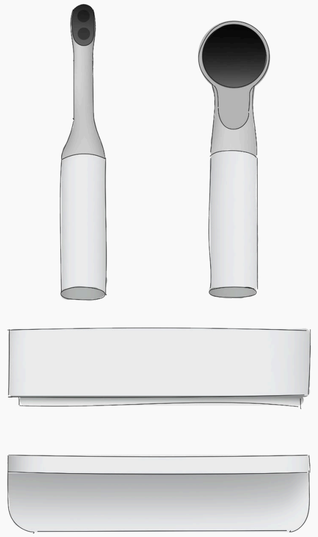




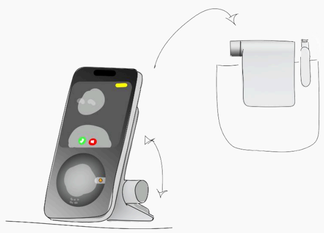

RGB
CAMERA







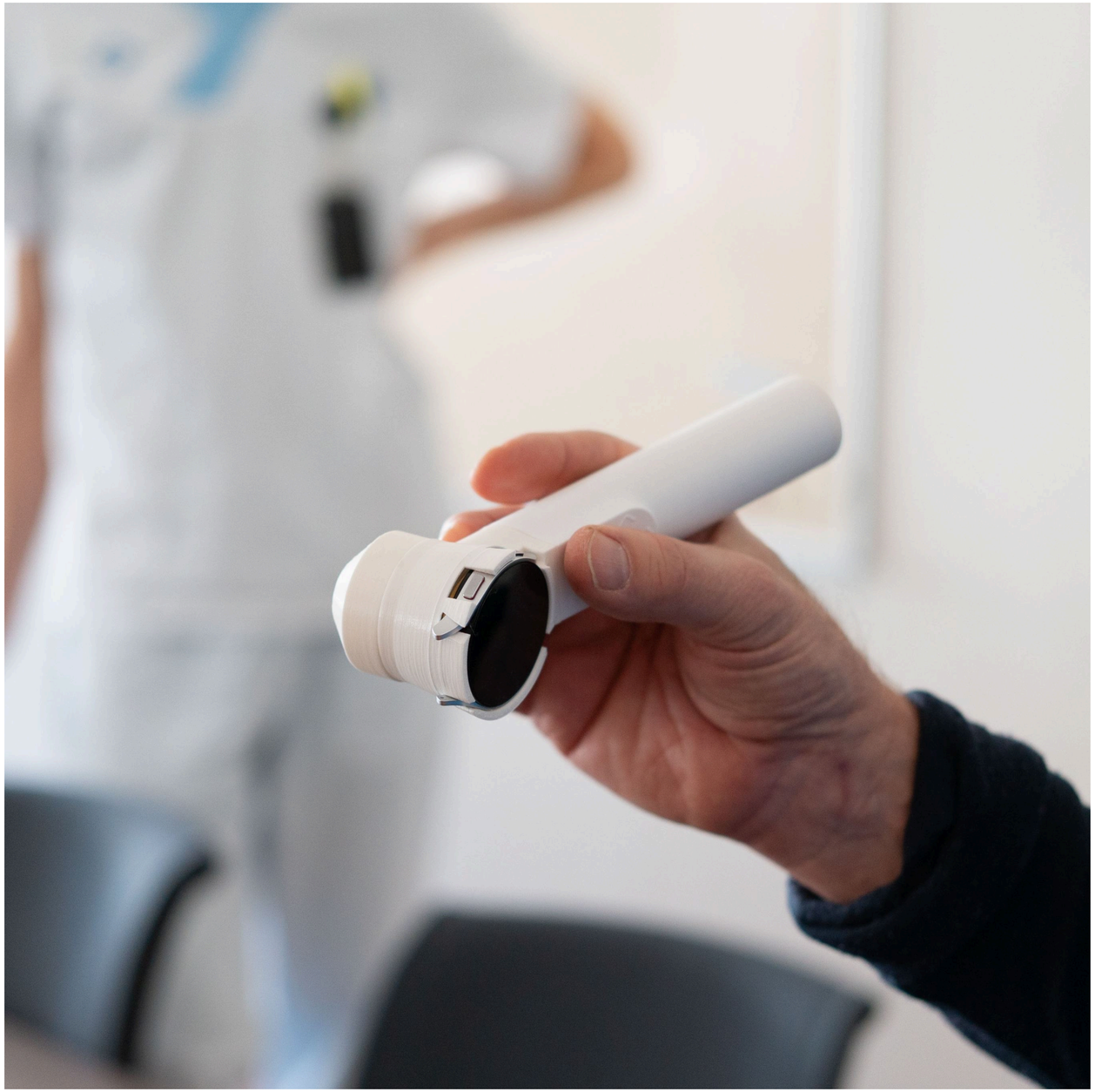


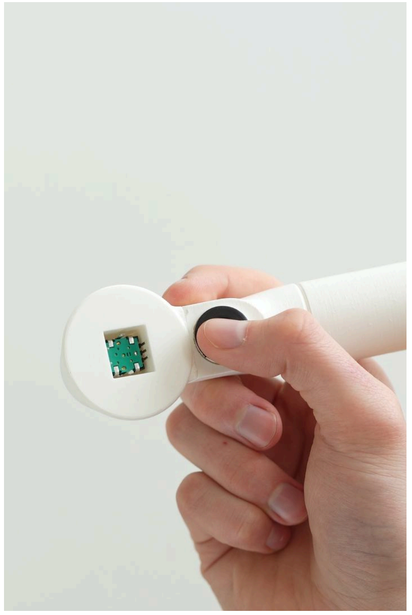










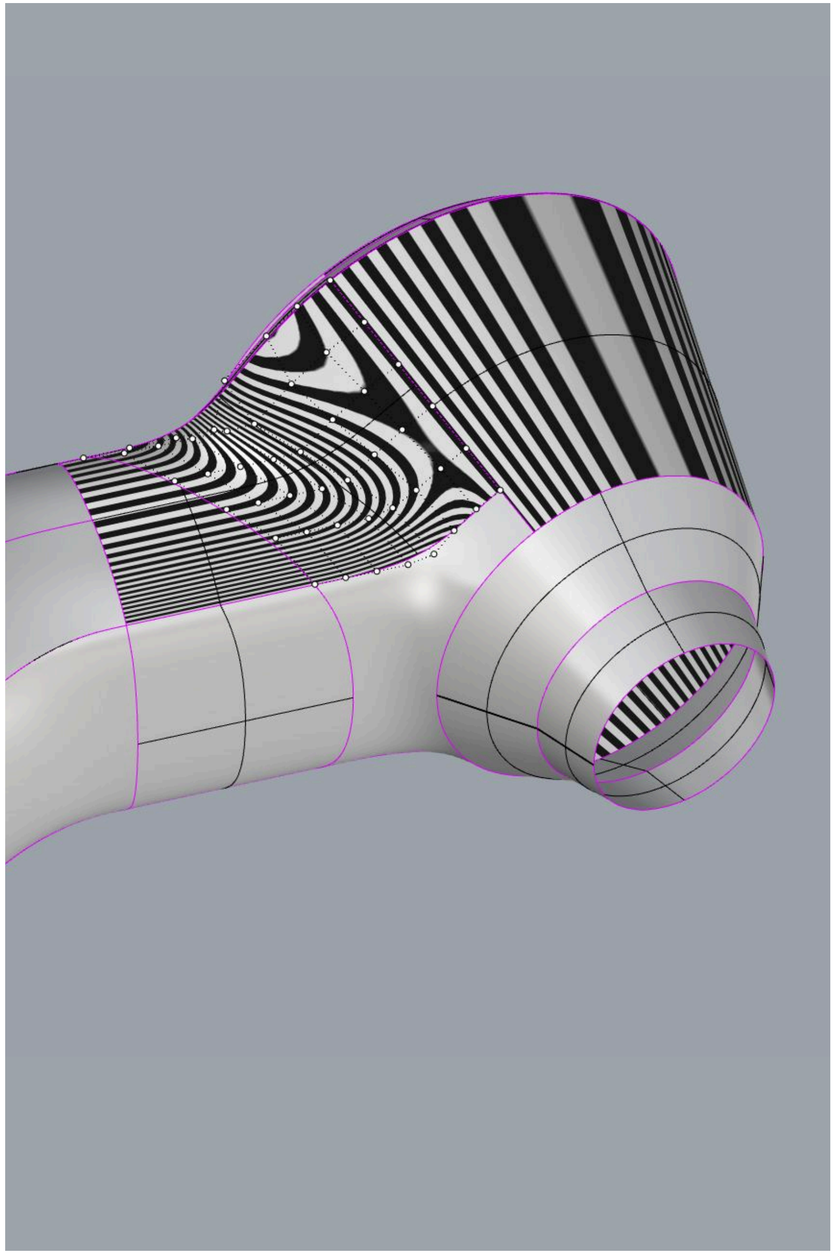


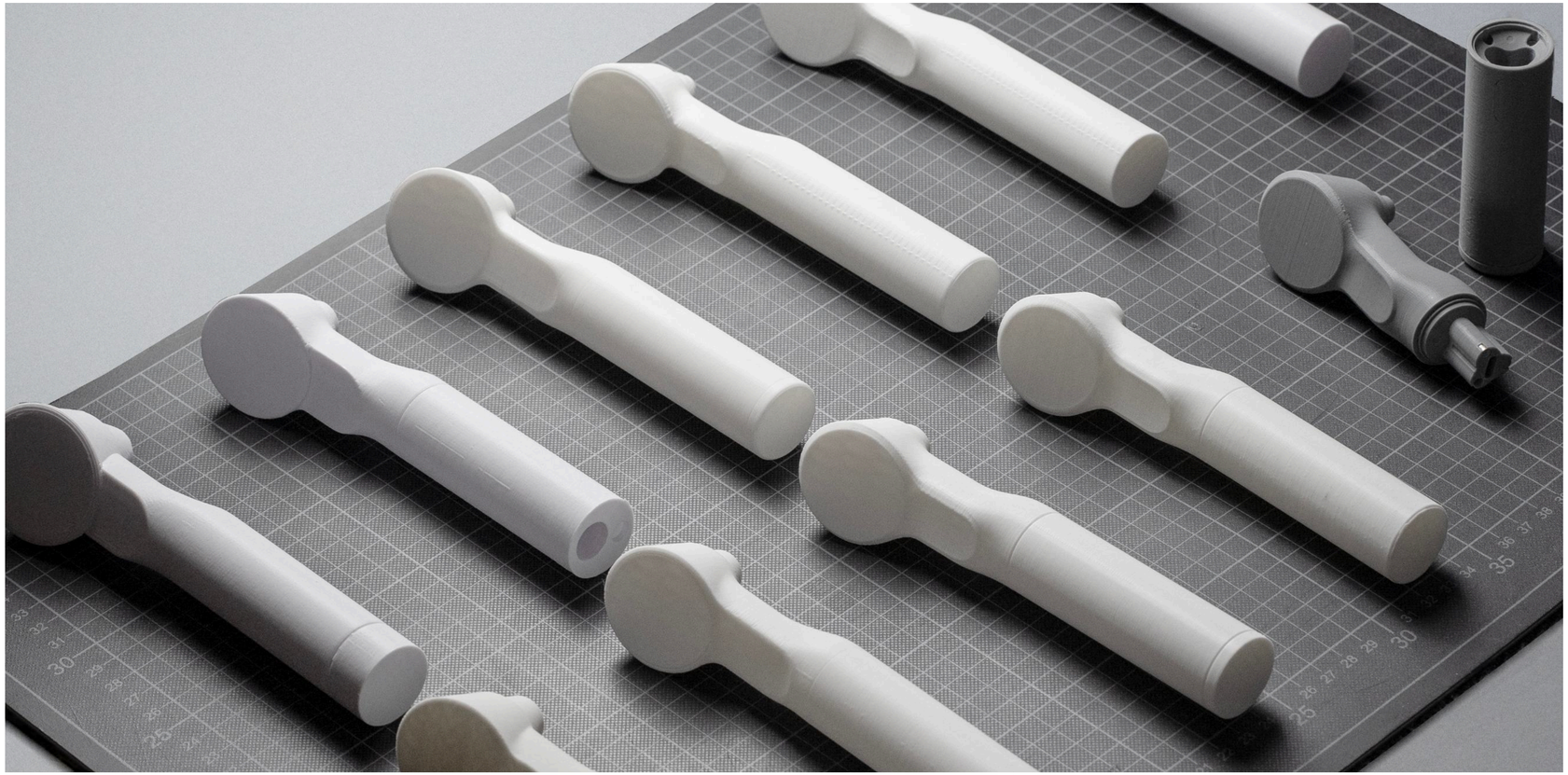


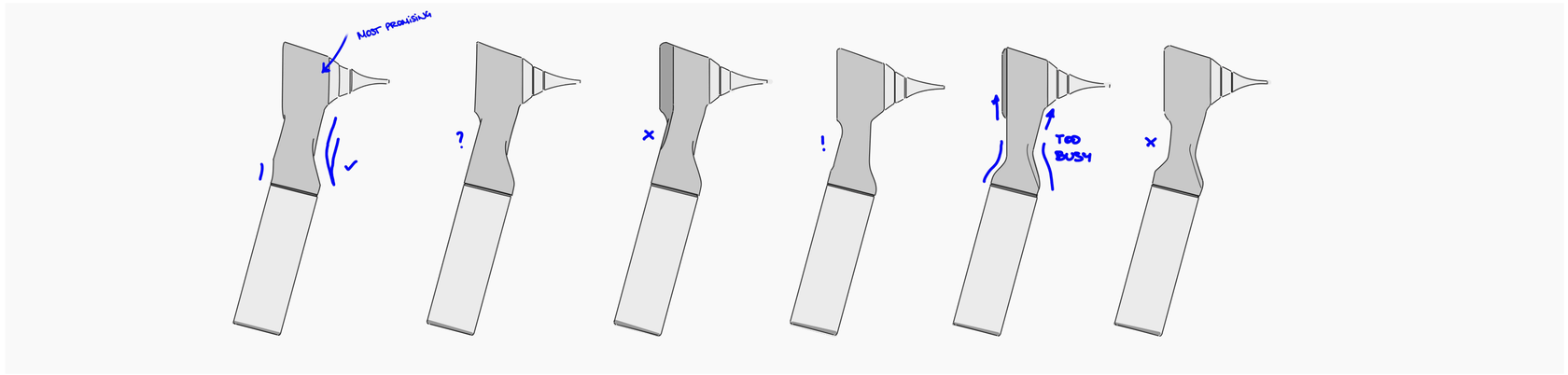











MOST PROMISING
1
?
×
!
TOO BUSY
×

approachable

Soft conturs are facing the user paired with a bright interface to guide through the delicate task of examining the ear canal. Auris is designed to be inviting.



and precise

The detailing around the camera was designed to express the precision of this professional diagnostic tool in the hands of physicians and nurses.



40mm circular display
provides a clear view at any ear drum







Pierre
Assistant Nurse
Slussfors, Sweden

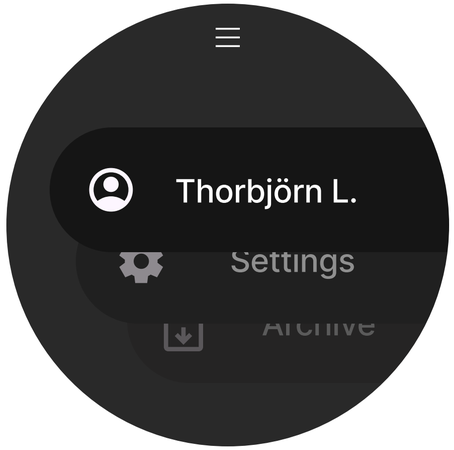


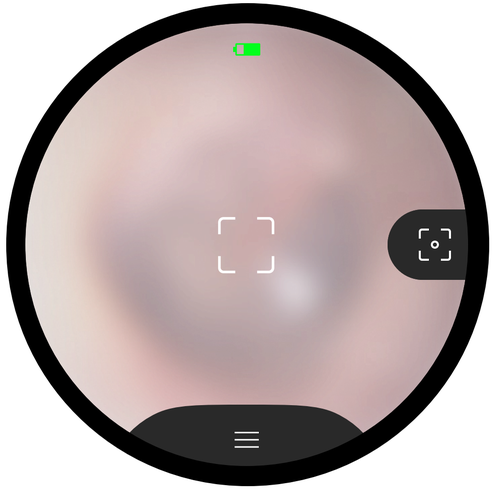
Siri
ENT Specialist
Umeå Hospital, Sweden



Auris is a video otoscope
that can be held at any angle




Thorbjörn L.
Settings
Archive

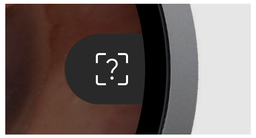


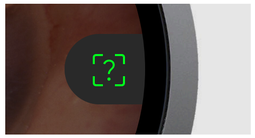












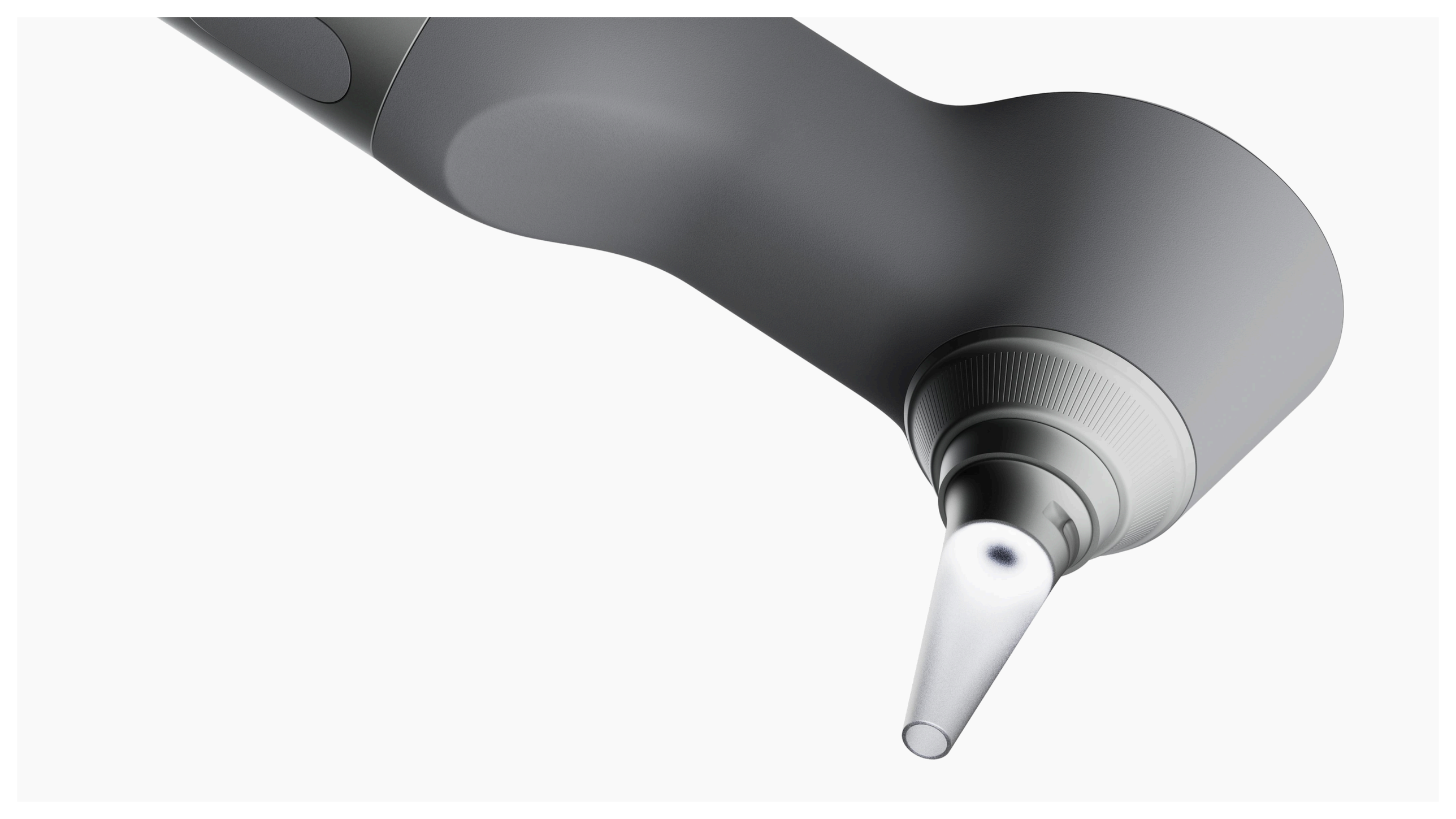

Thorbjörn L
Settings
Archive

Jabra Telemedicine

one standard handle design















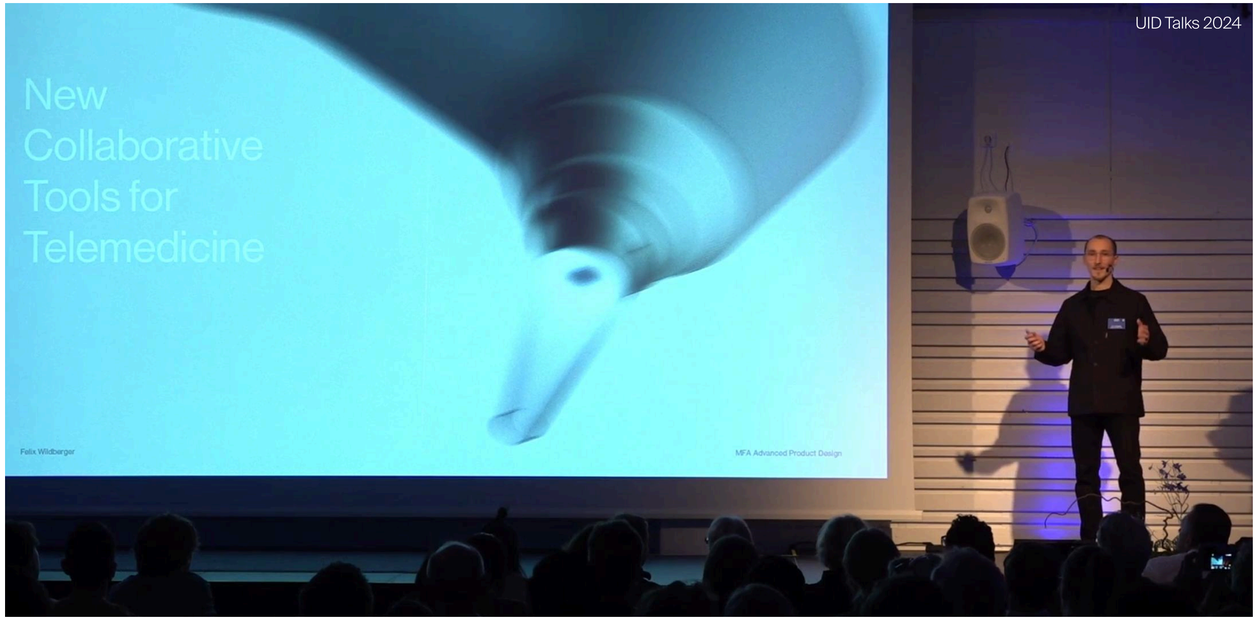



Jabra
An extended view on every patient's eardrum
auris
How might we help medical experts to take a closer look when diagnosing from far away?
auris
telemedicine
Physician / ENT
Felix Wildberger
Austria
MASTER DEGREE PROJECT - ADVANCED PRODUCT DESIGN

Master Thesis Project

Presentation at Jabra GN - March 2025









LINK

Non destructive sample analysis for Crime Scene Investigators

Team Project
2022

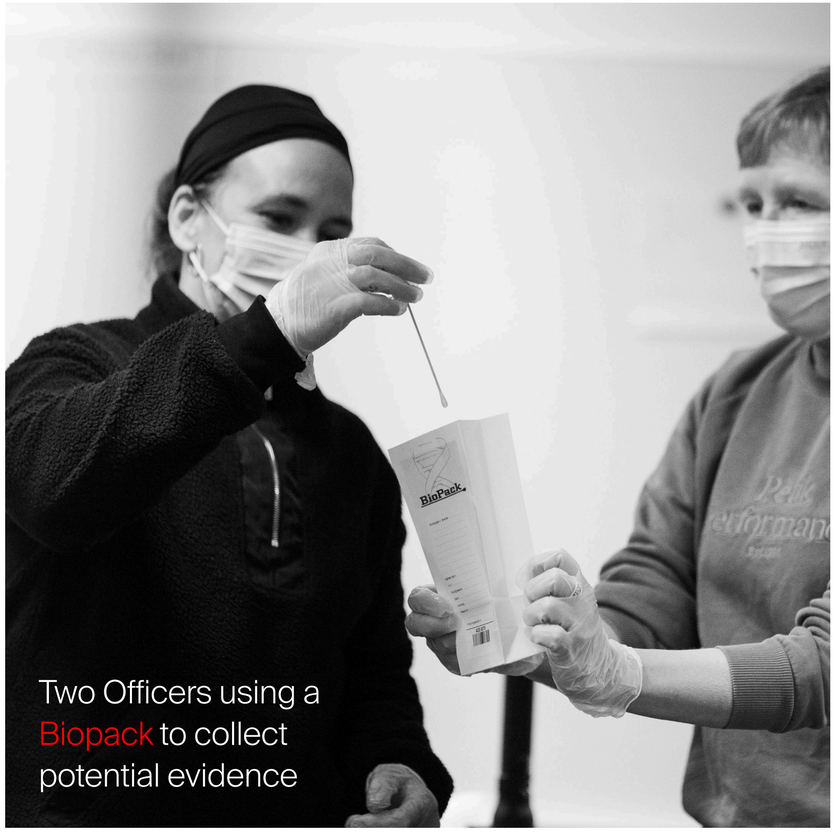
project partner: Valerie Feiertag





User Group:
Police Patrolling Officers
Crime Scene Investigators
National Forensic Centers
-
Collaboration Partner: Polisen

User Group:
Police Patrolling Officers
Crime Scene Investigators
National Forensic Centers
-
Collaboration Partner: Polisen



Two Officers using a Biopack to collect potential evidence

Hidden Hero of Law Enforcement
The cotton swab



Interviewed User Group

Patrolling Police Officer

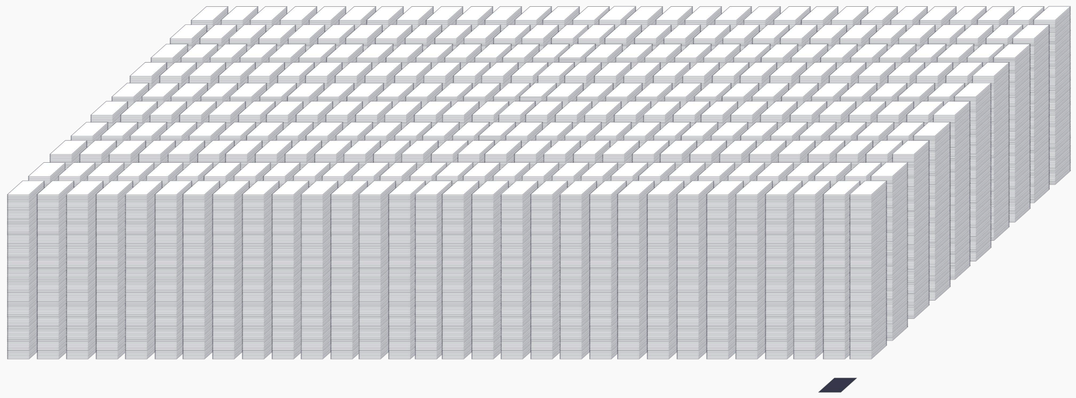
Crime Scene Investigator

Stakeholder

National Forensic Center



Swedish National Forensic Centers are flooded with thousands of samples every year. All of these samples need to be shipped to specific labs in the south of Sweden. This causes delays and a backlog in solving investigations.



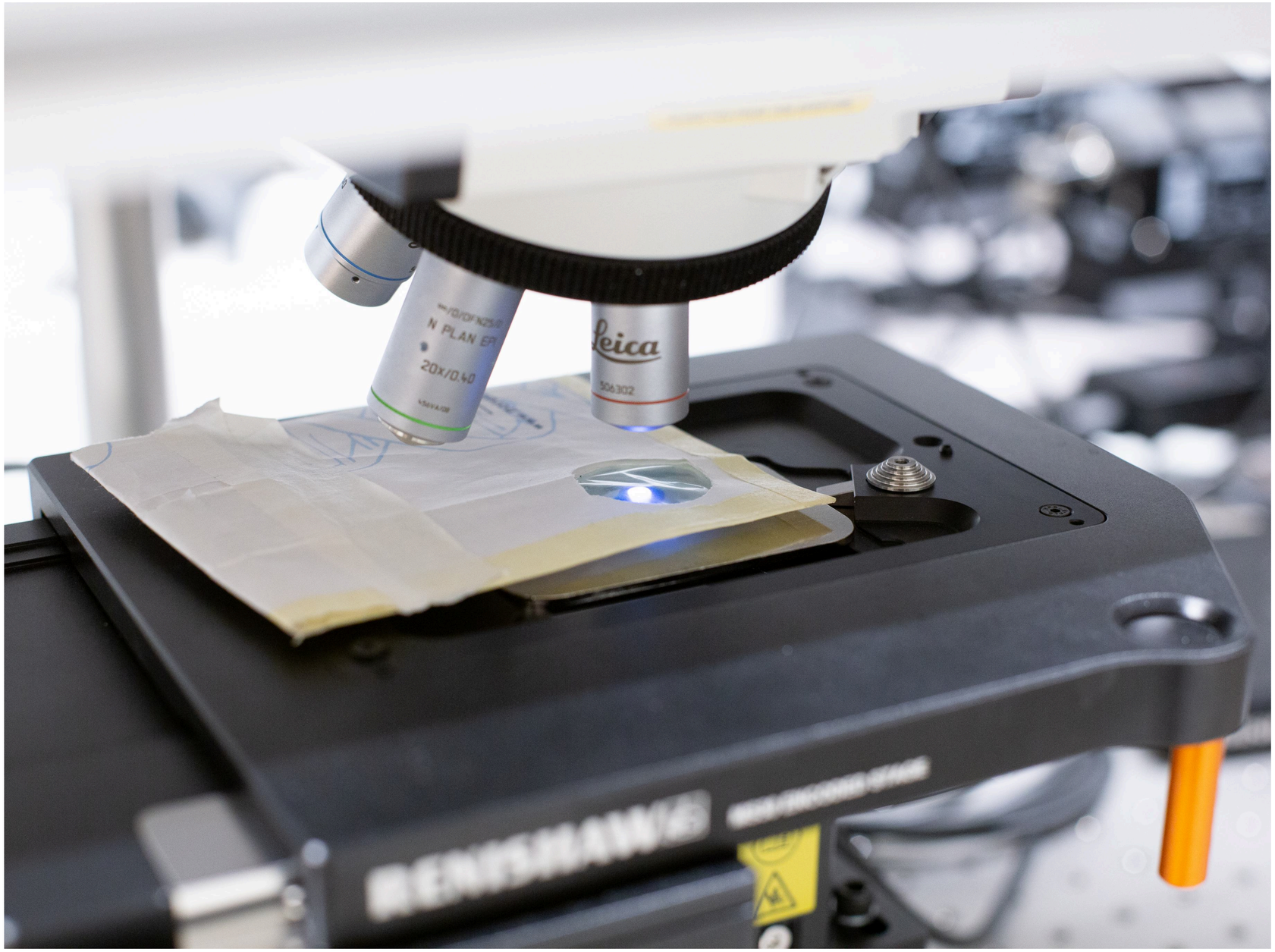
30.000 Biopacks
are sent to the Swedish National Forensic Centres annually

Which ones contain promising samples?

How might we improve the experience of selecting, securing, documenting, and filing biological traces?



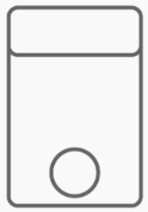
Pre-testing a sample through spectroscopy
together with a professor for chemistry
at Umeå University



Up to 20 samples are taken at a crime scene. What if we could pre-test for the most promising ones?



The concept:
Non-destructive swab / substance pre-testing



Biopack



Raman Spectroscopy Device



Reporting system

LINK

















Summary of steps today

Pain points

Analysis of existing solution

















Summary of steps with LINK

Improvements

Possible improvements to the user experience

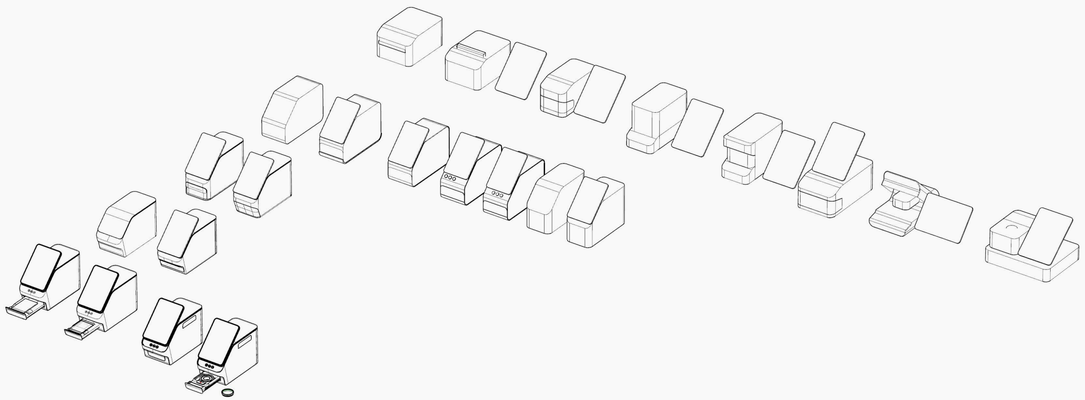
Current Solution



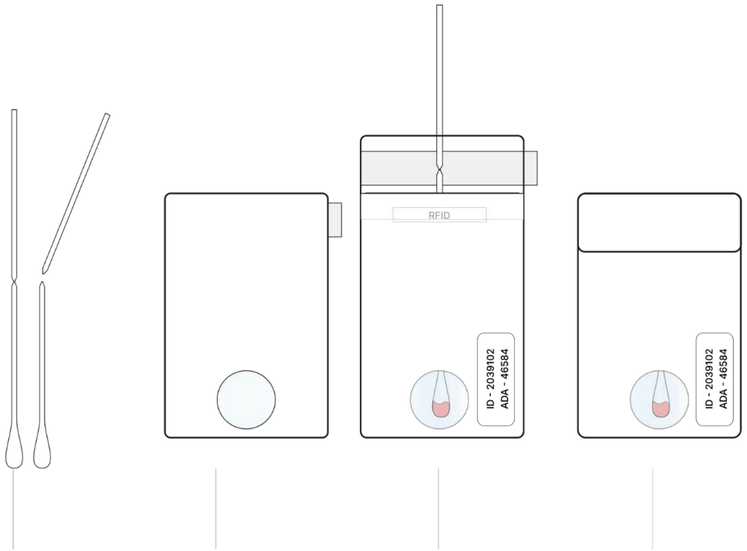
Our Redesign









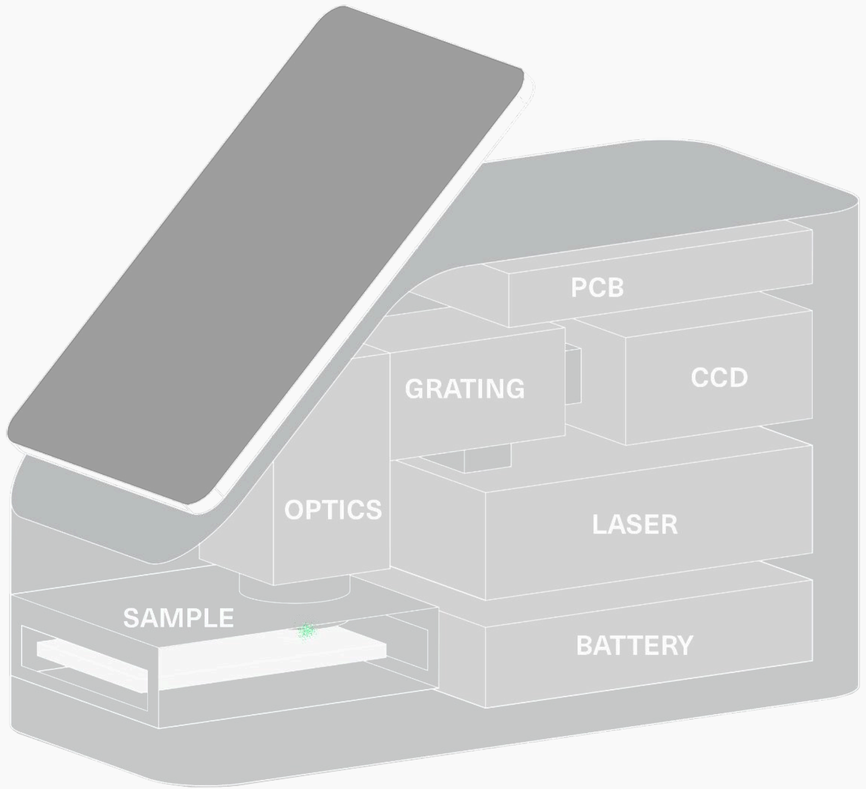


swabs break off at a specific point

position the swab at the plastic window

break off the swab and secure it with the sticker

add notes to the biopack




Case Nr
Date
Location
002831
New case
Continue
Identify evidence
12:06
LINK

Biopack mode






Andraz
Case Nr.
Date
Location
Current
002831
22.01.2022
Nyvägen 4, 924 92 Blattnicksele
Previous
012634
12.08.2021
012634
14.08.2021
012634
26.06.2021
New case
Identify evidence
Continue
12:06
02.06.2022
Umeå


12:06
02.06.2022
Umeå


Andraz
Case Nr. 002831
Sample 3 - Results
95 % Match:
Blood
Scan again
Scanned:
Quality:
Officer ID:
Biopack Nr.:
12:12 / 22.01.2022
80 % cleanness
02383743
ID - 2039102
Comparison
Base and scanned graph
Scanned graph
LINK


Andraz
Case Nr.
Date
Location
Nyvägen 4, 924 92 Blattnickselé
Current
002831
22.01.2022
Previous
012634
12.08.2021
012634
14.08.2021
012634
26.08.2021
Continue
New case
12:06
02.06.2022
Umeå
LINK

CHAIR 251



Bachelor Thesis Project

FH Joanneum
2021



















Eluxir

Team Project
in collaboration with
Electrolux

Umeå Institute of Design
2021

Project partners:
Adrian Heymann
Emile Chuffart



Team Project / Umeå Institute of Design







Cisco Webcast

Team Project
in collaboration with Cisco

Umeå Institute of Design
2022

Project partner:
Nils Achenbach



Cisco Webcast

What if Cisco created devices for podcasters?

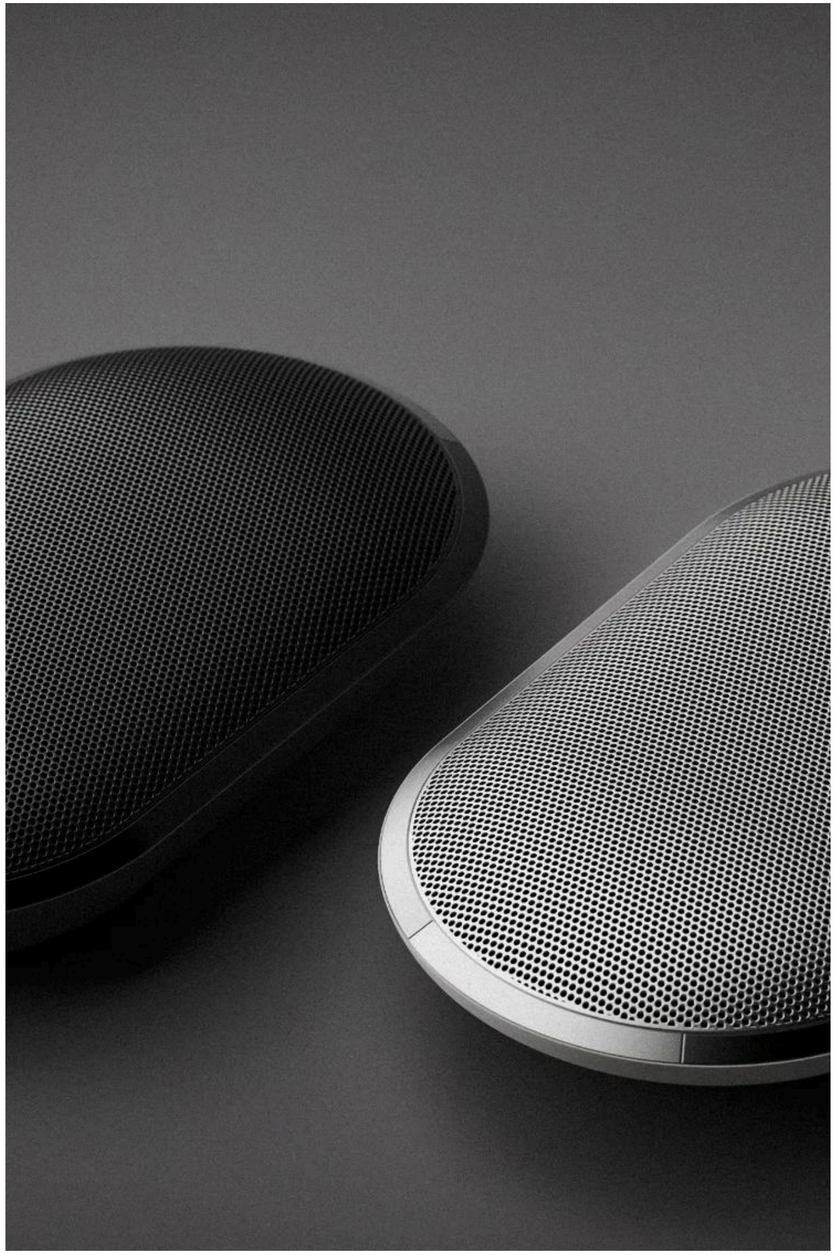






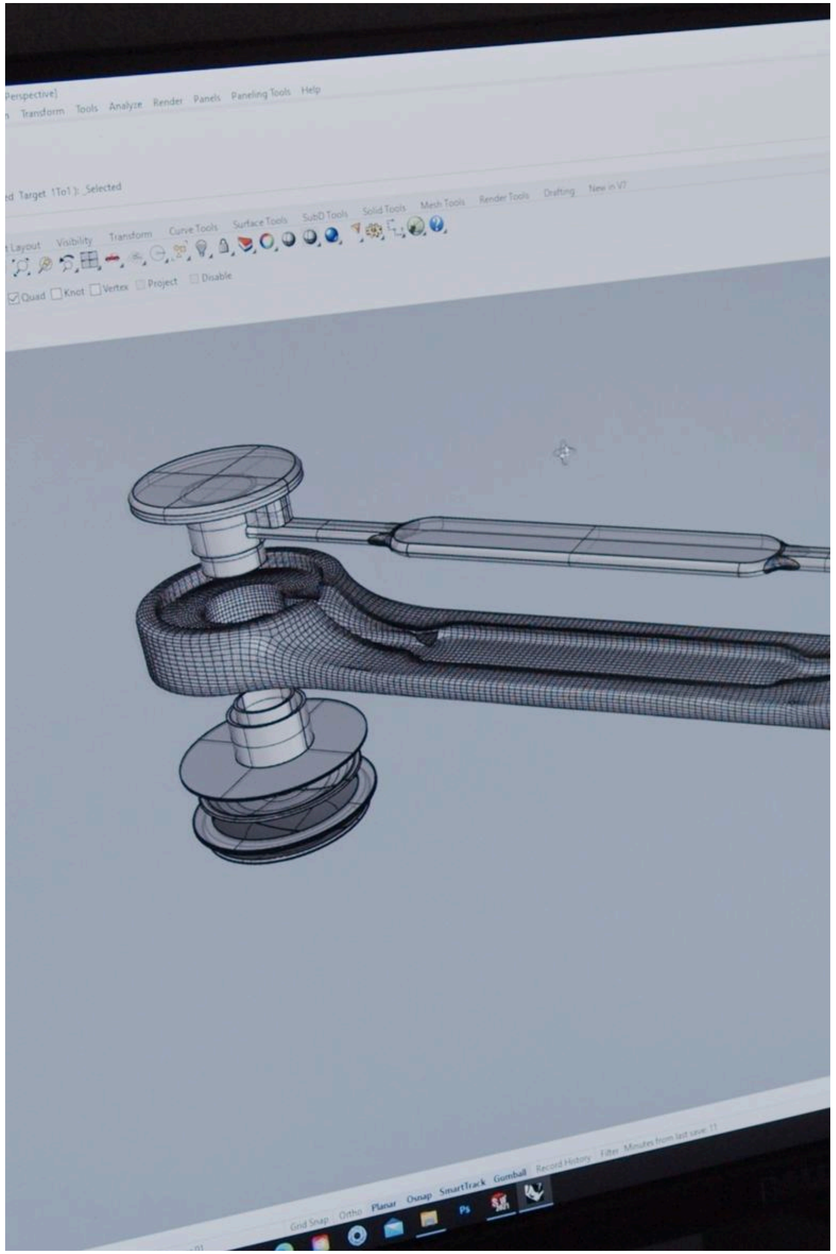

9:41 AM
Recording
Recording Studio | PopArt Podcast
Recording in progress
Episode #10 "Todays Guest: Mel Hawgood"
Your setup
Mel's setup
Request mic
04:05.05







Team Project / Umeå Institute of Design







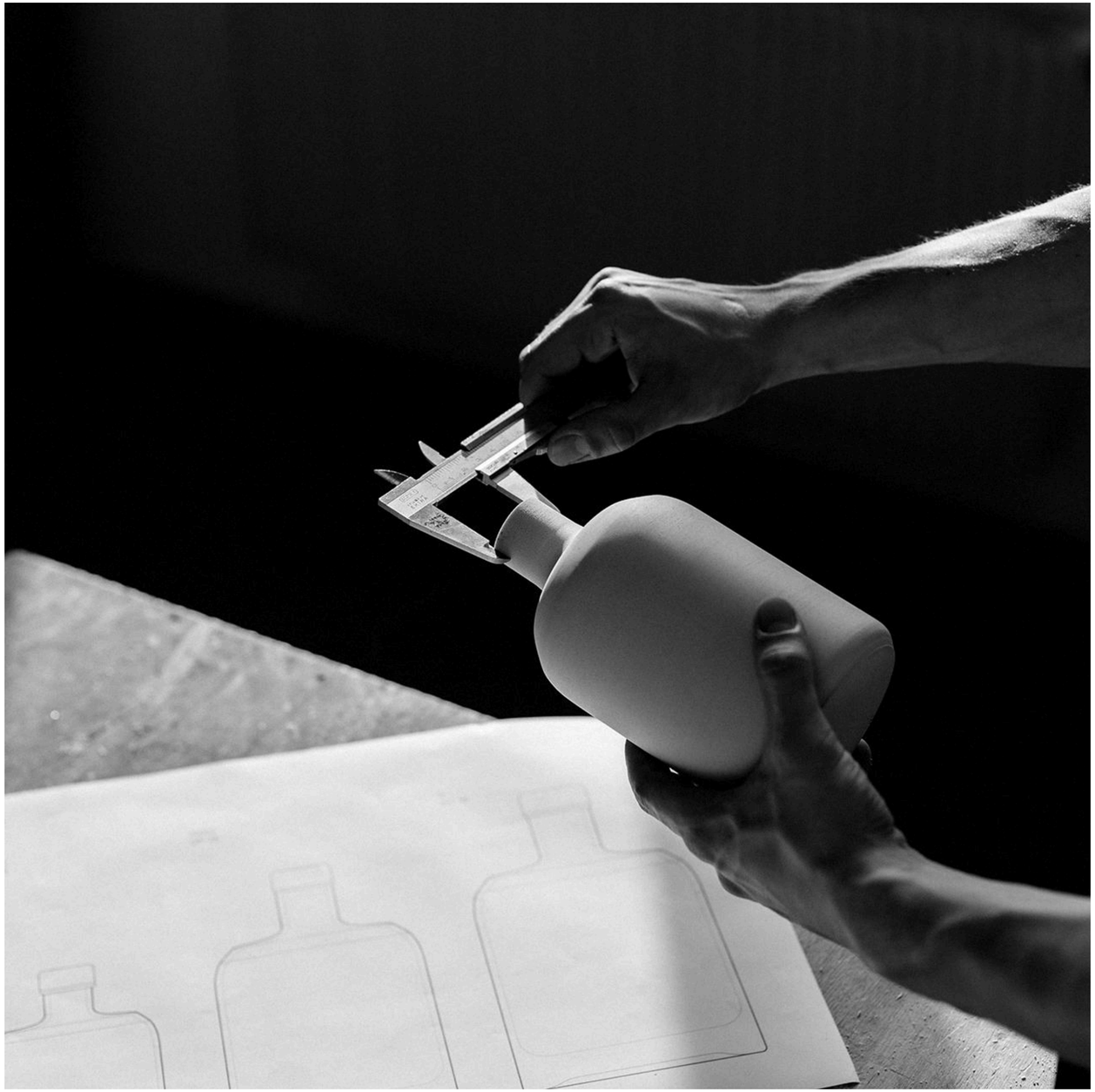


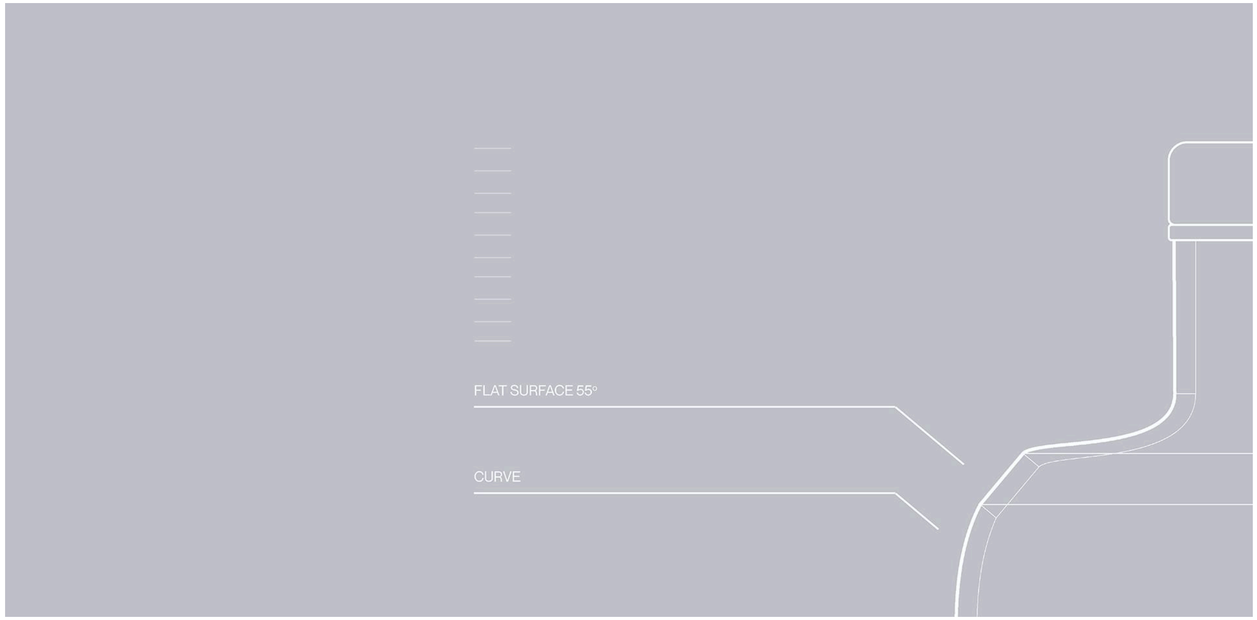
Spirit Bottle



in collaboration with Müller Glas

FH Joanneum
2018

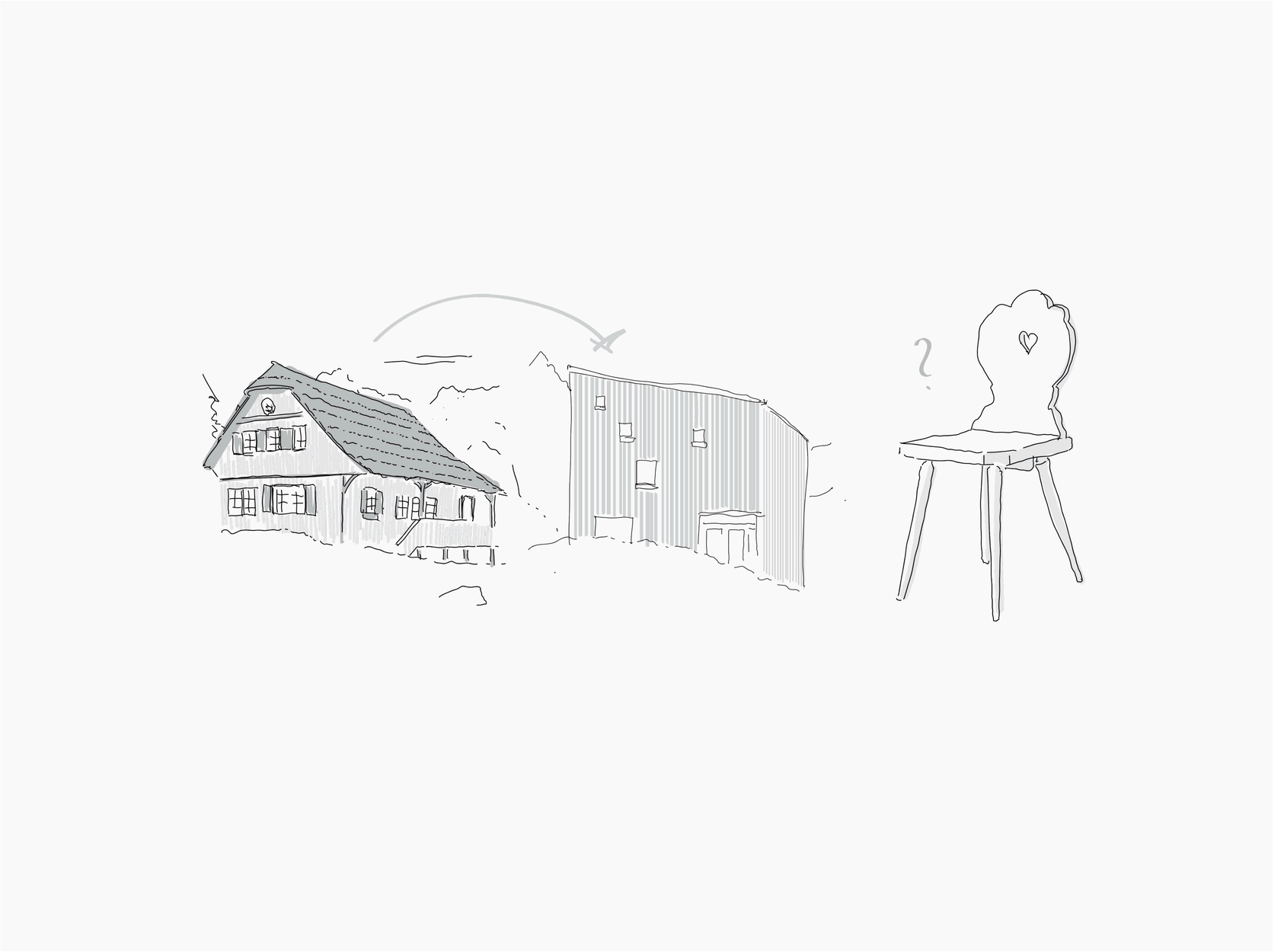



FLAT SURFACE 55°
CURVE


350ml
GPI 24
700ml
GPI 28
1l
GPI 30
100ml
GPI 24
350ml
GPI 28
500ml
GPI 28


MODERN
PROGRESSIVE
DISTILLERY
JAMES
1

Alpine Chair



competition submission

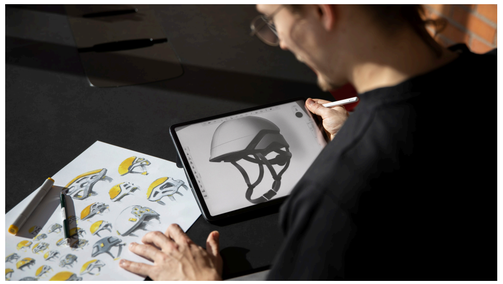
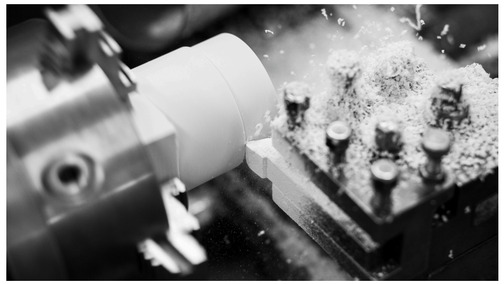













Thank you for taking a look!
Stay tuned for updates online

felixwildberger.design@gmail.com
+43699 18113267

www.felixwildberger.com