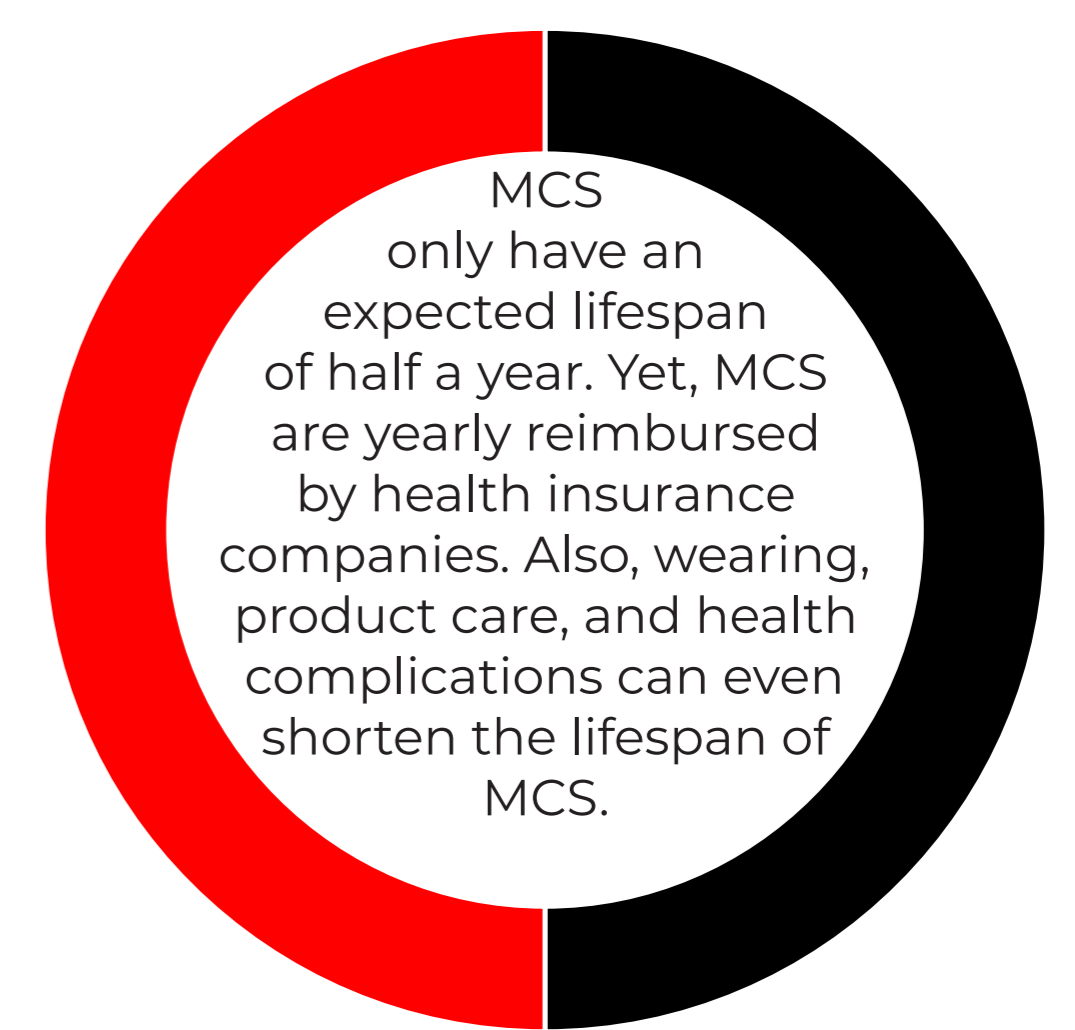
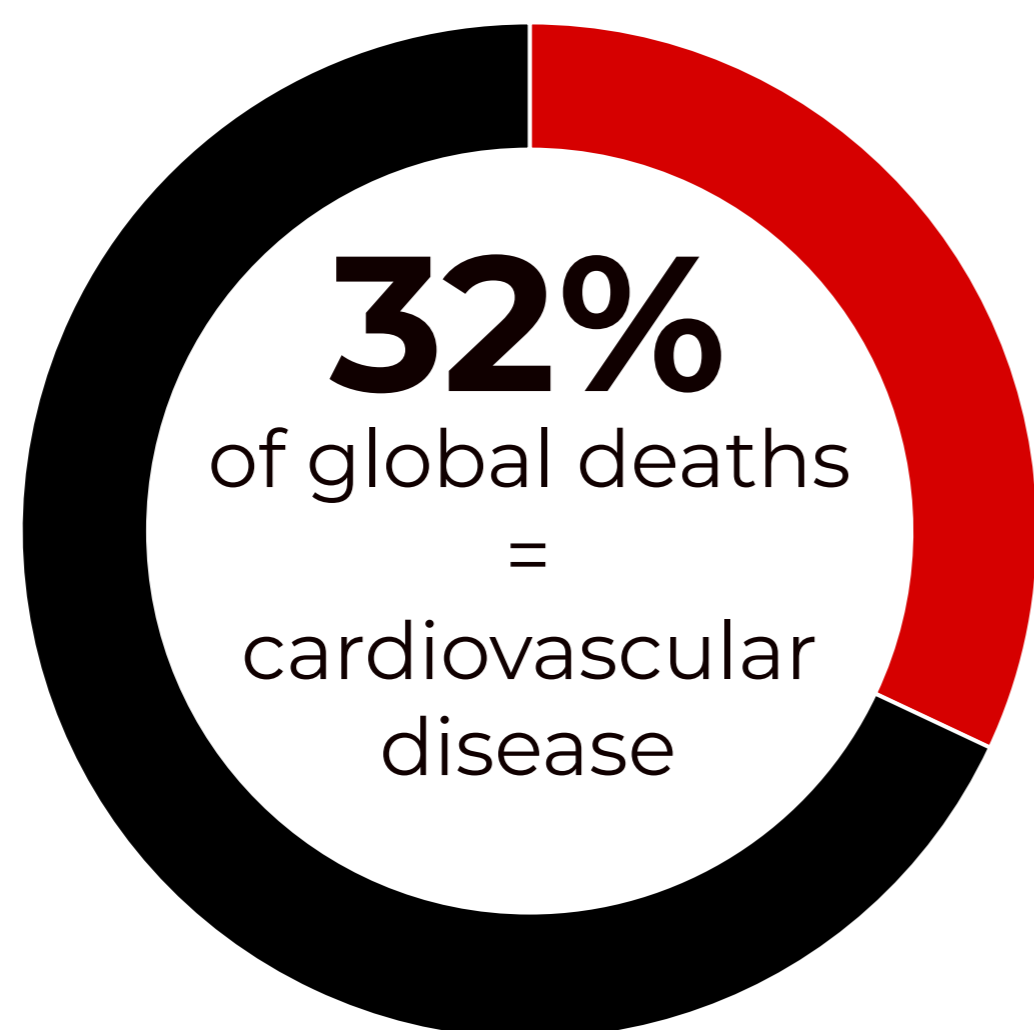
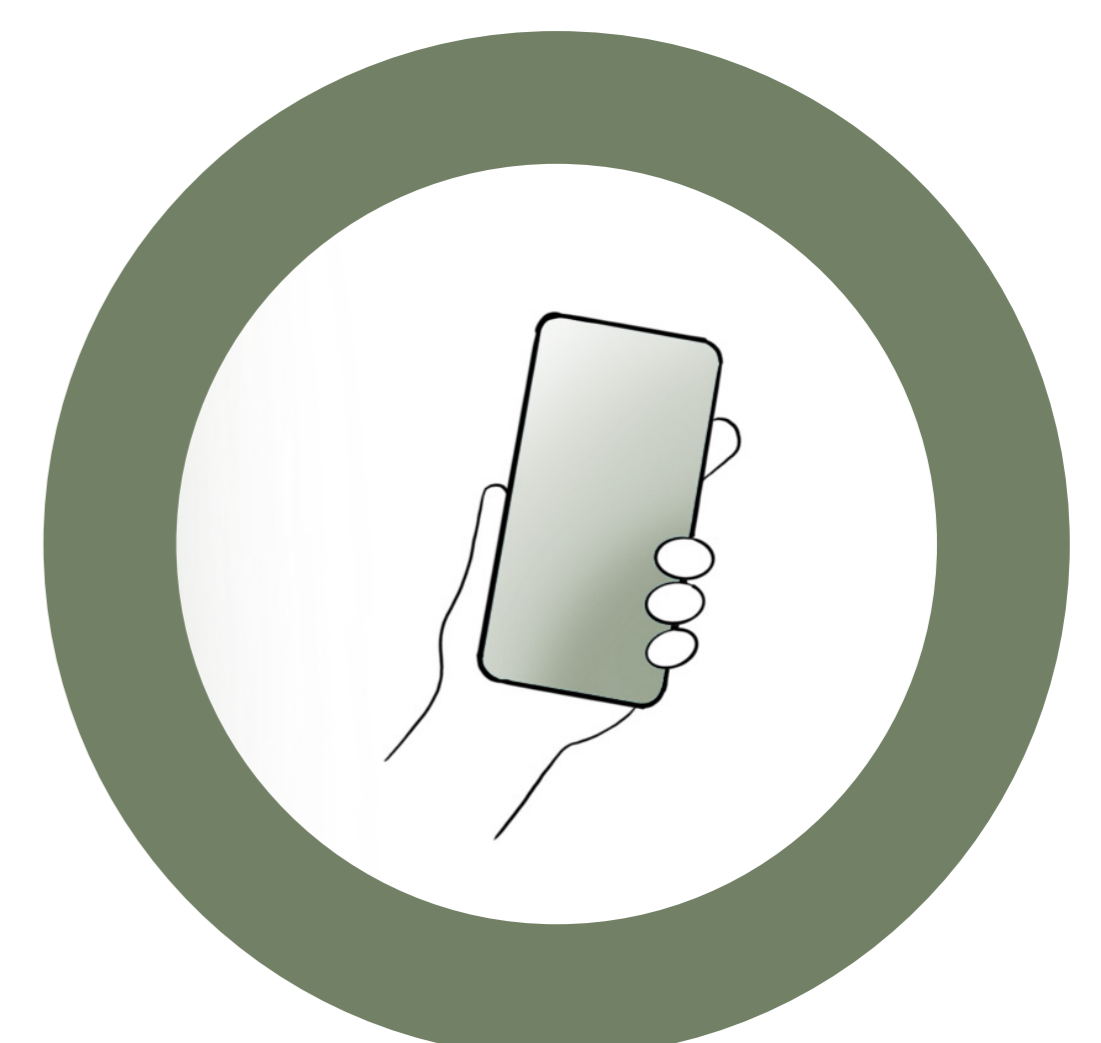
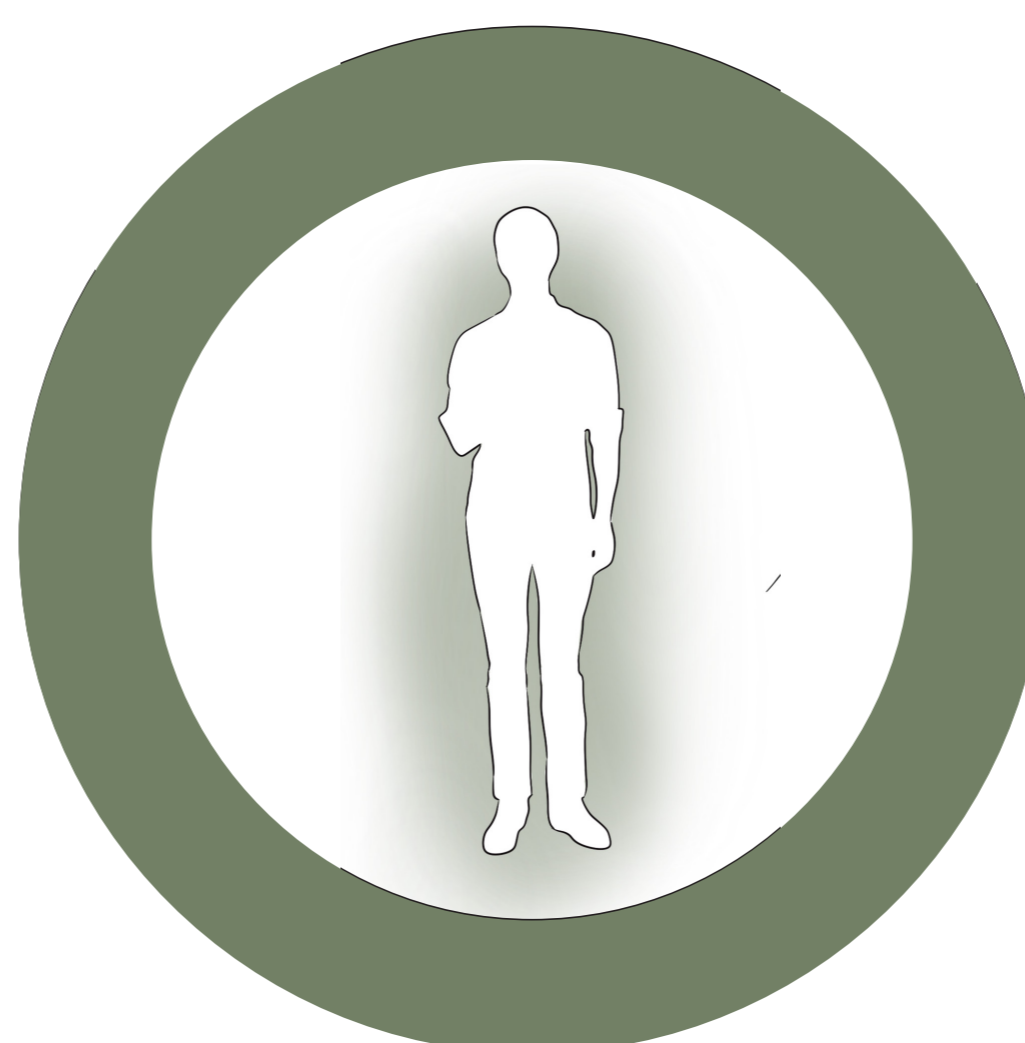


DESIGNING COMPRESSION GARMENTS WITH INTEGRATED SENSORS FOR ENHANCED MONITORING & TREATMENT

PROBLEM



FOCUS



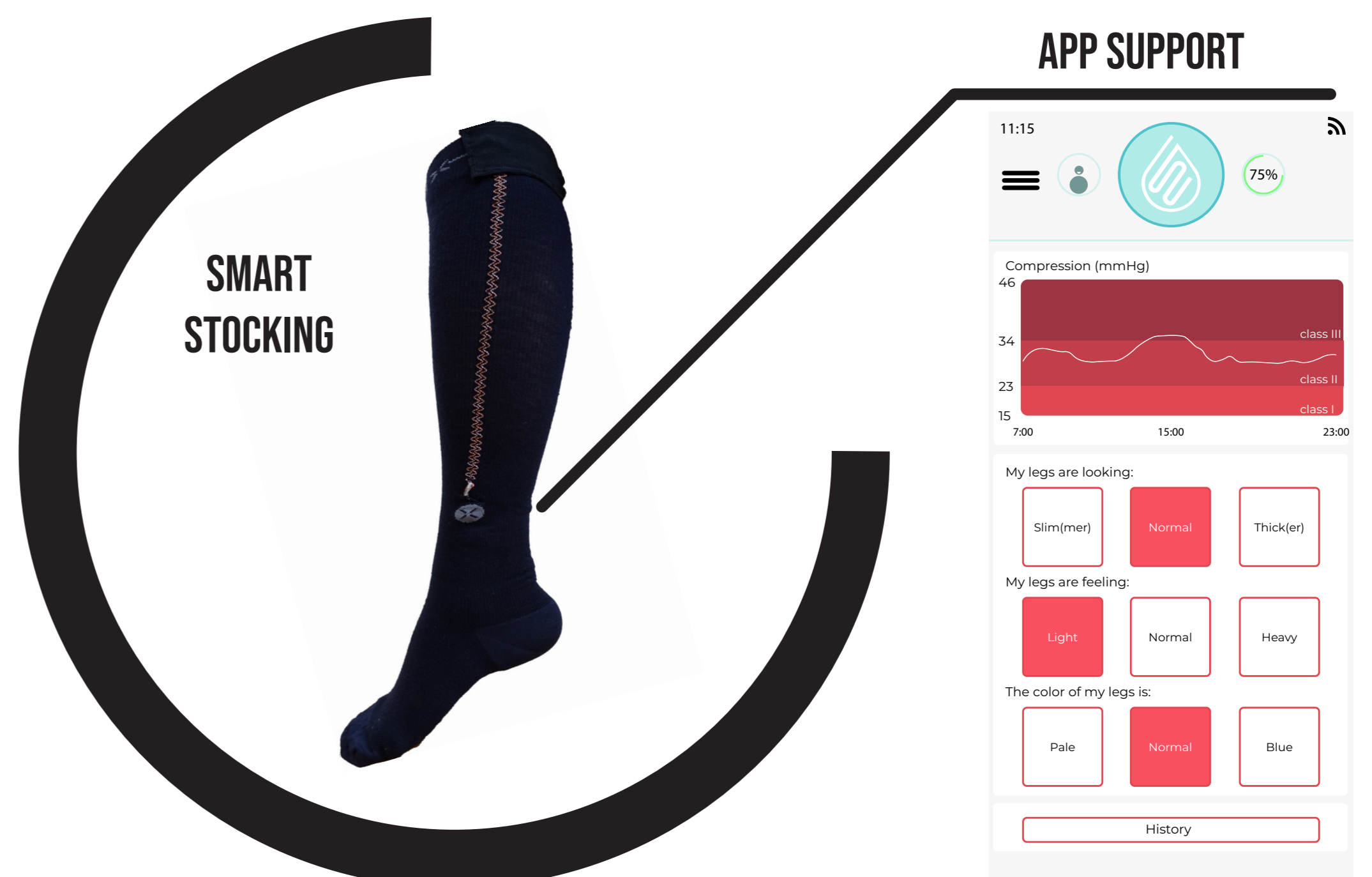
SOLUTION

The smart stocking is a marine blue compression stocking, with an integrated FSR sensor to measure the compression.

By constantly validating the MCS, users gain ownership over the quality of their compression therapy.

Also, compression monitoring gives information about the level of fitness of the user. Together with a vascular surgeon, guidelines are set up.

The combination of the smart stocking with the app has the potential to give medical recommendations to users.



Hidde Hijlkema
Designing compression garments with integrated sensors for enhanced monitoring & treatment
15 June 2023
Integrated Product Design

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