Knowledge Media Institute

CARRE

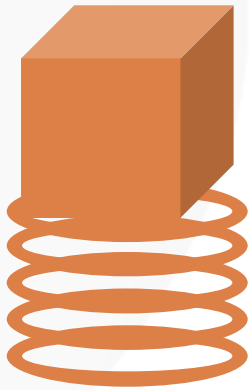
PERSONALIZED PATIENT EMPOWERMENT

The Open University

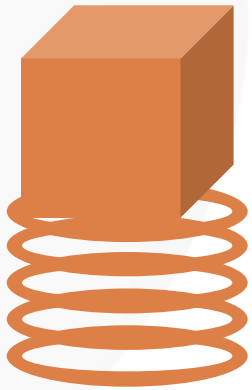
Activity Trackers

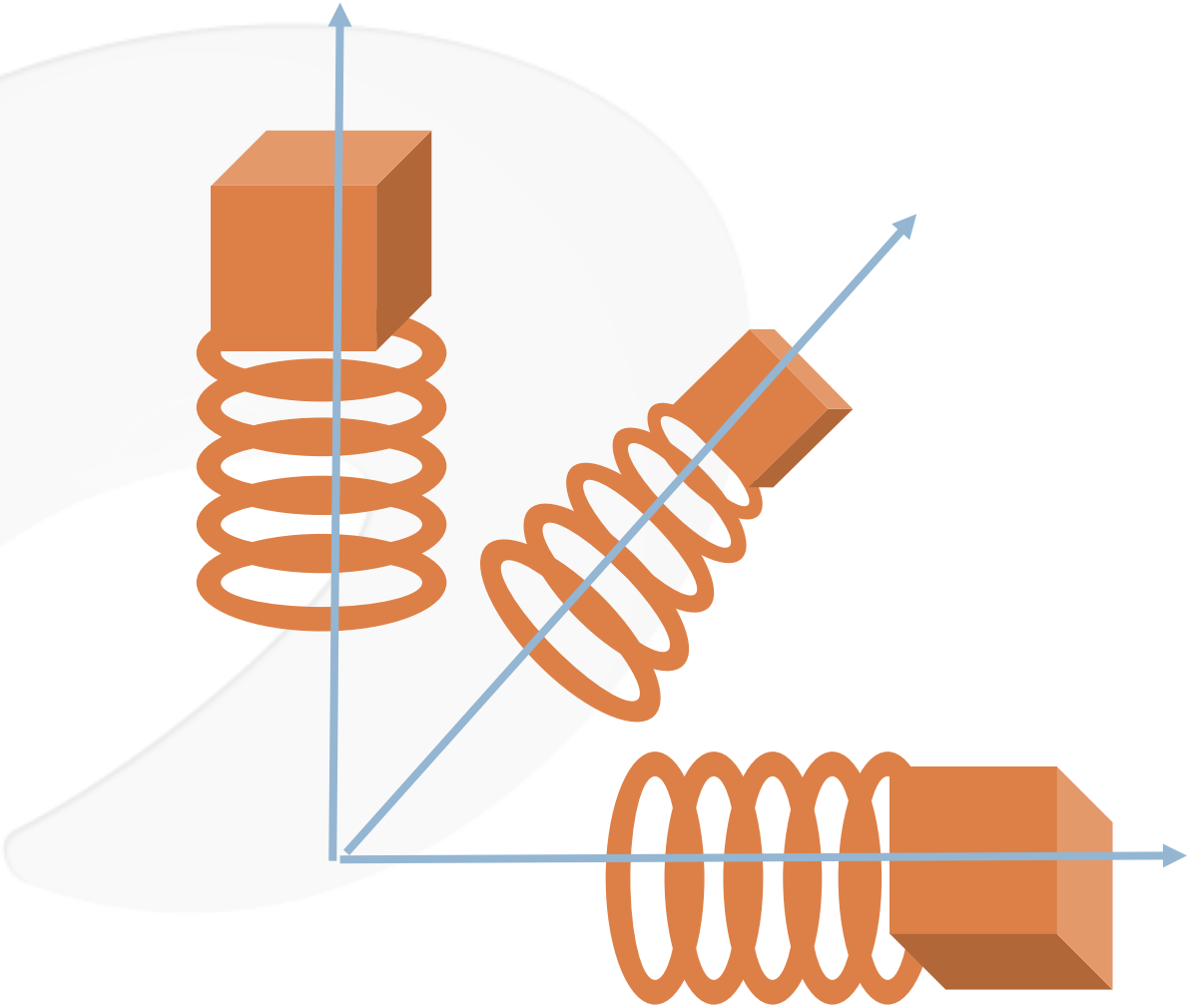
Activity trackers

How do they work?



The Open University

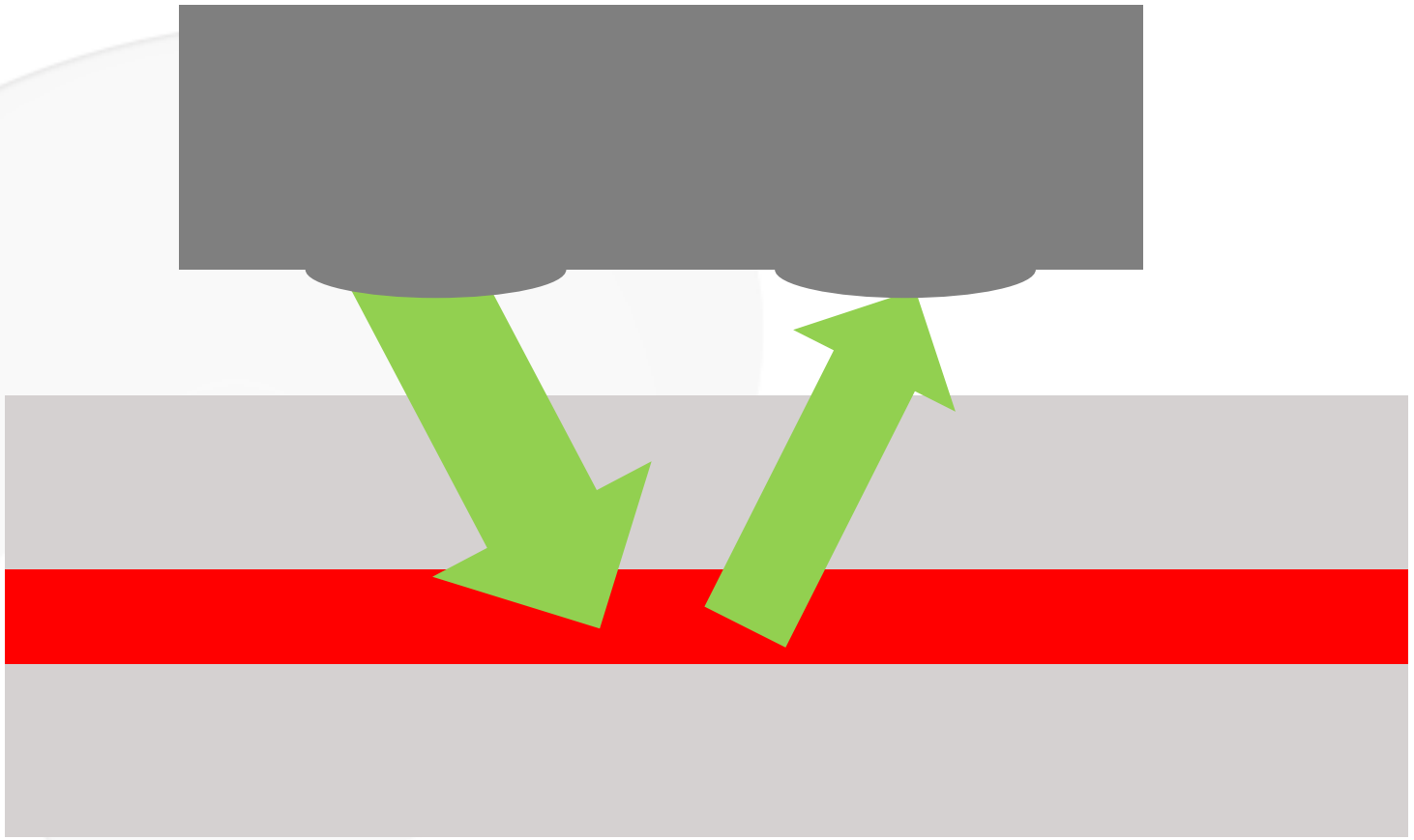


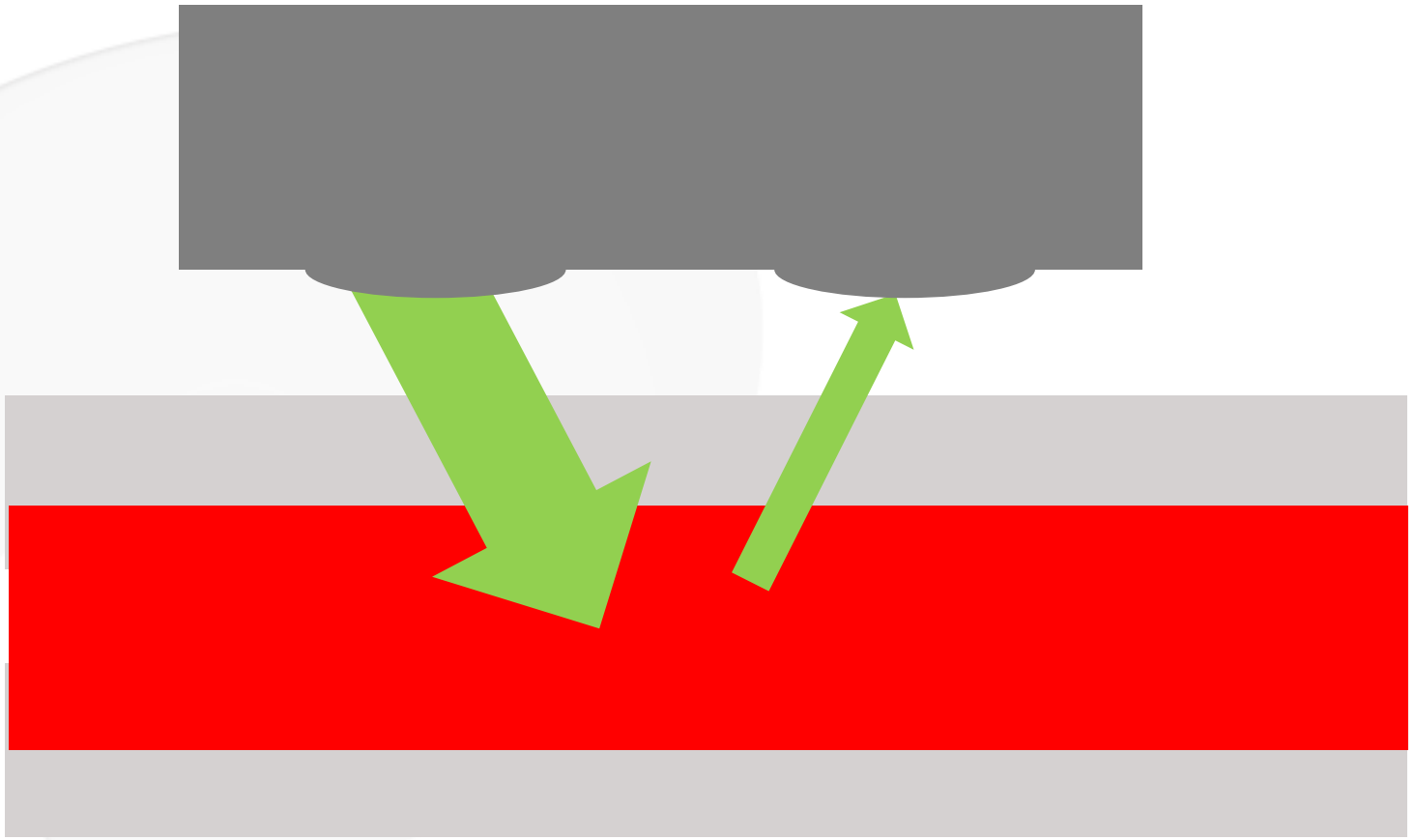


Heart Rate Monitors

Heart rate monitors

How do they work?

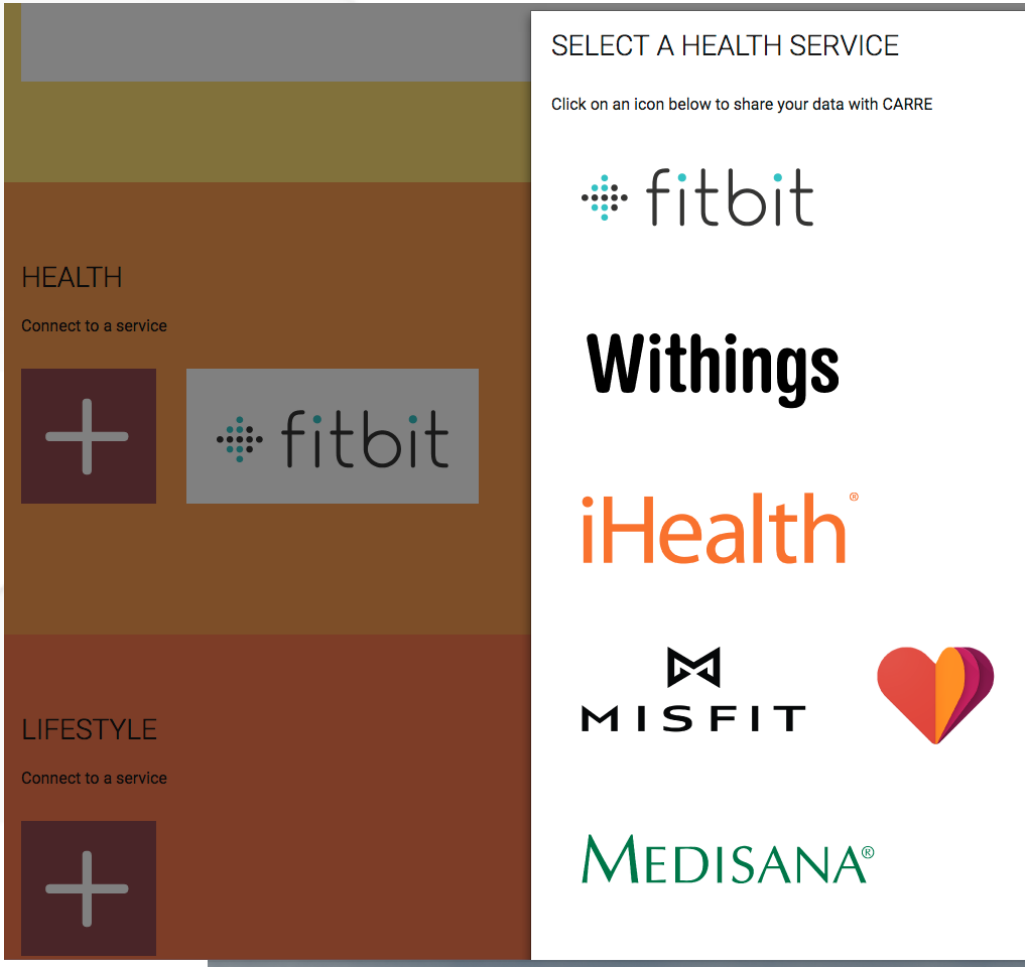




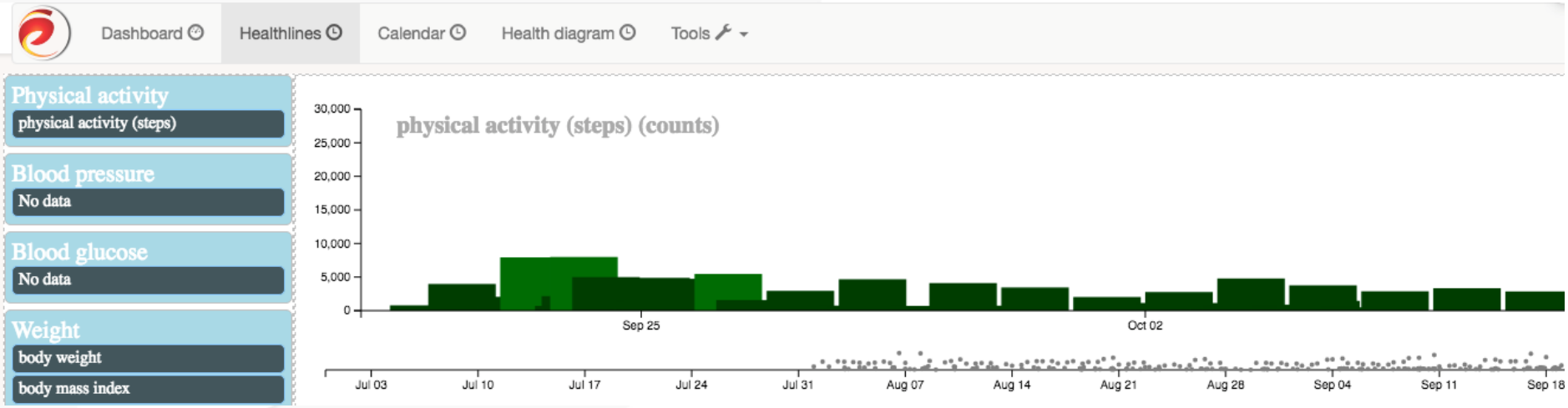
Accuracy

The CARRE System

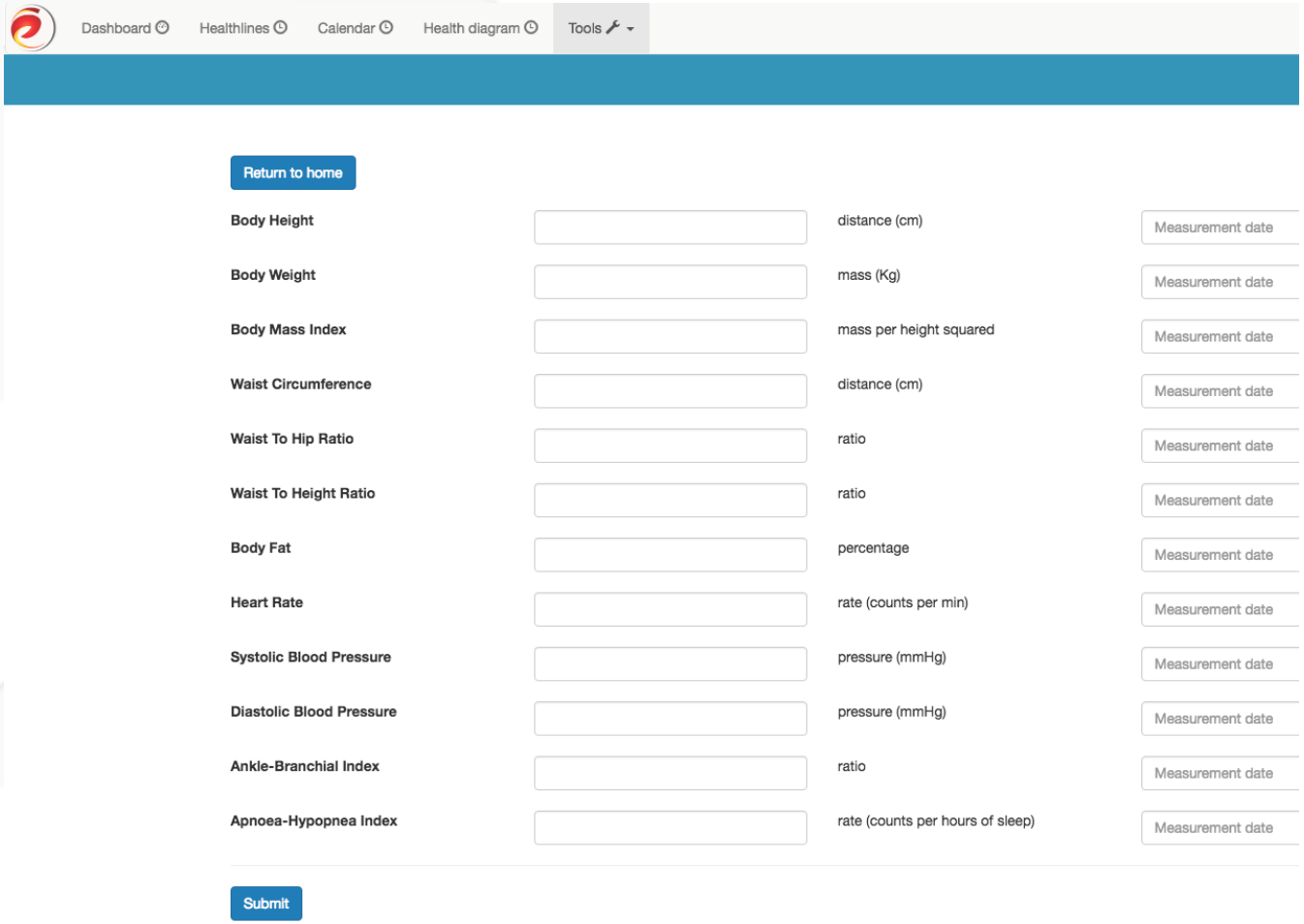
CARRE


HEALTH
Connect to a service
fitbit
LIFESTYLE
Connect to a service
SELECT A HEALTH SERVICE
Click on an icon below to share your data with CARRE
fitbit
Withings
iHealth
MISFIT
MEDISANA

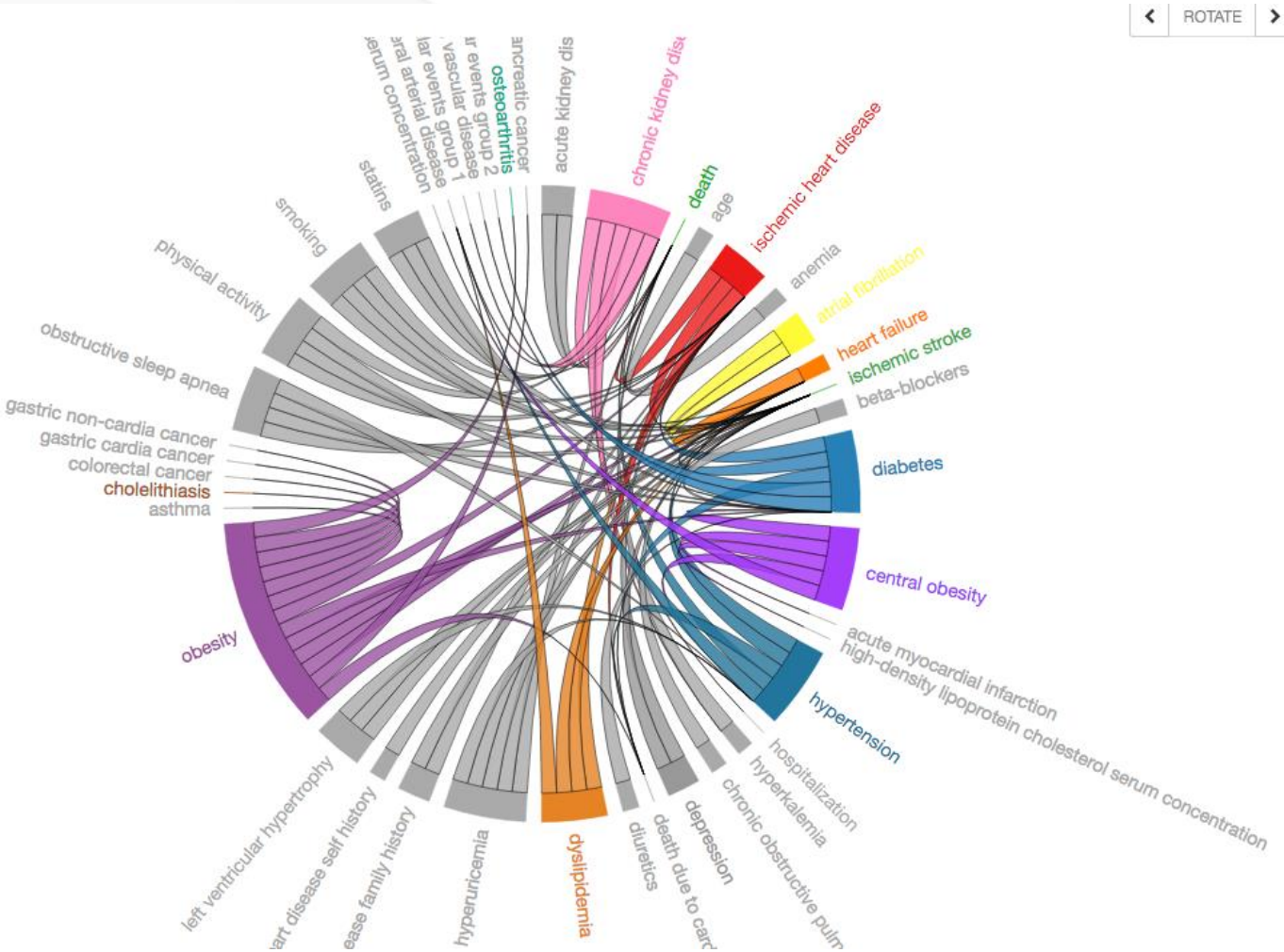
CARRE


Dashboard
Healthlines
Calendar
Health diagram
Tools
Physical activity
physical activity (steps)
Blood pressure
No data
Blood glucose
No data
Weight
body weight
body mass index
physical activity (steps) (counts)
30,000
25,000
20,000
15,000
10,000
5,000
0
Sep 25
Oct 02
Jul 03
Jul 10
Jul 17
Jul 24
Jul 31
Aug 07
Aug 14
Aug 21
Aug 28
Sep 04
Sep 11
Sep 18

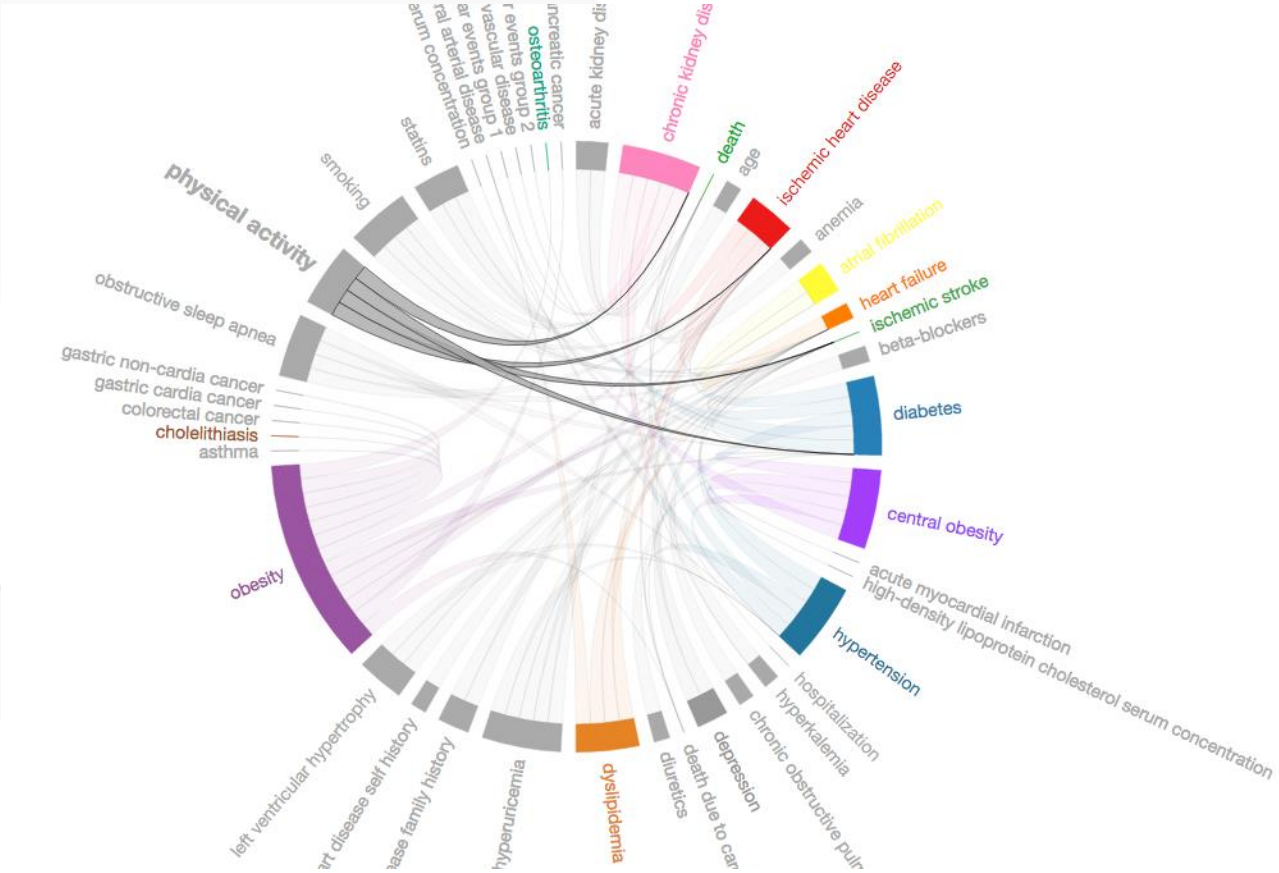
CARRE


Dashboard
Healthlines
Calendar
Health diagram
Tools
Return to home
Body Height
distance (cm)
Measurement date
Body Weight
mass (Kg)
Measurement date
Body Mass Index
mass per height squared
Measurement date
Waist Circumference
distance (cm)
Measurement date
Waist To Hip Ratio
ratio
Measurement date
Waist To Height Ratio
ratio
Measurement date
Body Fat
percentage
Measurement date
Heart Rate
rate (counts per min)
Measurement date
Systolic Blood Pressure
pressure (mmHg)
Measurement date
Diastolic Blood Pressure
pressure (mmHg)
Measurement date
Ankle-Branchial Index
ratio
Measurement date
Apnoea-Hypopnea Index
rate (counts per hours of sleep)
Measurement date
Submit

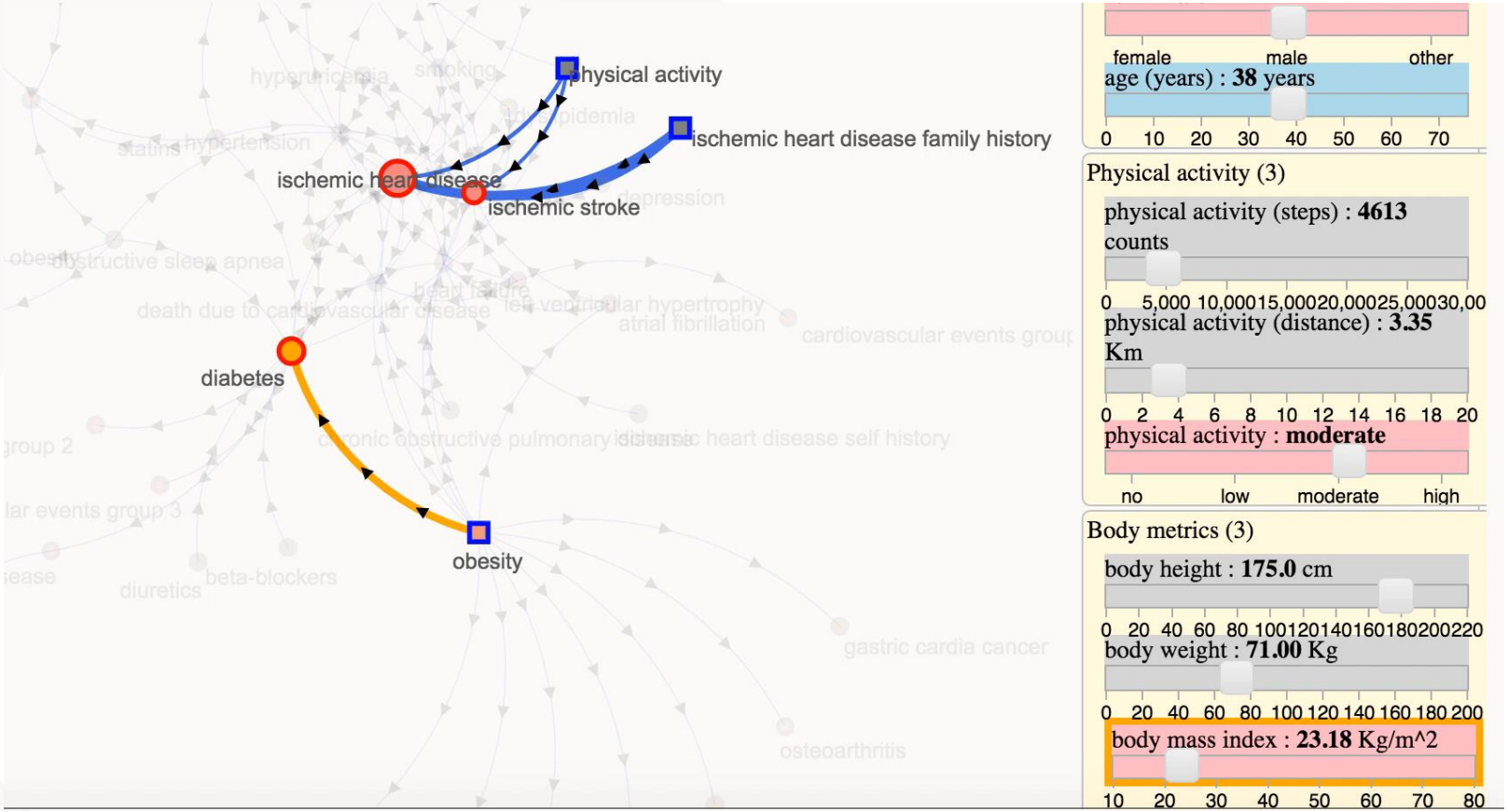
CARRE


ROTATE
acute kidney dis
chronic kidney dise
death
age
ischemic heart disease
anemia
atrial fibrillation
heart failure
ischemic stroke
beta-blockers
diabetes
central obesity
acute myocardial infarction
high-density lipoprotein cholesterol serum concentration
hypertension
hospitalization
hyperkalemia
chronic obstructive pulm
depression
death due to card
diuretics
dyslipidemia
hyperuricemia
ease family history
art disease self history
left ventricular hypertrophy
obesity
gastric non-cardia cancer
gastric cardia cancer
colorectal cancer
cholelithiasis
asthma
obstructive sleep apnea
physical activity
smoking
statins
erum concentration
ral arterial disease
lar events group 1
r vascular disease
r events group 2
osteoarthritis
ancreatic cancer

CARRE


acute kidney dis
chronic kidney dis
death
age
ischemic heart disease
anemia
atrial fibrillation
heart failure
ischemic stroke
beta-blockers
diabetes
central obesity
acute myocardial infarction
high-density lipoprotein cholesterol serum concentration
hypertension
hospitalization
hyperkalemia
chronic obstructive pulr
depression
death due to car
diuretics
dyslipidemia
hyperuricemia
ease family history
rt disease self history
left ventricular hypertrophy
obesity
asthma
cholelithiasis
colorectal cancer
gastric cardia cancer
gastric non-cardia cancer
obstructive sleep apnea
physical activity
smoking
statins
arum concentration
ral arterial disease
ar events group 1
r events group 2
vascular disease
osteoarthritis
ncreatic cancer

CARRE


physical activity
ischemic heart disease family history
ischemic heart disease
ischemic stroke
diabetes
obesity
female
male
other
age (years) : 38 years
0 10 20 30 40 50 60 70
Physical activity (3)
physical activity (steps) : 4613
counts
0 5,000 10,000 15,000 20,000 25,000 30,00
physical activity (distance) : 3.35
Km
0 2 4 6 8 10 12 14 16 18 20
physical activity : moderate
no low moderate high
Body metrics (3)
body height : 175.0 cm
0 20 40 60 80 100 120 140 160 180 200 220
body weight : 71.00 Kg
0 20 40 60 80 100 120 140 160 180 200
body mass index : 23.18 Kg/m^2
10 20 30 40 50 60 70 80

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