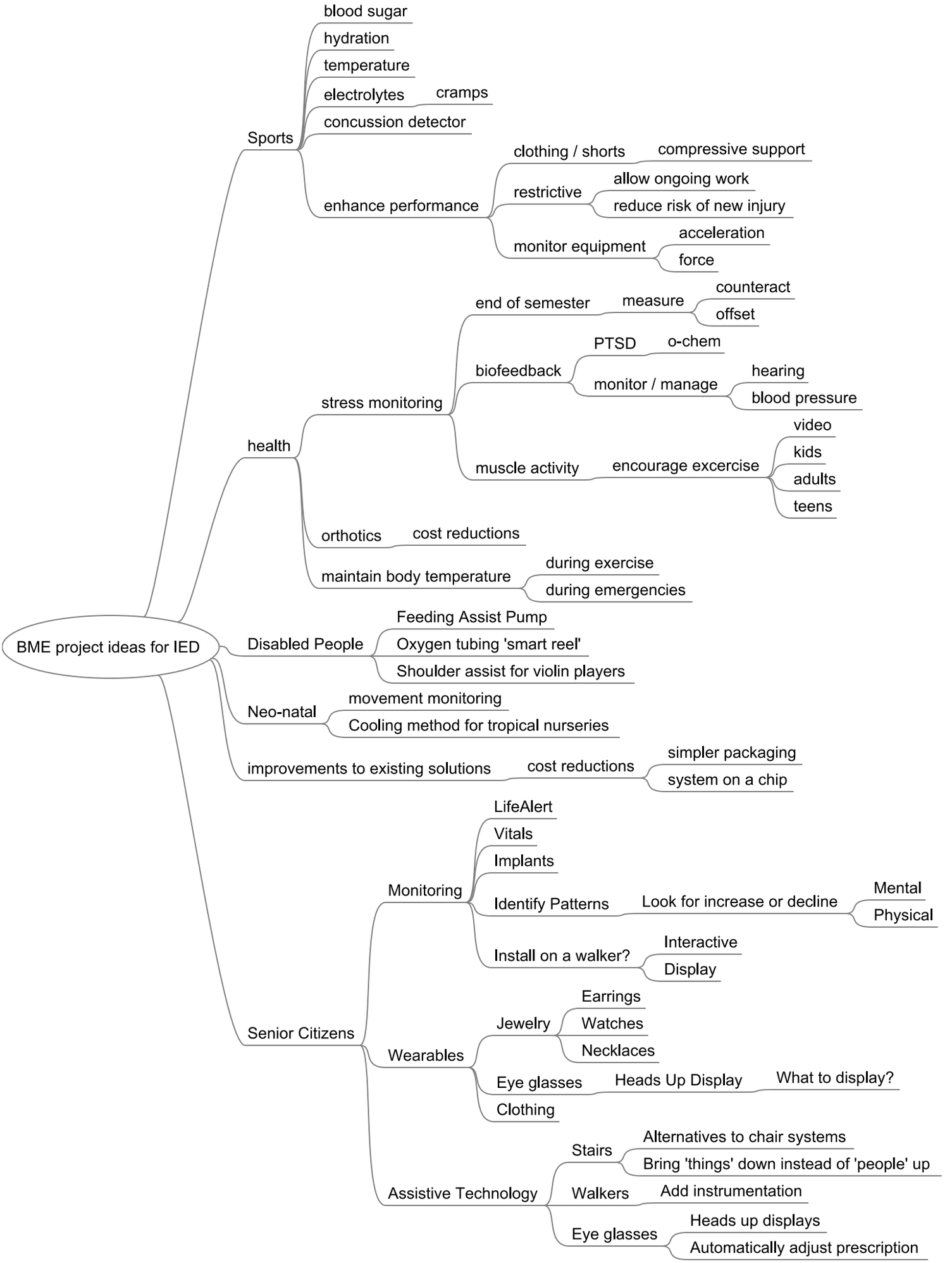
BME project ideas for IED
Sports
blood sugar
hydration
temperature
electrolytes
cramps
concussion detector
enhance performance
clothing / shorts
compressive support
restrictive
allow ongoing work
reduce risk of new injury
monitor equipment
acceleration
force
health
stress monitoring
end of semester
measure
counteract
offset
biofeedback
PTSD
o-chem
monitor / manage
hearing
blood pressure
muscle activity
encourage excercise
video
kids
adults
teens
orthotics
cost reductions
maintain body temperature
during exercise
during emergencies
Disabled People
Feeding Assist Pump
Oxygen tubing 'smart reel'
Shoulder assist for violin players
Neo-natal
movement monitoring
Cooling method for tropical nurseries
improvements to existing solutions
cost reductions
simpler packaging
system on a chip
Senior Citizens
Monitoring
LifeAlert
Vitals
Implants
Identify Patterns
Look for increase or decline
Mental
Physical
Install on a walker?
Interactive
Display
Wearables
Jewelry
Earrings
Watches
Necklaces
Eye glasses
Heads Up Display
What to display?
Clothing
Assistive Technology
Stairs
Alternatives to chair systems
Bring 'things' down instead of 'people' up
Walkers
Add instrumentation
Eye glasses
Heads up displays
Automatically adjust prescription