

Questionnaire A

Questions about the features of the technological implant (always comes directly after the information about the technological implant)

Question	Items	Rating Scale
In general, how do you feel about the following features of the technological implant?	FEAT1. sustainably produced FEAT2. adaptive in its functionality (depending on the state of the user) FEAT3. long-living (at least 20 years expected lifetime) FEAT4. self-deconstructing and absorbed by the body in case of damage and if the user does not want it any longer FEAT5. self-repairing (in case of small damage) FEAT6. energy autonomous	6-point-bipolar-Likert Scale (very negative – very positive)

Note: These Items were developed based on the technological implant information text by the research team itself.

Questionnaire B

Technology Acceptance Model, PANAS Scale and Multidimensional Ethic Scale

Concepts and the Determinants	Items	Rating Scales	Sources
Cognitive		7-point-bipolar Likert-Scale (strongly disagree - strongly agree)	TAM 3 (Venkatesh & Bala, 2008)
Perceived usefulness of technological implant	PU1. I would find the technological implant useful to perform my activities. PU2. Using the technological implant would improve my performance. PU3. Using the technological implant would increase my productivity. PU4. Using the technological implant would enhance my effectiveness.		
Image	IMG1. People in my working area who use the technological implant would have a high profile. IMG2. People in my working area who use the technological implant would have more prestige than those who do not. IMG3. Having the technological implant could be a status symbol in my working area.		

Job Relevance	<p>REL1. The technological implant could be relevant in the future for my job.</p> <p>REL2. The technological implant could be important for my job in the future.</p> <p>REL3. The use of the technological implant could be pertinent in the future to my various job-related tasks.</p>
Result Demonstrability	<p>RES1. I believe I could communicate to others the consequences of the implementation of the technological implant.</p> <p>RES2. The usefulness of the technological implant is apparent to me.</p> <p>RES3. I would have difficulty explaining why using the technological implant may or may not be beneficial.</p> <p>RES4. I would have no difficulty telling others about the usefulness of the technological implant.</p>
Computer Anxiety	<p>CANX1. To use the technological implant would make me nervous.</p> <p>CANX2. The technological implant would make me feel uneasy.</p> <p>CANX3. The technological implant would make me feel uncomfortable.</p> <p>CANX4. The technological implant would not scare me at all.</p>
Perceived Enjoyment	<p>ENJ1. I would have fun in using the technological implant.</p> <p>ENJ2. The idea of using the technological implant is enjoyable to me.</p> <p>ENJ3. The actual process of using the technological implant would be pleasant to me.</p>
Perceptions of External Control	<p>PEC1. I would have the resources necessary to use the technological implant.</p> <p>PEC2. The technological implant is not compatible with other electronical systems I use.</p> <p>PEC3. I would have control over the use of the technological implant.</p> <p>PEC4. Given the resources, opportunities and knowledge it takes to use the technological</p>

implant, it would be easy for me to use it.			
Normative		7-point-bipolar Likert-Scale (strongly disagree - strongly agree)	TAM3 (Venkatesh & Bala, 2008)
Subjective Norm	SN1. In general, the society would support the use of the technological implant. SN2. People who are important to me would think that I should use the technological implant. SN3. People who influence my behavior would think that I should use the technological implant. SN4. The societal support of the technological implant would be helpful to use it.		
Affective		4-point-bipolar Likert-Scale (very slightly or not at all – very much)	(Watson et al., 1988)
Positive Emotions	POS1. Interested POS2. Excited POS3. Determined POS4. Enthusiastic POS5. Proud POS6. Inspired POS7. Strong POS8. Active POS9. Alert POS10. Attentive		
Negative Emotions	NEG1. Distressed NEG2. Upset NEG3. Guilty NEG4. Ashamed NEG5. Scared NEG6. Hostile NEG7. Afraid NEG8. Irritable NEG9. Nervous NEG10. Jittery		
Ethics		7-Likert Skala (1-7)	(Reidenbach & Robin, 1990)
Justice Scale	JU1. ...is just/unjust. JU2. ...is fair/unfair.		

	<p>JU3. ...does result/Does not result in an equal distribution of good and bad.</p> <p>JU4. ...violates/does not violate my ideas of fairness.</p>
Relativist Scale	<p>RE1. ...is culturally acceptable/unacceptable.</p> <p>RE2. ... is acceptable/unacceptable to my family.</p> <p>RE3. ...is traditionally acceptable/unacceptable.</p> <p>RE4. ... is individually acceptable/unacceptable.</p> <p>RE5. ...is acceptable/unacceptable to people I most admire.</p>
Egoism Scale	<p>EGO1. ... is personally satisfying/not personally satisfying.</p> <p>EGO2. ... can/cannot be used for my own self-promotion/not self-promotion.</p> <p>EGO3. Can/cannot be used to selfish ends.</p> <p>EGO4. ...requires/does not require me to make Sacrifices if I am to use it.</p> <p>EGO5. ...implies a/implies no moral Obligation to act otherwise.</p> <p>EGO6. ...is developed by someone who is prudent/not prudent.</p> <p>EGO7. ... is/is not in the best interests of my person.</p>
Utilitarian Scale	<p>UT1. ...provides the least/greatest utility.</p> <p>UT2. ...maximizes/minimizes benefit while minimizing/maximizing harm.</p> <p>UT3. ...tends overall to be good/bad.</p> <p>UT4. ...is/is not OK if actions can be justified by their consequences.</p> <p>UT5. ...leads to the greatest/least good for the greatest number.</p> <p>UT6. ...results in a positive/negative cost-benefit ratio.</p> <p>UT7. ... is efficient/inefficient.</p> <p>UT8. ... maximizes/minimizes pleasure</p> <p>UT9. ...does not go/goes against a rule.</p>
Deontology Scale	<p>DEO1. ...does not/does violate an unwritten contract.</p>

	<p>DEO2. ...does not/does violate an unspoken promise.</p> <p>DEO3. ...is used by someone who is/is not obligated to act this way.</p> <p>DEO4. ...is used by someone who is/is not morally bound to act this way.</p> <p>DEO5. ...is morally right/wrong.</p>		
	<p>...is developed by someone who has a good/bad character.</p> <p>...is developed by someone who is acting on good/ill will.</p> <p>...promotes/harms safety.</p> <p>...is developed by someone who is/is not reasonable.</p> <p>...leads to the greatest/least ill for the greatest number.</p> <p>...protects/attacks the value of the environment.</p> <p>...harms/promotes freedom.</p> <p>...protects/attacks the value of nature.</p> <p>...implies right/wrong desires.</p> <p>...implies right/wrong motivations.</p> <p>...is sensitive/insensitive to interactions with society.</p> <p>...ensures/prevents dignity in interactions.</p> <p>...provides future benefit/harm.</p> <p>...is developed by someone who is/is not striving for professional excellence.</p> <p>...has respect for/is indifferent towards nature.</p> <p>...promotes/harms health.</p> <p>...promotes/is a hindrance to a good life.</p> <p>...supports/impedes political processes and rights.</p>		
Voluntariness	<p>VOL1. Although it might be helpful, using the technological implant is not going to be compulsory in my job.</p> <p>VOL2. I would prefer when the use of the technological implant is not mandatory.</p> <p>VOL3. I would prefer that the use of the technological implant should be voluntary.</p>	<p>7-point-bipolar Likert-Scale (strongly disagree - strongly agree)</p>	<p>TAM3 (Venkatesh & Bala, 2008)</p>
Intention to use		<p>7-point-bipolar Likert-Scale</p>	<p>TAM3 (Venkatesh</p>

		(strongly disagree - strongly agree)	& Bala, 2008)
Behavioral Intention	BI1. Given that I had access to the technological implant, I predict that I use it. BI2. I predict I would use the technological implant for my leisure activities. BI3. Assuming I had access to the technological implant, I would intend to use it. BI4. I predict I would use the technological implant for medical purposes. BI5. I predict I would use the technological implant for my professional activities.		

Questionnaire C

Conflict Management Scale (CMS)

Question	Items	Rating Scale	Source
When I'm involved in a conflict situation with another person...	CONF1. ...I have strong beliefs about how the situation should resolve. CONF2. ...it is usually because the other person has inappropriately forced their perspective. CONF3. ...I am willing to compromise in order to get a resolution. CONF4. ...I use many different strategies to convince them of my point of view. CONF5. ...I expect that both of us will have to give-and-take to get to a satisfactory outcome. CONF6. ...I firmly stake out and clearly explain my position. CONF7. ...I am willing 'to lose the battle in order to win the war'. CONF8. ...it is most important to first identify all the things we both agree upon. CONF9. ...I find it difficult to clearly articulate my position and reasons. CONF10. ...I believe it is important to be consistent and firm with my principles.		(Austin et al., 2009)

CONF11 ...I avoid using the word 'you' because I know it can sound inflammatory.

CONF12. ...I will use non-verbal communication or silence as a strategy to convey what I am thinking.

CONF13. ...I believe 'give and take' is a cop-out.

CONF14. ...I feel drained and exhausted.

CONF15. ...I feel it is my responsibility to reach a compromise.

CONF16. ...I try hard not to hurt the other person's feelings.

CONF17. ...it is important to raise all issues immediately and get them in the open.

CONF18. ...I believe it is better to anticipate and prevent conflict.

CONF19. ...I believe 'all is fair in love and war'.

Questionnaire D

Comprehension questions of the CAM instructions

Questions	Items	Response options
Please match different program elements with their description.	a. Yellow squares b. Green Ovals c. Red hexagons d. Superimposed violet ovals and hexagons	ambivalent elements, positive elements, neutral elements, negative elements
Which of the following statements are/is true or false?	a. A solid line symbolizes that two concepts agree or support each other. b. A dashed line indicates that two factors conflict with each other.	Dichotomous Scales (True or False)

Note: These Items were developed based on the CAM Conventions (s. Appendix ...) by the research team itself.

Questionnaire E

Post-CAM Questions, Demographic Data and Final Questions

	Items	Response options
Post-CAM Questions	What was your most central/your most important node (term) in the Cognitive-Affective Map you have just drawn?	Unstructured response format: free response field
	To what extent do you feel the map you just completed captures your thoughts about the technological implant?	7-point-bipolar Likert-Scale (Completely unrepresentative – completely representative)

	Where there any technical problems when creating the map?	Dichotomous Scales (Yes or No)
	Did you stop drawing your map because of technical issues?	Dichotomous Scales (Yes or No)
	Have you ever created a map with the same or similar rules?	Dichotomous Scales (Yes, No or Not sure)
Demographic Data	How old are you in years?	Dropdown Menu Question
	What is your current gender identity?	Dropdown Menu Question
	Please specify your highest degree:	Dropdown Menu Question
	Do you have any experiences regarding technological implants?	Dropdown Menu Question
	In which country are you living at the moment?	Dropdown Menu Question
	How important is your religious faith to you?	Dropdown Menu Question
Final Questions	How useful do you find the technological implant in general?	5-point-bipolar Likert-Scale (very slightly or not at all - very much)
	How good do you think this technological implant is?	5-point-bipolar Likert-Scale (very slightly or not at all - very much)
	Would you use the technological implant based on moral/ethical considerations?	Dichotomous Scales (Yes, No or Not sure)
	Do you think that the technological implant should be paid by the health insurance company?	Dichotomous Scales (Yes, No or Not sure)
	Should research into the development of such implants be supported with public funds?	Dichotomous Scales (Yes, No or Not sure)
	Should research into the development of such implants be prohibited?	
	Have you answered all the questions honestly?	Dichotomous Scales (Yes or No)
	Do you have any feedback or critique regarding the online experiment?	Unstructured response format: free response field

Note: These Items were developed by the research team itself.