

# ASTUTENESS PROJECT

AI-Driven Tools in Healthcare: A Visual Trustworthy Treatment Decision Support Systems

[www.um.es/astuteness](http://www.um.es/astuteness)

# EUniWell – ASTUTENESS Trust measurement and pilot

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- Based on an extensive literature review the most important topic were identified – Trust in AI (see on next slide)
- I have shared with the whole team the first draft version of the the questionnaires
  - Limited number of feedback arrived so far
- Please check it, and send us your comments until next Monday (25th March)
- After your comments, we are going to finalise them and upload it to an online survey tool (our University has the EvaSys online survey tool)

<b>topic</b>	<b>doctors</b>	<b>patients</b>
Socio-demographic background	x	x
Professional and institutional background	x	
Perceived competence in AI technology	x	x
Knowledge and feelings about AI technology	x	x
General trust block	x	x
Feelings about medical use of AI	x	x
Necessity of Transparency / Standards / Protocols / Clinical guidelines	x	x
Trust in developers (company, university etc.)	x	x
Importance of source (who recommend to use the intervention e.g.: AI controlled robotic surgery, diagnostics etc.) -- Importance of doctor-patient relationship		x
Specific trust and examples (e.g. dermatological diagnosis by AI, surgery by AI) -- Would you permit? What is your approach?	x	x
Advantages and disadvantages of medical use of AI	x	x
How can trust be increased	x	x

# Next steps

- After your comments, we are going to finalise them and upload it to an online survey tool (our University has the EvaSys online survey tool)
- → You can check them again on this online survey tool
- After the finalisation, the link of questionnaire will be shared
  - please take part in the pilot of this questionnaire
  - Share it with doctors and patients in your country
- After the pilot a pilot report will be elaborated → our delivery