

# Artificial intelligence (AI) in healthcare report

The Involvement Team

Better health and wellbeing for all...

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#### Plain English summary

This report is about what people think and feel about using computers and robots, called artificial intelligence or AI, in hospitals and doctors' surgeries.

A team from the NHS North East and North Cumbria asked lots of people what they thought. They used a survey and talked to people in groups to hear their ideas.

#### Here's what we found:

- Most people have heard of AI in healthcare, like chatbots or tools that help doctors look at scans.
- Some people think AI can help doctors by saving time and doing jobs like writing notes.
- But many people are worried. They don't want AI to make big decisions, especially in serious situations like end-of-life care or mental health.
- People are also worried about their private health information being shared or hacked.
- Most people want doctors to stay in charge and not be replaced by machines.
- They also want to know how AI makes decisions and who is using their data.

The report says that if we want to use AI in healthcare, we need to:

- Be transparent about how AI is used across healthcare.
- Keep doctors involved in all decisions.
- Protect people's private information.
- Make rules to stop unfair or unsafe use of Al.

This way, Al can help make healthcare better, but people will still feel safe and listened to.

#### **Executive summary**

This report presents the findings of a public involvement initiative led by the Involvement Team at NHS North East and North Cumbria Integrated Care Board, exploring public attitudes towards the use of artificial intelligence (AI) in healthcare. The work aimed to understand perceptions, concerns, and expectations surrounding AI technologies, ensuring that public voices inform future developments.

A mixed-methods approach was used, combining a region-wide online survey with attending targeted community forums. The survey captured a broad demographic and explored themes such as trust, privacy, ethical concerns, and acceptable uses of Al. Community forums provided deeper insight into the nuances of public opinion.

Key findings reveal that while awareness of AI in healthcare is high (84%), trust remains low (37%). Respondents expressed significant concerns about data privacy, algorithmic bias, and the potential erosion of human oversight. There was strong support for AI as a tool to assist, rather than replace, healthcare professionals, particularly in administrative and diagnostic contexts. However, AI use in sensitive areas such as mental health, end-of-life care, and paediatrics was widely opposed.

The report identifies five core themes: reliability and effectiveness, human oversight, privacy and security, efficiency and benefits, and ethics and regulation. Each theme is supported by both quantitative data and qualitative insights.

The implications are clear: for AI to be accepted in healthcare, it must be transparent, ethically governed, and implemented with robust human oversight. The report concludes with targeted recommendations for policymakers, practitioners, researchers, and AI developers to ensure AI is developed and deployed in ways that are inclusive, accountable, and aligned with public values.

#### Purpose and overview

This document is intended to report on the involvement work conducted to understand attitudes towards the use of artificial intelligence (AI) in healthcare settings. The focus of this work was on engaging with the public across the NHS North East and North Cumbria region. The aim was to gather a comprehensive understanding of public perceptions, concerns, and expectations regarding the integration of AI technologies in healthcare.

To achieve this, a multi-faceted approach was employed, involving both quantitative and qualitative methods. Data was collected through an online survey, which was designed to capture a broad range of opinions from a diverse demographic. The survey included questions on various aspects of AI in healthcare, such as its potential benefits, risks, ethical considerations, and the level of trust in AI-driven healthcare solutions.

In addition to the online survey, work was carried out with community forums. These forums provided a platform for in-depth discussions and allowed for a more nuanced exploration of public attitudes. Participants were encouraged to share their thoughts, experiences, and concerns in a collaborative environment. The insights gained from these forums were invaluable in understanding the complexities of public opinion on this topic.

The data collected from both the online survey and community forums has been analysed and synthesised to provide a comprehensive overview of public attitudes towards AI in healthcare. This report presents the findings in a structured manner, highlighting key themes and trends that emerged from the data. It also offers recommendations for policymakers, healthcare providers, and AI developers on how to address public concerns and enhance the acceptance and trust of AI technologies in healthcare settings.

By presenting this report, we aim to contribute to the ongoing dialogue on the role of AI in healthcare and ensure that public voices are heard and considered in the development and implementation of AI-driven healthcare solutions.

#### Involvement methods and reach

An online survey was developed to gather insights on public attitudes towards the use of AI in healthcare settings. This survey was designed to capture a wide range of opinions and was distributed to an extensive network of regional contacts including; Healthwatch, Local Authorities, Secondary Care, and Voluntary, Community, and Social Enterprise organisations.. The aim was to ensure a diverse sample of responses from various demographics across the NHS North East and North Cumbria region. The survey included questions on the potential benefits and risks of AI in healthcare, ethical considerations, and the level of trust in AI-driven solutions.

In addition to the online survey, the objectives of the work were presented at several community and stakeholder forums, including the Learning Disabilities Network. These forums provided an opportunity for in-depth discussions and allowed for a more nuanced understanding of public attitudes.

Despite the efforts to make the survey as inclusive as possible, requests to have the survey translated into British Sign Language (BSL) were unfortunately hindered by time and resource constraints. This limitation was acknowledged, and it is hoped that future efforts will address this gap to ensure even broader participation and inclusivity.

One hundred and fifty-eight people responded to the survey. Most respondents were female (77%), aged between 55 years old and 74 years old (47%), identified as white ethnic background (93%), and identified as Christian (46%) or had no religious beliefs (44%). Please see appendix 1 for full demographic information.

Thirty eight people participated in discussion groups about AI in healthcare across three community (n=22) and stakeholder (n=16) participation groups. Including one group that gives voice to those with learning disabilities.

# **Findings**

Please note: The analysis of open response data was carried out by AI but checked and corroborated thoroughly by a human. Full survey response data can be found in <u>Appendix 2</u>.

#### Summary of quantitative findings

# Awareness & familiarity

- 84% of respondents have heard of AI being used in healthcare.
- Most recognised tools include:
  - Chatbots (70%)
  - Diagnostic tools (59%)
  - Image/video analysis (56%)
  - Note-taking and appointment booking (40%)

# Trust & concerns

- Trust in AI: Only 37% agree they trust AI in healthcare.
- Privacy concerns:
  - 62% worry AI could affect their privacy.
  - 80% worry about data security and hacking.
  - 92% want to know if private companies have access to their data.
- Transparency:
  - 92% want to understand how AI makes decisions.
  - 58% want to know how Al affects the environment.

# **✓** Acceptable uses

- 66% are okay with AI recording doctor visits to help take notes.
- 63% support AI analysing X-rays or scans.
- 72% agree AI can suggest treatments if a doctor checks them.
- 70% support doctors using AI writing tools to save time.

# Areas where Al is not wanted

- End-of-life care (90%)
- Mental health (60%)
- Children's care (45%)
- Emergencies (51%)
- Rare symptoms (43%)

#### Summary of qualitative findings

# Reliability and effectiveness

- Core concern: Al's accuracy depends on the quality of its training data.
- Risks: Potential for incorrect diagnoses and misinformation.
- Quote: "Al is only as good as the data it is taught."
- Takeaway: Al must be transparent, validated, and used cautiously in high-stakes areas like diagnostics.

# Human involvement and oversight

- Core concern: Al should support—not replace—healthcare professionals.
- Risks: Loss of empathy, misinterpretation of non-verbal cues, and lack of accountability.
- Quote: "Al should never be used in place of a healthcare professional."
- Takeaway: Human oversight is essential to maintain trust and quality of care.

# Privacy and security concerns

- Core concern: Data breaches and misuse by commercial or foreign entities.
- Risks: Permanent loss of privacy, exploitation of health data.
- Quote: "Once that data is out, it's out forever."
- Takeaway: Strong, enforceable data protection laws are urgently needed.

# Efficiency and potential benefits

- Core benefit: Al can reduce admin burden and speed up diagnostics.
- Opportunities: Free up time for empathetic care and reduce wait times.
- Quote: "Al would be brilliant to reduce waiting times for test results."
- Core concern: Healthcare professionals could become over reliant and complacent.
- Takeaway: Al can enhance healthcare delivery if implemented thoughtfully.

# Ethics, bias, and regulation

- Core concern: Algorithmic bias, lack of transparency, and commercial exploitation.
- Risks: Widening inequalities and loss of public trust.
- Quote: "Bias in data, lack of transparency, accountability, and informed consent."
- Takeaway: Ethical safeguards and public accountability are essential.

#### Exploring opportunities and concerns

#### Reliability and effectiveness

A recurring concern among respondents is the reliability of AI systems in healthcare. Many emphasise that AI's effectiveness is directly tied to the quality and accuracy of the data it is trained on. As one participant put it, "AI is only as good as the data it is taught" [Respondent 1]. Others worry about the potential for incorrect diagnoses and misinformation, noting that "AI is prone to hallucinations and should only be used if the data produced is fully verified by an expert in that area" [Respondent 20]. These concerns are particularly acute in high-stakes environments like diagnostics, where errors could have serious consequences. While some respondents acknowledge AI's potential to improve efficiency, such as in triage or early detection, they stress that these benefits hinge on robust, well-tested algorithms. The theme reflects a cautious optimism: AI can be a powerful tool, but only if its outputs are accurate, transparent, and subject to rigorous validation.

#### Human involvement and oversight

Many respondents strongly advocate for AI to be used in partnership with human healthcare professionals, rather than as a replacement. There is a clear consensus that AI should support, not supplant, clinical judgment. One respondent stated, "It should be used jointly with a human healthcare professional," [Respondent 2] while another emphasised, "AI would be a good tool to help with medical care but should never be used in place of a health care professional or face to face consultations" [Respondent 24]. Concerns include the loss of human empathy, the inability of AI to interpret non-verbal cues, and the risk of over-reliance on automated systems. Participants also highlight the importance of accountability and clinical oversight, with one noting, "AII clinical contacts should have human supervision and control" [Respondent 35]. This theme underscores the belief that while AI can enhance healthcare delivery, it must be integrated in a way that preserves the human touch and ensures professional responsibility.

#### Privacy and security concerns

Data privacy and cybersecurity are among the most pressing concerns voiced by respondents. Many express scepticisms about the ability of current systems to protect sensitive health information. One participant bluntly stated, "Privacy is a joke and the data protection laws are a total waste of time," [Respondent 3] while another warned, "Once that data is out, it's out forever" [Respondent 5]. There is anxiety about the potential for hacking, ransomware attacks, and exploitation by foreign or commercial entities. For example, one respondent noted, "American health companies have enormous resources and will exploit any weaknesses in the data protection to gain information they will use to their advantage" [Respondent 5]. These concerns

are not just technical but also ethical, reflecting fears about the misuse of personal data and the erosion of trust in healthcare systems. The theme highlights the urgent need for robust, transparent, and enforceable data governance frameworks.

#### Efficiency and potential benefits

Despite concerns, many respondents recognise the potential of AI to improve efficiency and streamline healthcare services. AI is seen as a valuable tool for reducing administrative burdens, speeding up diagnostics, and improving access to care. One participant noted, "AI would be brilliant to reduce waiting times for test results" [Respondent 13]. These efficiencies could allow healthcare workers to focus more on patient care and less on paperwork. Some also see AI as a way to address systemic issues, such as long wait times and staff shortages. For example, one comment suggested that AI could help "This should only be used to support staff not eliminate or reduce their contributions" [Respondent 38]. This theme reflects a pragmatic view: while AI is not a cure-all, it offers tangible benefits that, if implemented thoughtfully, could significantly enhance the healthcare system's capacity and responsiveness.

#### Ethics, bias, and regulation

Ethical considerations and the need for regulation are central to many responses. Participants express concern about algorithmic bias, lack of transparency, and the potential for AI to exacerbate existing inequalities. One respondent listed a range of issues including "Bias in data, lack of transparency, accountability, and informed consent" [Respondent 34]. Others call for stronger oversight, with one suggesting, "There should be a central controlling body who ratifies AI spend" [Respondent 4]. The fear is that without proper governance, AI could be misused or lead to unintended consequences. Some also worry about the influence of large tech companies and the commercialisation of healthcare data. As one person put it, "Large AI companies want to farm all the information they can get from the NHS in order to make money" [Respondent 42]. This theme underscores the importance of ethical safeguards, public accountability, and inclusive policymaking to ensure that AI serves the public good.

#### **Implications**

The findings from the public engagement work across NHS North East and North Cumbria suggest several critical implications for the integration of artificial intelligence (AI) in healthcare:

#### 1. Trust and transparency are foundational

Public trust in AI is currently low, with only 37% expressing confidence in its use in healthcare. There is a strong demand for transparency in how AI systems make decisions and who has access to the data they use. This implies that any future deployment of AI must be accompanied by clear, accessible explanations and robust consent mechanisms.

#### 2. Human oversight is non-negotiable

Respondents consistently emphasised that AI should support, not replace, healthcare professionals. The implication is that AI must be integrated in ways that preserve human judgement, empathy, and accountability, particularly in sensitive areas like mental health, end-of-life care, and paediatrics.

#### 3. Privacy and data security are paramount

Concerns about data breaches, misuse by commercial entities, and lack of control over personal health information were widespread. This highlights the need for enforceable data protection laws and transparent governance structures to maintain public confidence.

#### 4. Efficiency gains must be balanced with ethical use

While AI is seen as a tool to reduce administrative burden and improve diagnostic speed, there is concern about over-reliance and the potential for complacency. The implication is that efficiency should not come at the cost of safety, equity, or quality of care.

#### 5. Ethical and regulatory frameworks are urgently needed

The risk of algorithmic bias and commercial exploitation underscores the need for strong ethical oversight. Without it, Al could exacerbate existing health inequalities and erode public trust in the NHS.

#### Recommendations

#### For policy:

- Develop and enforce clear regulations on AI use in healthcare, including data governance, transparency, and accountability.
- Establish a central oversight body to review and ratify AI applications and spending within the NHS.
- Ensure that ethical considerations, including bias mitigation and informed consent, are embedded in all Al-related policies.

#### For practice:

- Mandate human oversight in all Al-assisted clinical decisions, especially in high-risk or sensitive areas.
- Provide training for healthcare professionals on how to use AI tools effectively and ethically.
- Implement transparent communication strategies to inform patients when and how AI is being used in their care.

#### For research:

- Investigate the long-term impacts of AI on patient outcomes, clinician behaviour, and health inequalities.
- Explore public attitudes in underrepresented groups, including those with disabilities and non-English speakers, to ensure inclusive AI development.
- Evaluate the effectiveness of different models of Al-human collaboration in clinical settings.

#### For AI developers:

- Design AI systems with transparency and explainability at their core. Ensure that users, both healthcare professionals and patients, can understand how decisions are made.
- Build user-friendly interfaces that clearly show what data is being used, how it is processed, and what the AI is recommending or concluding.
- Prioritise co-design with diverse public groups to ensure systems are inclusive, trustworthy, and aligned with real-world needs.

# Appendix 1: Demographic Information

## Age of Survey respondents

| Age               | Percentage | n  |
|-------------------|------------|----|
| Under 16          | 0%         | 0  |
| 16-24             | 1%         | 1  |
| 25 - 34           | 8%         | 13 |
| 35 - 44           | 10%        | 16 |
| 45 - 54           | 15%        | 23 |
| 55 - 64           | 23%        | 36 |
| 65 - 74           | 24%        | 38 |
| 75 - 84           | 17%        | 27 |
| 85+               | 0%         | 0  |
| Prefer not to say | 2%         | 3  |

#### **Gender of survey respondents**

| Option                                    | Percentage | n   |
|---|------------|-----|
| Female                                    | 77%        | 121 |
| Male                                      | 21%        | 33  |
| Non-binary                                | 1%         | 1   |
| Prefer not to say                         | 1%         | 2   |
| Prefer to self-describe (please write in) | 0%         | 0   |

# Ethnic group of survey respondents

| Option   | Percentage | n   |
|--|------------|-----|
| Asian or Asian British (Includes Indian, Pakistani, Bangladeshi, Chinese or any other Asian background)  | 3%         | 4   |
| Black, black British Caribbean or African (Includes black British Caribbean, African or any other black background)  | 0%         | 0   |
| Mixed or multiple ethnic groups (Includes white and black<br>Caribbean, white and black African, white and Asian or any other<br>mixed or multiple background) | 1%         | 1   |
| White (Includes English, Welsh, Scottish, Northern Irish or British; Irish; Gypsy or Irish Traveller; Roma, or any other white background)                     | 93%        | 146 |
| Other (Includes Arab or any other ethnic group)  | 0%         | 0   |
| Prefer not to say  | 4%         | 6   |

# Religion or belief of survey respondents

| Option   | Percentage | n  |
|--|------------|----|
| No religion or belief  | 44%        | 69 |
| Christian (including Church of England, Catholic, Protestant, and other Christian denominations) | 46%        | 72 |
| Buddhist   | 0%         | 0  |
| Jewish   | 0%         | 0  |
| Hindu  | 1%         | 2  |
| Muslim   | 1%         | 2  |
| Sikh   | 0%         | 0  |
| Prefer not to say  | 6%         | 9  |
| Other religion or belief (please state)  | 2%         | 3  |

| Other religion or belief (please state) |
|---|
| Quaker                                  |
| Spiritualist                            |
| Pagan                                   |

# Sexual identity of survey respondents

| Option                                  | Percentage | n   |
|---|------------|-----|
| Straight or heterosexual                | 81%        | 127 |
| Bi or bisexual                          | 5%         | 8   |
| Gay or lesbian                          | 3%         | 5   |
| Prefer not to say                       | 9%         | 14  |
| Other sexual orientation (please state) | 1%         | 2   |

| Other sexual orientation (please state) |
|---|
| Pansexual                               |
| Queer                                   |

# Appendix 2: Full survey responses

Please note all tables may not add up to 158 respondents as all questions were not mandatory in the survey.

| Question 1. Have you heard of Artificial Intelligence (AI) being used to help in healthcare? |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Yes  | 84%        | 133 |
| No   | 9%         | 15  |
| Unsure   | 6%         | 10  |

| Question 2. Which of these have you heard of? (Select all that you know about) |            |     |  |
|--|------------|-----|--|
| Option   | Percentage | n   |  |
| Chatbots   | 70%        | 101 |  |
| Tools to help doctors find illnesses   | 59%        | 86  |  |
| Helping doctors write notes or book appointments                               | 40%        | 58  |  |
| Making a written copy of what you and the doctor said                          | 35%        | 51  |  |
| Looking at pictures or videos to help find signs of illness                    | 56%        | 81  |  |
| Voice technology   | 21%        | 31  |  |

#### Question 3: Do you agree or disagree wit these ideas...?

| Question 3.1. I trust Al to help with my healthcare |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 37%        | 59 |
| Not sure  | 45%        | 71 |
| Disagree  | 18%        | 28 |

| Question 3.2. I worry that AI could affect my privacy |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 62%        | 97 |
| Not sure  | 22%        | 35 |
| Disagree  | 15%        | 24 |

| Question 3.3. If Al makes a health decision, I want to know how it decided |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 92%        | 144 |
| Not sure   | 5%         | 8   |
| Disagree   | 3%         | 4   |

| Question 3.4. I worry Al might make the wrong health choices |            |    |
|--|------------|----|
| Option   | Percentage | n  |
| Agree  | 63%        | 97 |
| Not sure   | 33%        | 51 |
| Disagree   | 5%         | 7  |

| Question 3.5. I worry about how my health data is kept safe from hackers |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 80%        | 123 |
| Not sure   | 7%         | 11  |
| Disagree   | 12%        | 19  |

| Question 3.6. I worry Al might make unfair choices about my care |            |    |
|--|------------|----|
| Option   | Percentage | n  |
| Agree  | 63%        | 99 |
| Not sure   | 29%        | 46 |
| Disagree   | 7%         | 11 |

| Question 3.7. I want to know if private companies have access to my data |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 92%        | 142 |
| Not sure   | 3%         | 4   |
| Disagree   | 6%         | 9   |

| Question 3.8. I want to know how AI use will affect the environment |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 58%        | 89 |
| Not sure  | 24%        | 36 |
| Disagree  | 18%        | 28 |

# Question 4: do you agree or disagree...?

| Question 4.1. A doctor should always help make big health decisions |            |     |
|---|------------|-----|
| Option  | Percentage | n   |
| Agree   | 96%        | 151 |
| Not sure  | 4%         | 7   |
| Disagree  | 0%         | 0   |

| Question 4.2. Sometimes it's better if Al makes a health decision |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 11%        | 16 |
| Not sure  | 41%        | 62 |
| Disagree  | 49%        | 74 |

| Question 4.3. I want to be told if AI is helping with my care |            |     |
|---|------------|-----|
| Option  | Percentage | n   |
| Agree   | 93%        | 141 |
| Not sure  | 1%         | 2   |
| Disagree  | 6%         | 9   |

## Question 5: Would you be OK with this...?

| Question 5.1. Al records my doctor visit to help take notes |            |     |
|---|------------|-----|
| Option  | Percentage | n   |
| Yes   | 66%        | 104 |
| Not sure  | 22%        | 34  |
| No  | 13%        | 20  |

| Question 5.2. Al listens to my talk with the doctor, so the doctor has more time for patients |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Yes   | 44%        | 69 |
| Not sure  | 32%        | 50 |
| No  | 24%        | 38 |

# Question 6: Do you agree or disagree with these ideas...?

| Question 6.1. Al could help doctors make better choices |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 51%        | 79 |
| Not sure  | 37%        | 58 |
| Disagree  | 12%        | 18 |

| Question 6.2. I'm okay with Al helping check my test results |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 66%        | 103 |
| Not sure   | 23%        | 36  |
| Disagree   | 11%        | 17  |

| Question 6.3. I'd use an Al tool to talk about small health worries |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 41%        | 65 |
| Not sure  | 31%        | 49 |
| Disagree  | 27%        | 43 |

| Question 6.4. I'm okay with Al checking my symptoms to send me to the right help |            |    |
|--|------------|----|
| Option   | Percentage | n  |
| Agree  | 54%        | 83 |
| Not sure   | 26%        | 40 |
| Disagree   | 21%        | 32 |

| Question 6.5. I'm okay with Al looking at X-rays or scans to help me faster |            |    |
|---|------------|----|
| Option  | Percentage | n  |
| Agree   | 63%        | 98 |
| Not sure  | 24%        | 38 |
| Disagree  | 13%        | 20 |

# Question 6.6. Al can look at all my health info to suggest treatments – if a doctor checksthe ideas firstPercentagenAgree72%111Not sure17%26Disagree12%18

| Question 6.7. It's okay for doctors to use Al writing tools if it gives them more time with patients |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 70%        | 109 |
| Not sure   | 22%        | 35  |
| Disagree   | 8%         | 12  |

| Question 6.8. Al should look at data to find out who needs extra help sooner |            |    |
|--|------------|----|
| Option   | Percentage | n  |
| Agree  | 60%        | 92 |
| Not sure   | 31%        | 47 |
| Disagree   | 10%        | 15 |

| Question 7. Are there any areas where you do not want Al to help? (Select all that apply) |            |     |
|---|------------|-----|
| Option  | Percentage | n   |
| End of life care  | 90%        | 113 |
| When someone has more than one health problem   | 49%        | 61  |
| Finding out what illness someone has  | 28%        | 35  |
| Mental health   | 60%        | 75  |
| Sexual health   | 33%        | 41  |
| Children's care   | 45%        | 56  |
| Helping older or vulnerable people  | 47%        | 59  |
| Helping people with learning needs or disabilities  | 45%        | 56  |
| Helping people who speak different languages  | 14%        | 17  |
| Long-term pain  | 34%        | 43  |
| Rare or unusual symptoms  | 43%        | 54  |
| Emergencies   | 21%        | 64  |

#### Do you agree or disagree...?

| Question 8.1. I don't like Al taking the place of face-to-face care |            |     |
|---|------------|-----|
| Option  | Percentage | n   |
| Agree   | 83%        | 131 |
| Not sure  | 12%        | 19  |
| Disagree  | 4%         | 7   |

| Question 8.2. I worry Al might mean fewer human healthcare workers |            |     |
|--|------------|-----|
| Option   | Percentage | n   |
| Agree  | 81%        | 127 |
| Not sure   | 6%         | 9   |
| Disagree   | 13%        | 20  |

# Question 9. Al gets better by learning from lots of health data. Would you be okay with Al using your health data, if it is kept private?

| Option     | Percentage | n  |
|------------|------------|----|
| Yes        | 61%        | 96 |
| No         | 22%        | 34 |
| Don't know | 18%        | 28 |

# Question 10. What would help you feel okay about sharing your health data with Al? (Select all that apply)

| Option  | Percentage | n   |
|---|------------|-----|
| My data is private and cannot be linked to me | 74%        | 111 |
| My data is kept safe                          | 77%        | 114 |
| I know how my data is used                    | 68%        | 102 |
| Other (please state)                          | 6%         | 9   |

#### Question 10.1. Other

There should be an opt-out for patients who do not feel ok about their health data being shared with AI.

Privacy

I haven't the experience of AI yet to be able to trust it, or to trust our use of it.

I am not ok with this

U.K. company, data unable to be linked to me, full disclosure up front that AI is being used. No ability to reverse engineer data to a person

Just not sure

The NHS is using US companies involved with patient data. One specific company is committed to private health care. So until the NHS takes patient data seriously I would never be comfortable with my data being shared with these systems.

I am assured that my data will not be sold to private companies, and anything that conflicts those assurances are rectified.