

Survey on the use of Artificial Intelligence (AI) in lung cancer screening



We are looking for health professionals to take part in a short (15 min) survey of their views on the use of Artificial Intelligence (AI) in lung cancer screening. This is part of a research project funded by the Health Research Council of New Zealand (HRC), with research team members based at the University of Otago/Ōtakou Whakaihu Waka and Health NZ/Te Whatu Ora.

WHY TAKE PART IN THIS SURVEY?

Lung cancer is a common cause of cancer for Māori, second commonest for non-Māori, and the most common cause of cancer deaths. Lung cancer screening using low dose CT scans reduces lung cancer deaths by up to 25%.

Artificial Intelligence (AI) will inevitably be part of a national lung cancer screening programme because of its potential to automatically characterise pulmonary nodules with a high degree of accuracy, sensitivity and specificity, while also reducing the workforce requirements and time involved in reading and analysing scans. However there are also concerns related to its use, from both a lung cancer screening participant and provider perspective. For the implementation of lung cancer screening to be successful, the use of AI has to be acceptable to both recipients and those delivering the screening.

WHERE DO I TAKE PART IN THIS SURVEY?

To access the survey, please click on the following links:

Radiologists: <https://redcap.otago.ac.nz/surveys/?s=X8NR3LW8EXXC7Y7CC>

All other health professionals: <https://redcap.otago.ac.nz/surveys/?s=TDCLMDACMEC7H9KH>

WHO DO I CONTACT FOR MORE INFORMATION?

If you have any questions about this research, you can contact either of the lead researchers:

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This study has been approved by the University of Otago Human Ethics Committee (Health) - Te Pae Matatika Tangata (Hauora), Ōtakou Whakaihu Waka (Ref H25/0473). If you have any concerns about the ethical conduct of the research you may contact the University of Otago Human Ethics Committee Te Pae Matatika Tangata, Ōtakou Whakaihu Waka through the Human Ethics Committee Administrator (ph +643 479 8256 or email humanethics@otago.ac.nz). Any issues you raise will be treated in confidence and investigated and you will be informed of the outcome.