**Daily update
(13 April 2021, 5.20pm)**

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**Artificial Intelligence used to automate assessment
of the 'asbestos cancer', Mesothelioma**

Patients receiving treatment for the "asbestos cancer", Mesothelioma, are being assessed with Artificial Intelligence (AI) as part of a prototype imaging system which could revolutionise the way people with the disease are cared for.

Scotland currently has the highest incidence of Mesothelioma in the world, a reflection of the historical use of asbestos in many UK industries, including shipbuilding and construction.

NHSGGC Research and Innovation staff were part of the study team, alongside AI and data scientists at Canon Medical and University of Glasgow clinical researchers based at Queen Elizabeth University Hospital.

The team created a prototype AI system able to automatically find and measure Mesothelioma on CT scans, which are used to assess patient's response to drug treatments like chemotherapy. The AI was trained by showing it over 100 CT scans, on which an expert clinician had drawn around all areas of the tumour – showing the AI what to look for. The trained AI was then shown a new set of scans and was able to find and measure the tumour extremely accurately, without any human input.

The tool, which could revolutionise the fight against cancer, intentionally focused on Mesothelioma given its prominence in Scotland and because it is one of the most difficult-to-measure cancers on CT scans. This is because it grows like a 'rind' around the surface of the lung, forming a complex shape - rather than a round ball like most tumours. The successful results of the project will provide a strong foundation for similar tools to be developed in the assessment of other cancers.

Click here for more information.

Active Staff survey

Over the past month or so we have re-established your outdoor
Bootcamps and also introduced online content. At your Active Staff we are committed to giving you a positive experience, learn from your feedback so far and how we can improve things going forward.

We would be grateful if you could assist us by completing this short survey by accessing the link below:

https://link.webropolsurveys.com/S/0C4440D62696E28B

We look forward to receiving your feedback which will close at Noon on Friday 23 April 2021.

Public Transport update

As restrictions are relaxed, public transport providers continue to review their service levels. McGill's Buses are now operating a full service on all routes and from Monday 19 April and Stagecoach will be increasing service levels on a number of routes. Up-to-date information on public transport provision is available from Traveline Scotland.

Health and Safety message - Monitoring COVID control measures

To assist local areas in monitoring the social distancing control measures in place, a monitoring log is available for use. The log is located here.

Information relation to Social Distancing can be found here. If you have any ideas to improve Social Distancing practice, please share with your line manager and email here: SDCommsGroup@ggc.scot.nhs.uk

Please keep up-to-date with the latest guidance on our dedicated web pages at: www.nhsggc.org.uk/covid19. If you have any questions about the current situation please check the FAQs first. If you have any further questions, please email: staff.covid19@ggc.scot.nhs.uk

Staff are reminded to make sure their personal contact details are up to date on eESS.