



UKCGG-National Cancer Genetics MDT meeting: 16th January 2025

Mixed Cases- lead by Aberdeen

Meeting contact:

Zosia Miedzybrodzka – Zosia.miedzybrodzka@nhs.scot

Thank you to everyone who attended this session. Below is a summary of the presented cases and relevant publications and resources to refer to.

Presented Cases

Case 1	The place of lung CT scan in asymptomatic patients with Birt-Hogg-Dube syndrome	Presented by: Prof Zosia Miedzybrodzka, NHS Grampian, zosia.miedzybrodzka@nhs.scot
	Actions/Outcome: Assess need on case-by-case basis, no consensus approach agreed.	

Relevant publications/resources

Topic	Link
UKCGG Management guidelines for FLCN germline pathogenic variant carriers	UKCGG leaflets and guidelines - Cancer Genetics Group

Expert Speaker Talk

Using AI to improve mammographic screening

Dr Gerald Lip, Clinical Director, North East of Scotland Breast Screening Programme

Talk Summary:

There are many potential benefits to the use of AI, to help not only with the aging population and the shortage of Radiologists but also to help improve cancer detection through the use of dual-reading. Using AI to assess breast mammograms may allow cancers to be picked up that would not have been seen by a screening Radiologist. However, at this time there are still limitations in the use of AI.

A study which looked at the attitudes of patients towards the use of AI in breast screening showed 80% of women were pro-AI and the majority would accept the use of AI as long as it was still monitored by a human. There are differences between AI tools, with different cancers being detected by AI algorithms.

A study was carried out in NHS Grampian clinic practice. Using AI identified more cancers than the standard double reading protocol, without increasing the recall rate. There was also a reduction in the overall workload. AI-assisted assessment detected cancers which were mostly invasive and high grade, highlighting importance.

There is an ongoing trial called Early Detection using Information Technology in Health (EDITH): A multi-centre mammography AI trial which will research the difference in clinical and cost-effectiveness between various uses of AI and the standard double reading pathway.

Next meeting details

Date	Thursday May 15 th 2025
Time	12:30 pm-1:45 pm
Theme	Dermatogenetics
Leading centre	Southampton
Contact for cases	Schaida Schirwani Schaida.schirwani@uhs.nhs.uk

**Please send any questions or ideas for future meetings to
UKCGGNationalMDT@icr.ac.uk**