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UK researchers design AI tool for aggressive ovarian cancer screening

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The tool is intended to enable tailored treatment based on the patient requirements.



A team at The Institute of Cancer Research, London, has created an artificial intelligence (AI) tool that looks for clusters of cells within tumours with misshapen nuclei, the control centres within each cell.

The researchers found that having misshapen nuclei was an indication that the DNA of cancer cells had become unstable, and believe it could in future help doctors to select the best treatment for each patient.

The researchers also found that immune cells were not able to move into the clusters of cells with misshapen nuclei, which suggests that cancers with these clusters are better at evading the immune system.