Lung cancer facts:

**Lung nodules can be found incidentally**

The basics
- Incidental pulmonary nodules (IPNs) are abnormal growths in the lungs.
- They are found on imaging scans taken in routine clinical practice, while investigating or diagnosing another health condition.
- Most IPNs are benign, but some are cancerous.

The research
- Approximately 20-30% of lung CTs will find incidental nodules.
- IPNs can be overlooked, misinterpreted, or not appropriately followed up for further testing.
- A US study indicated that only 36% of patients with an indeterminate IPN receive follow-up.

― "Incidental pulmonary nodules are a major contributor to medical procedures. Although the majority will not be cancerous, sufficient numbers of patients will have cancer detected in this way.

A uniform approach and better characterisation of these nodules is vital for patients as well as for the economic use of healthcare."

Prof Edwin Van Beek, radiologist at the University of Edinburgh and member of the IPN-AI Steering Committee

An ongoing initiative:
**The PINPOINT Project**
- Global biopharmaceutical company AstraZeneca and Med-Tech front runner Aidence have launched the IPN-AI project.
- Aidence’s AI lung nodule solutions will be implemented in 25-30 hospitals for better detection and follow-up of IPNs.
- AI tools have the potential to identify IPNs on chest CTs, classify them, and provide accurate measurements to assess growth.

Do you want to learn about the use of AI for IPN detection and follow up?

Get in touch.

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