

5.17 GP Direct Access to Low dose CT scan in the Southern Trust - experience and outcomes in Lung Cancer

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Background: The GP Direct Access to Low dose CT scan pilot initially started in the Southern Trust in October 2020. It is now an established service. The new diagnostic pathway was the first to be introduced in Northern Ireland for suspect lung cancer patients. **Methods:** Data has been collected to assess its use and outcomes. From October 2020 to October 2023 there were 3403 referrals received and 2952 scans were completed, with numbers increasing each year. **Results:** 2020- 2022 data - 1034 scans completed during this time period. Results showed 60% no significant abnormality, 12% required further follow-up, 18% had another lung condition identified, 12% had another condition identified (not lung) and 3.7% were highly suspicious of cancer. Of the 39 scans that were highly suspicious of cancer, 19 patients had a confirmed diagnosis of cancer, 14 patients had lung cancer and 5 patients were diagnosed with other types of cancer: Metastatic colonic carcinoma; Hodgkins Lymphoma (x2); Renal cancer and Oesophageal cancer. The remaining patients (20) were diagnosed with other lung conditions. **Conclusion:** We believe this is an important and valuable service allowing prompt referral for investigation and ultimately early diagnosis of lung cancer in the Southern Trust. **Disclosures: Conflict of Interest:** The authors declare that they have no conflict of interest