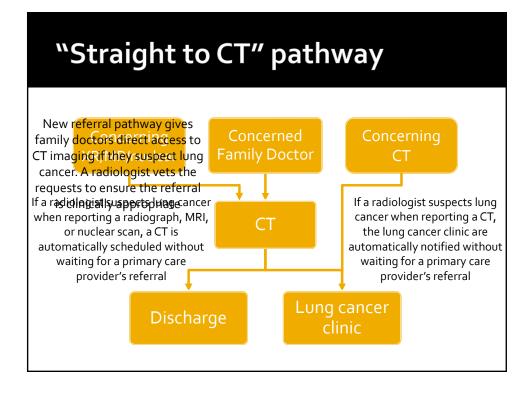
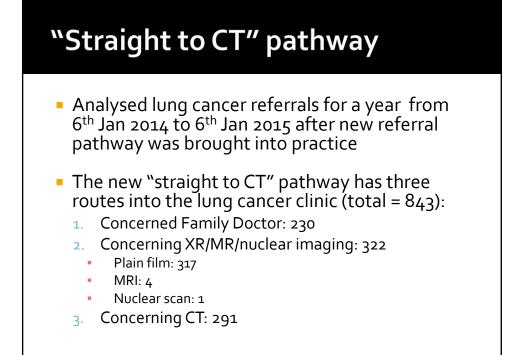
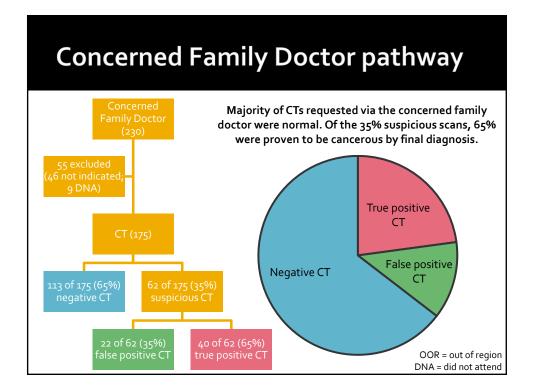


Lung cancer pathway

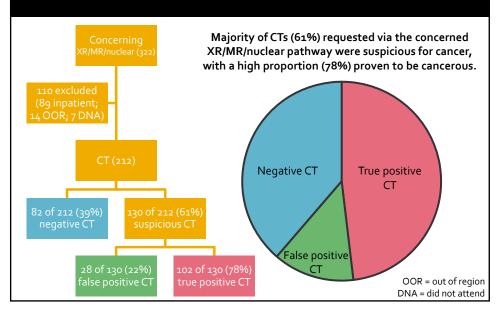
- Streamline system by moving CT to the front of the pathway & allow radiologists to refer patients for a CT if they report a suspicious XR
 - Replicate cost saving benefits of early imaging seen in inpatient studies (*Batlle et al., 2010*)
 - Reduced time to diagnosis allows faster treatment
 - The reduction in time to treatment is not likely to have a significant effect on clinical outcome as the difference is a matter of days/weeks
 - Less patient anxiety with faster time to diagnosis

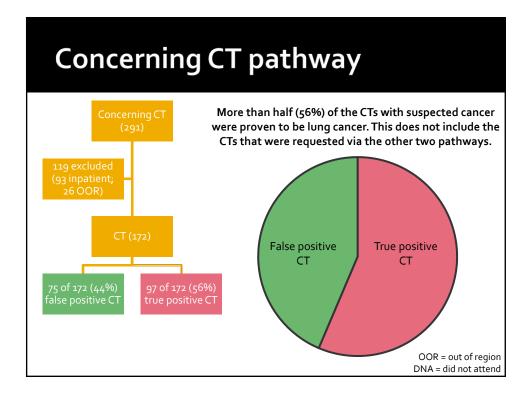






Concerning XR/MR/nuclear pathway





"Straight to CT" vs old pathway

- "Straight to CT" is faster and more cost-effective
 - 42% cost saving compared to previous year
 - Faster referral means quicker diagnosis & less patient anxiety
- Role of radiologist in "Straight to CT" pathway
 - Radiologist reviews referral from family doctors to ensure appropriateness, which does add to radiologist's workload
 - CTs marked as suspicious for cancer by thoracic trained radiologists were significantly more likely to be proven to be cancerous (78%) than CTs marked by non-thoracic trained radiologists (53%). May need thoracic trained radiologists to report CTs to maximise value
- Loss of the lung cancer clinic to filter requests for CT imaging may lead to more imaging being performed
 - However, our results show a similar number of CTs performed before and after the new referral pathway

Lung Cancer: Moving Imaging to the Front of Outpatient Pathways

A Nanapragasam, N Maddock, A McIver, C Smyth, M Walshaw, M Ledson

Reference: Batlle, J. et al. (2010). Patients Imaged Early During Admission Demonstrate Reduced Length of Hospital Stay: A Retrospective Cohort Study of Patients Undergoing Cross-Sectional Imaging. Journal of the American College of Radiology, 7(4), pp.269-276



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