Scanning for Cancer

Latest insights and results

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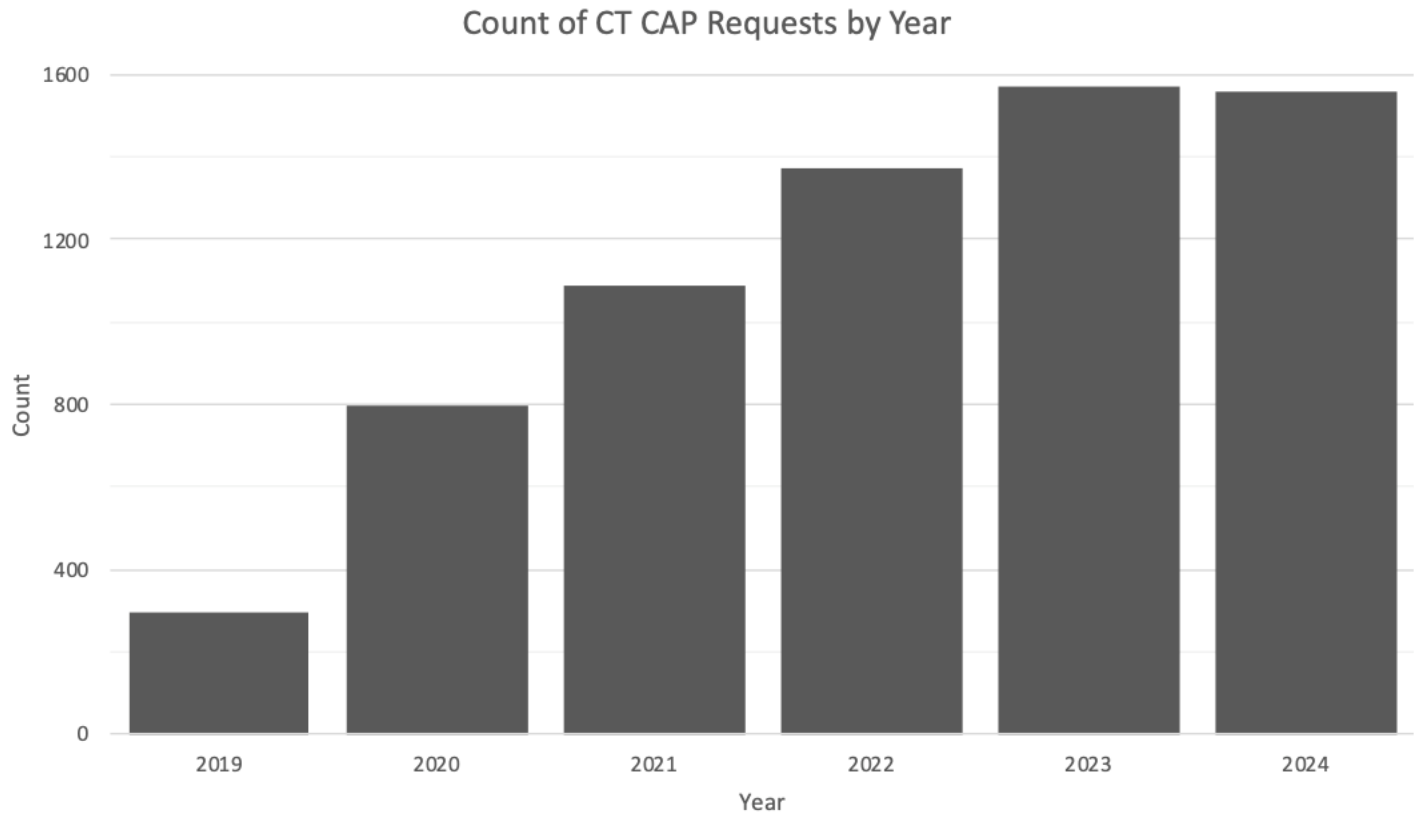
Introduction

- GP direct referrals for CT whole body introduced in 2019 after pilot
- Pilot pickup rate of 24%
- Annually increasing demands on radiology services
- Incidental findings requiring follow up
- Realistic medicine

Some numbers…



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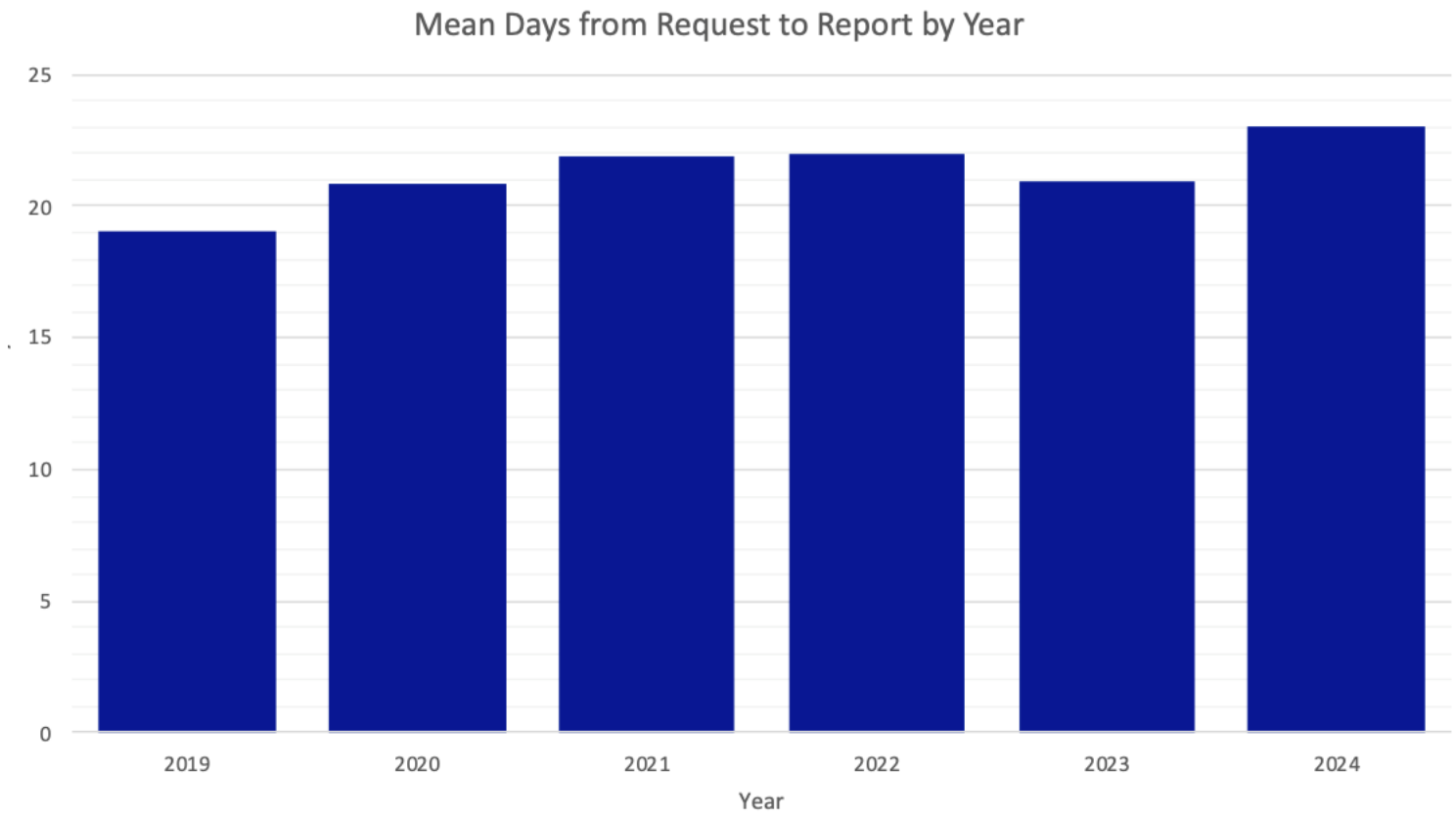


Our Audit

Three main questions

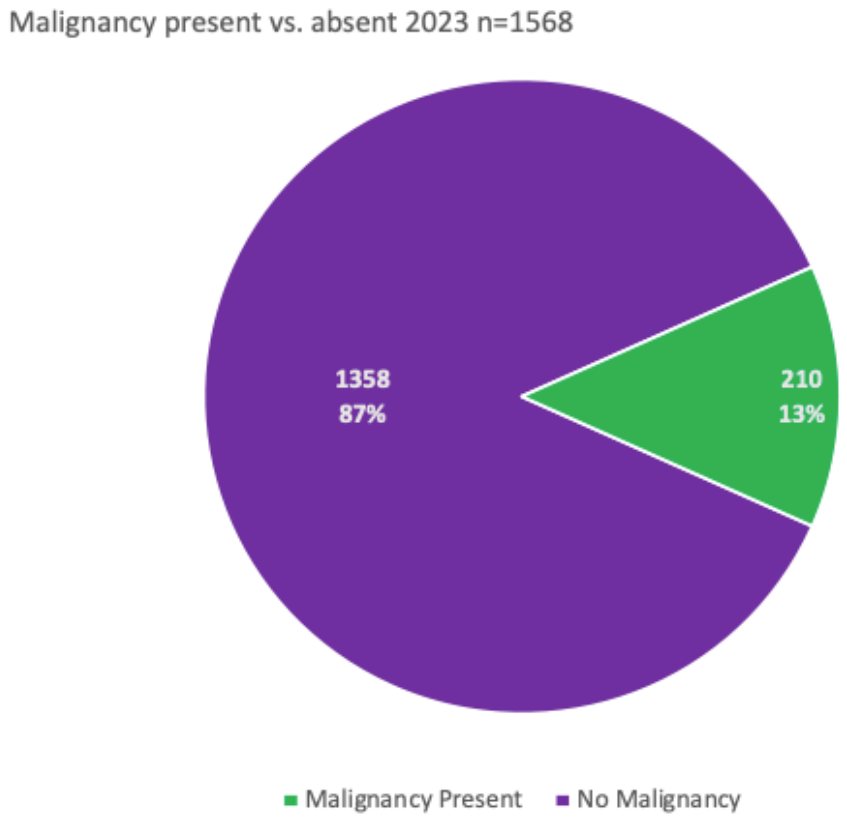
1. Was a malignancy identified?
2. Was there incidental finding which required further work-up?
3. Were the criteria satisfied for an USOC CT CAP referral in each case?

Further questions

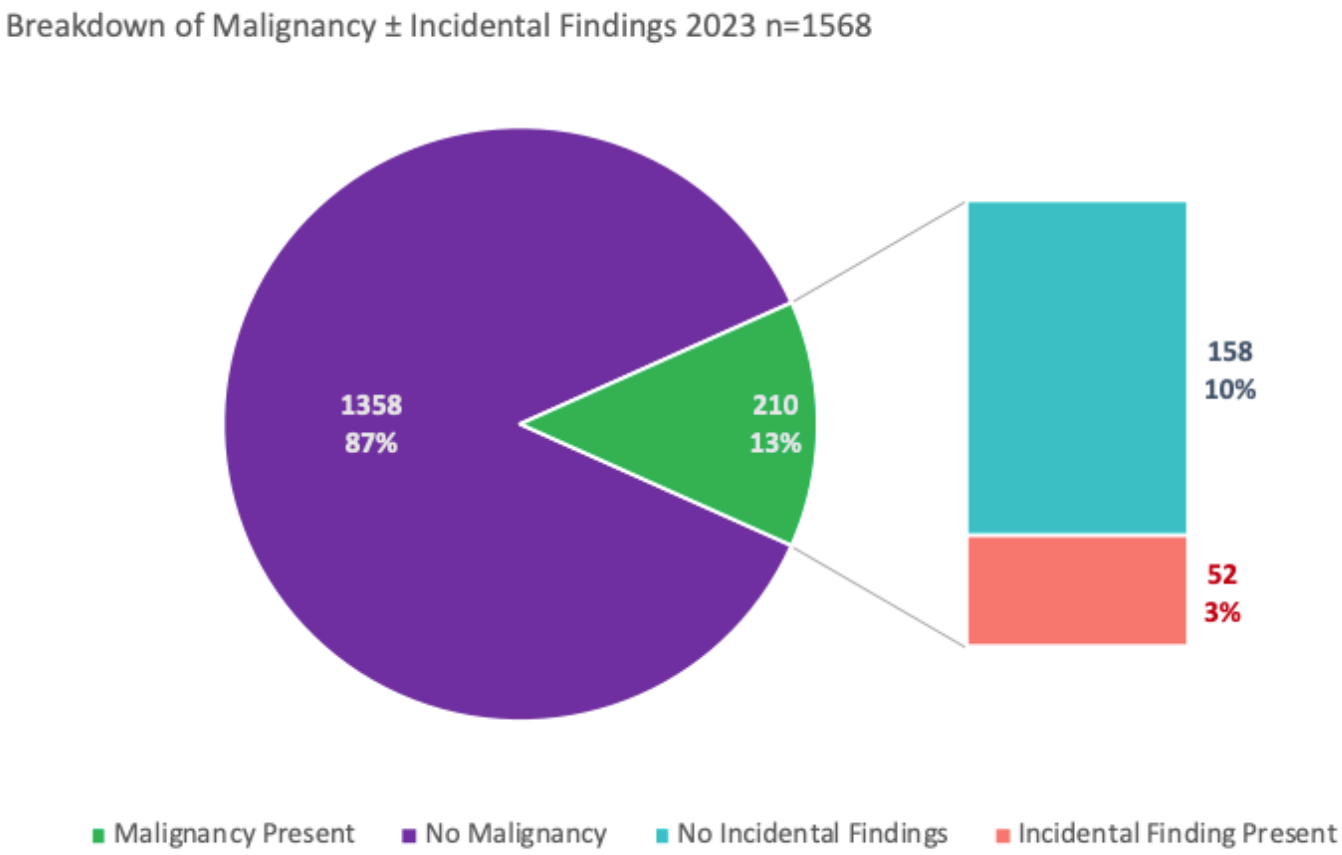
1. What were the organ(s) of primary malignancy
2. Where did the burden of follow-up for incidental findings fall?

… is the pathway fit for purpose?

Malignancy – Detection Rate



Malignancy – Incidental findings



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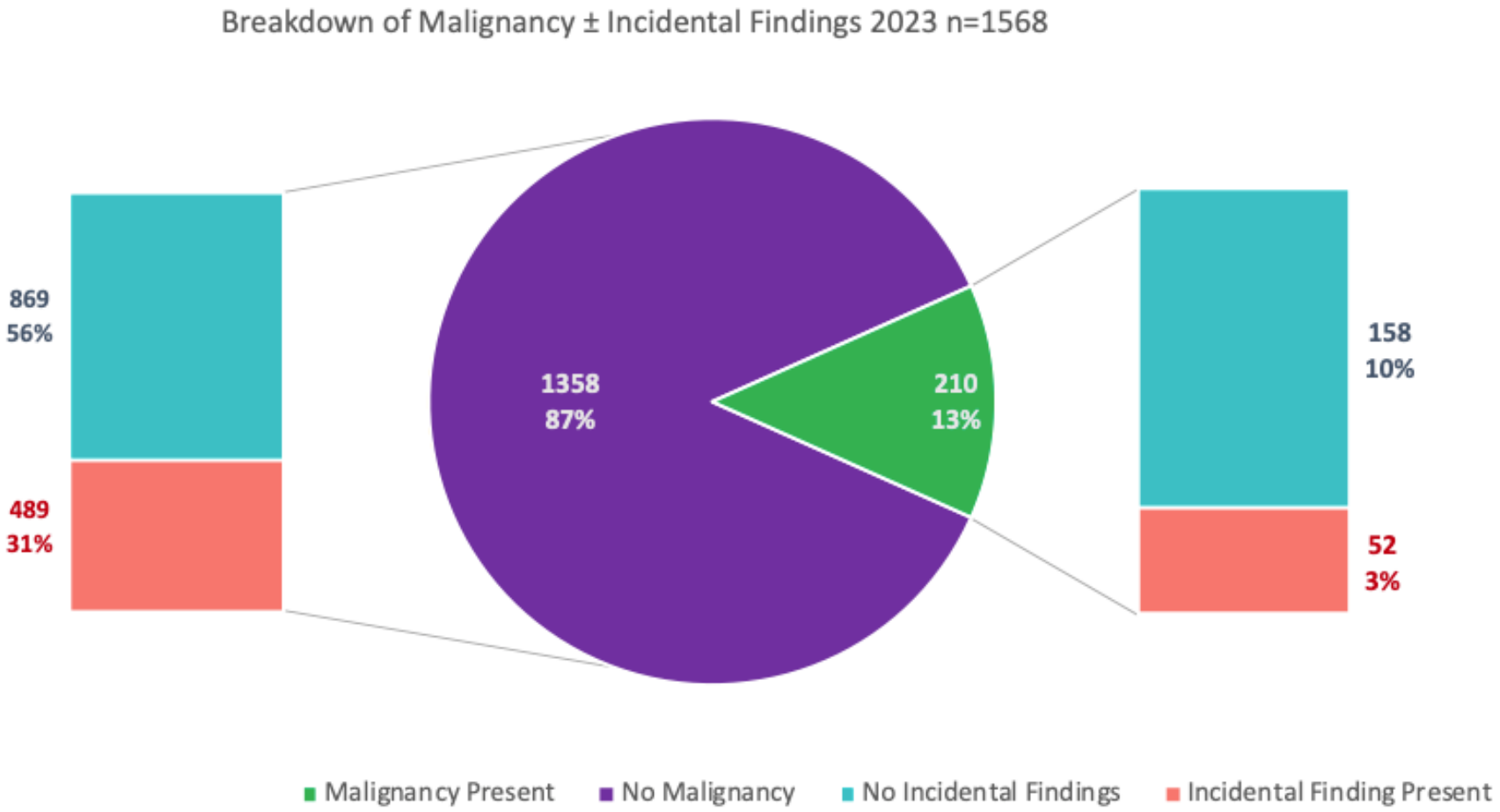
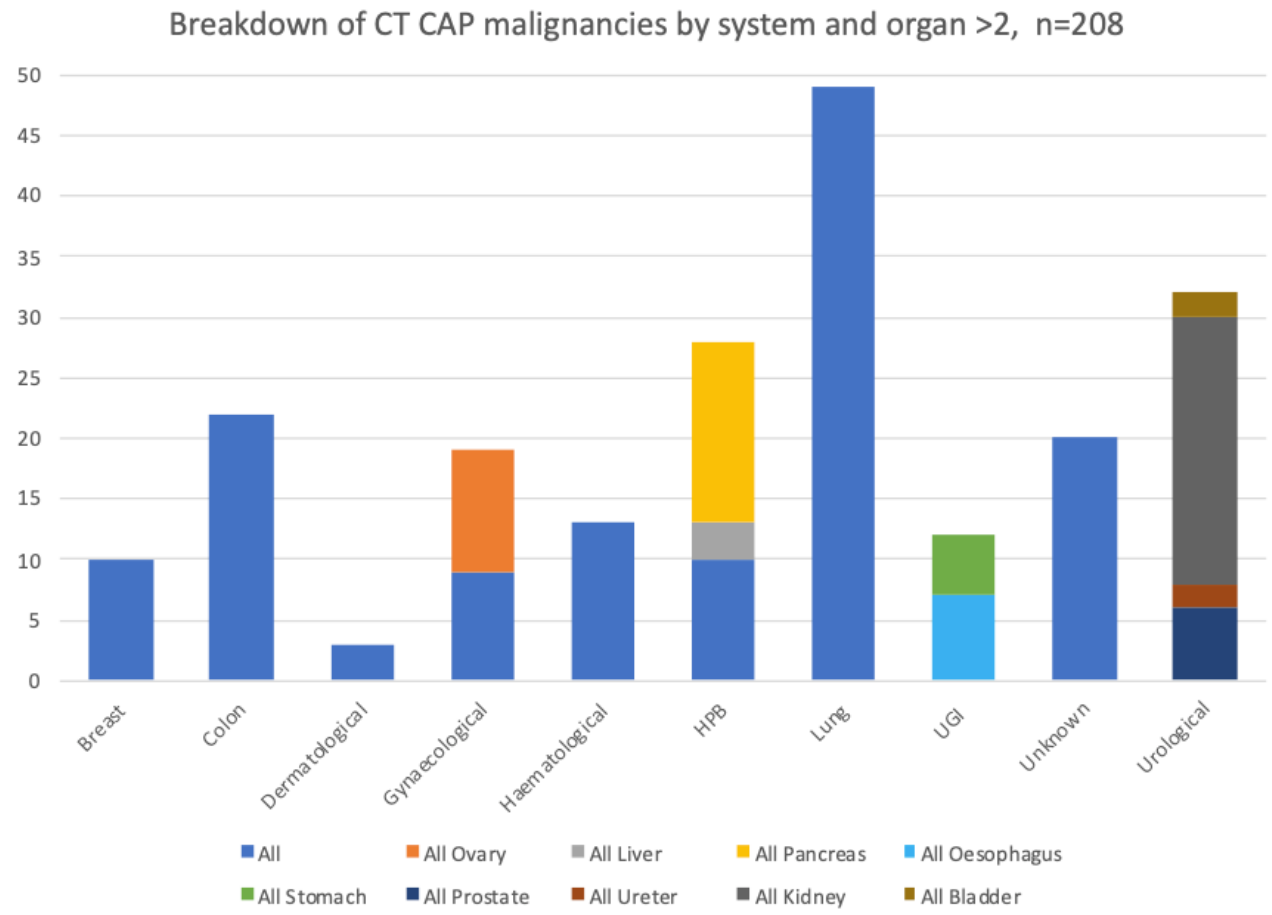
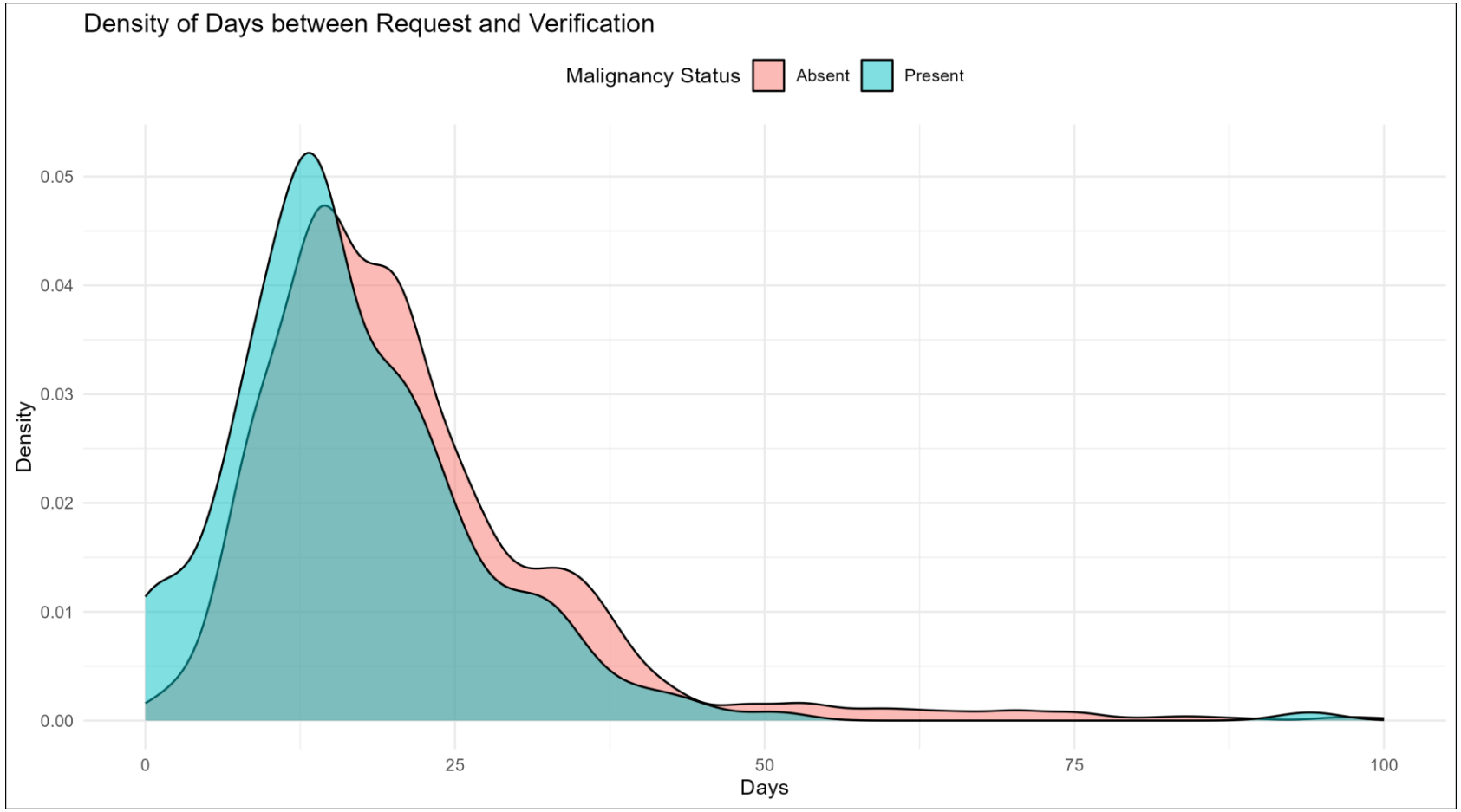


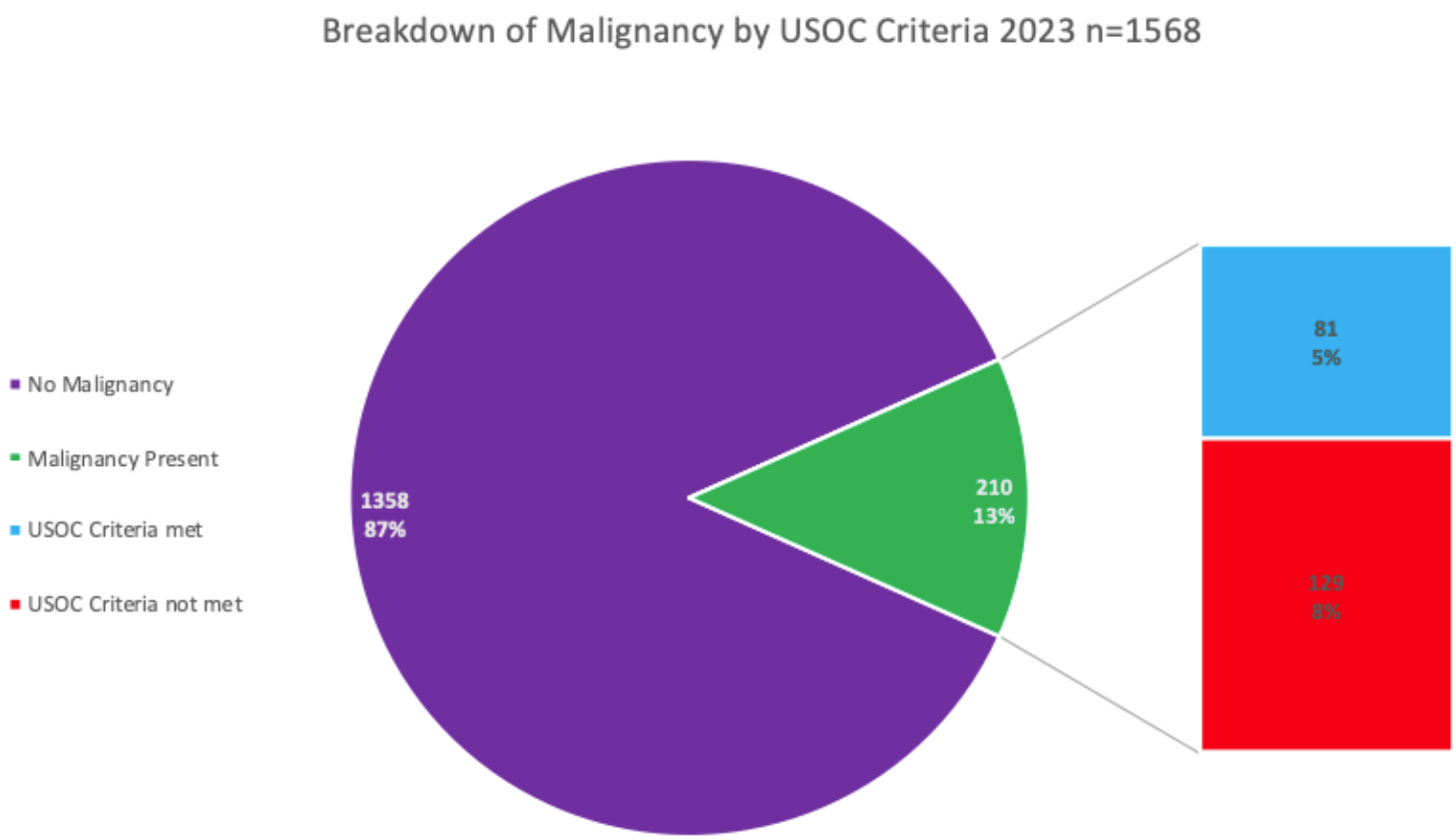
Malignancy – breakdown by system/organ



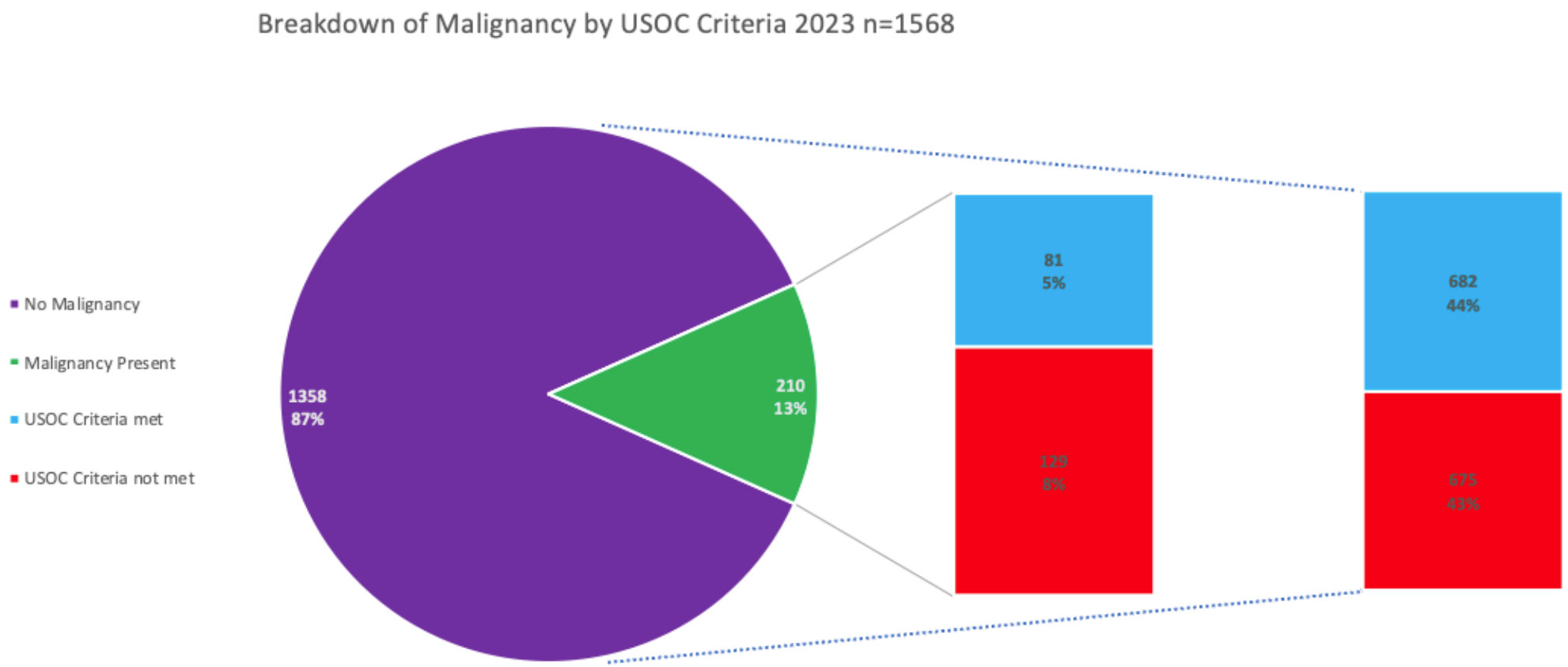
Malignancy – request-to-report days



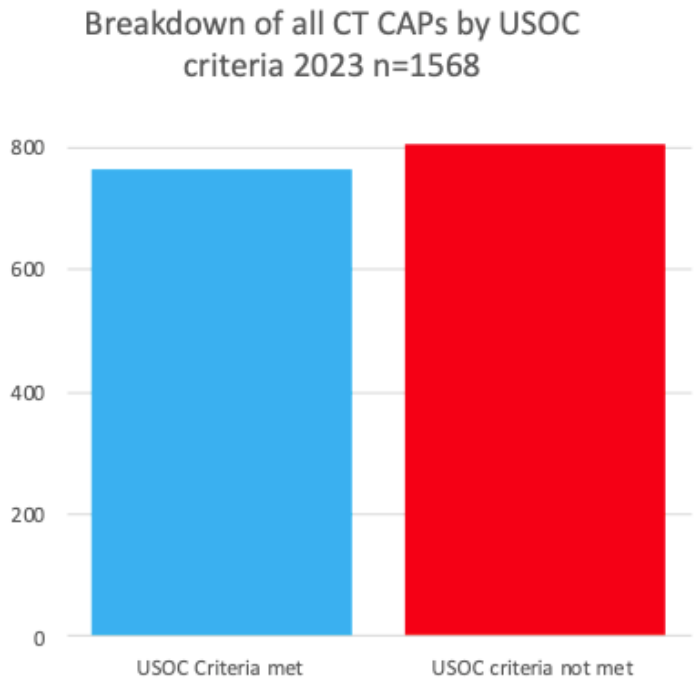
Malignancy – USOC criteria predictive?



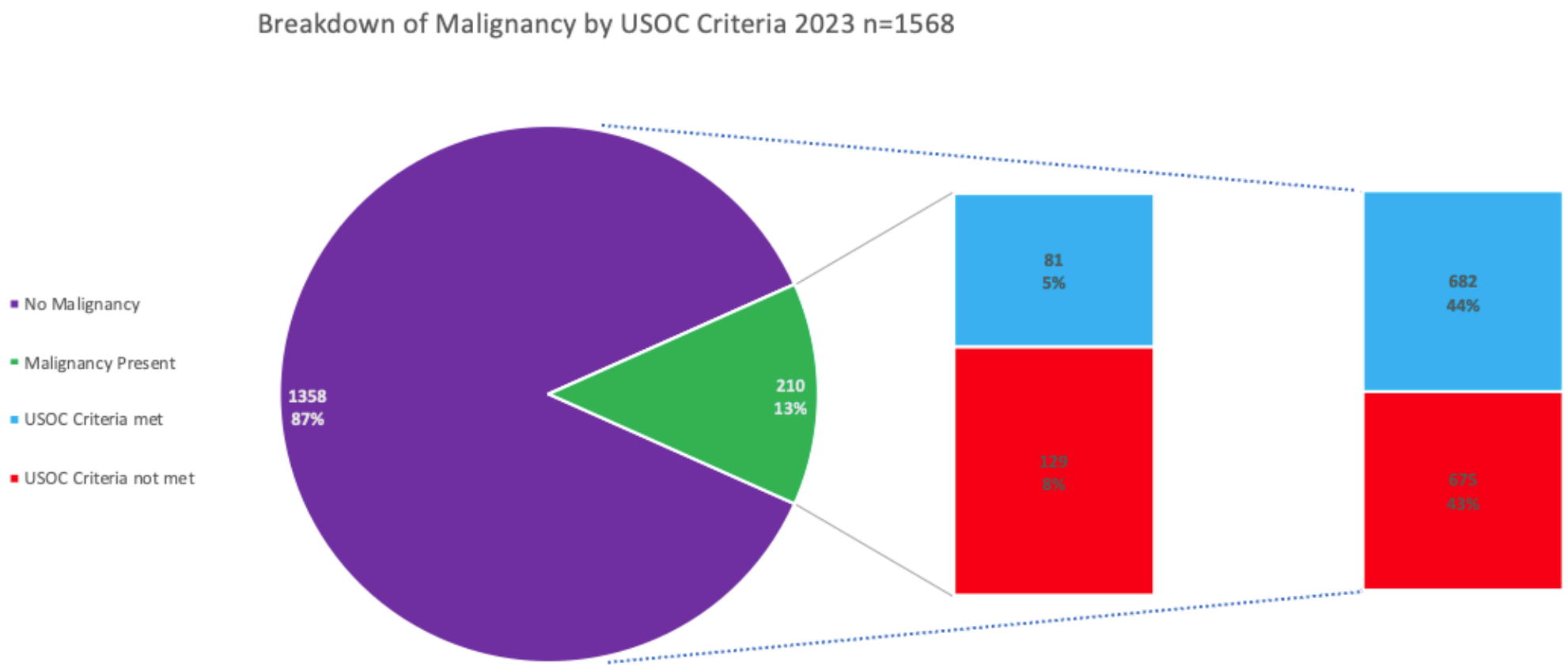
Malignancy – USOC criteria predictive?



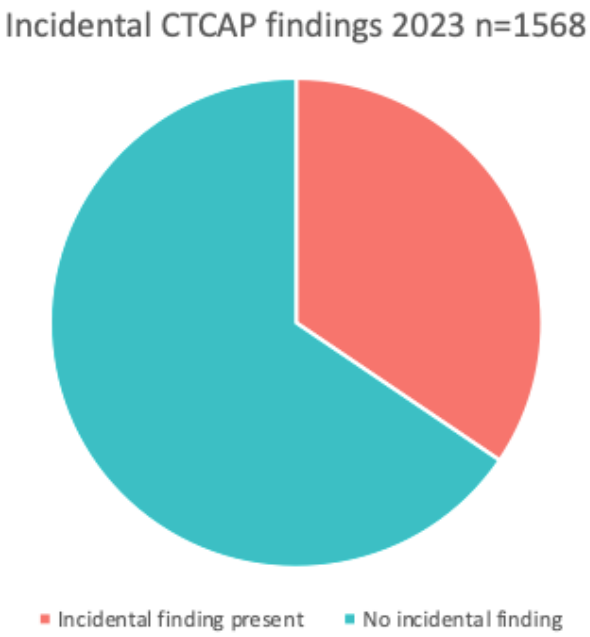
Malignancy – USOC criteria predictive?

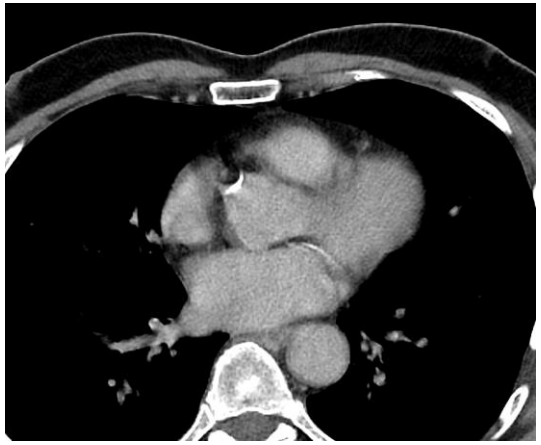


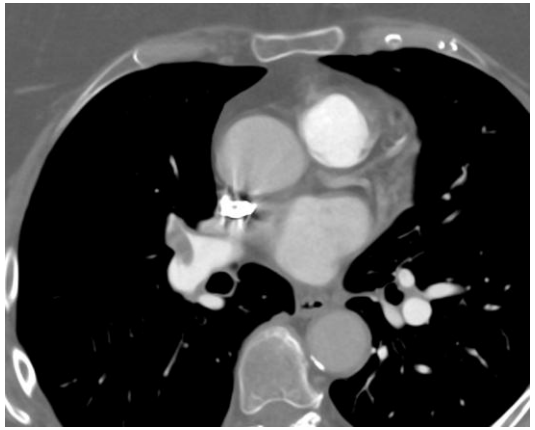
Malignancy – USOC criteria predictive?

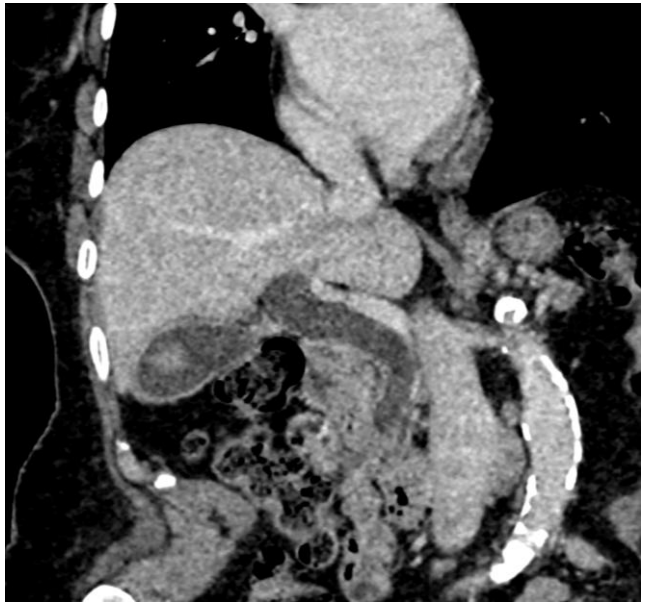


Incidental Findings

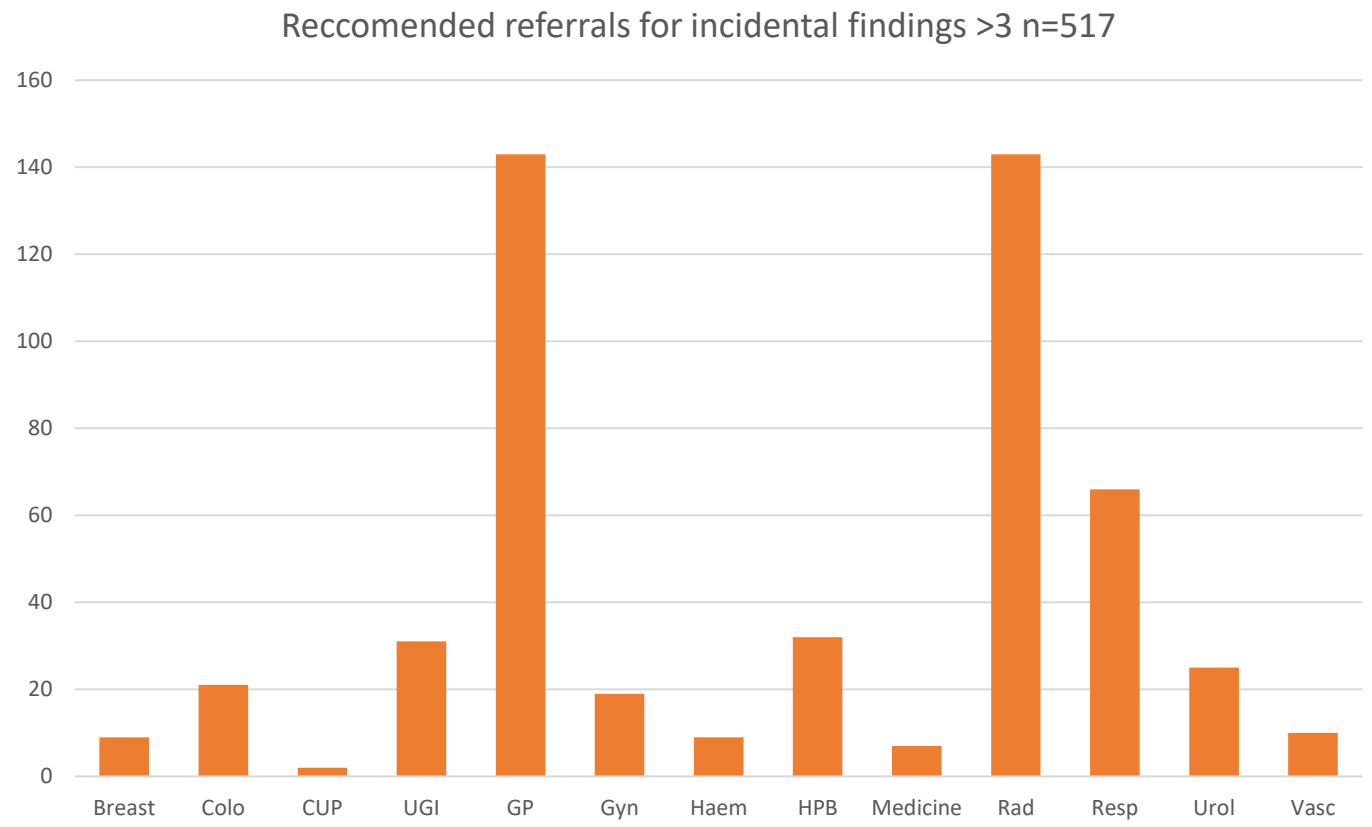








Incidental findings – who follows up?



What can we conclude?

The pickup rate for a new likely malignancy was **13.4%**

The proportion of scans with incidental findings, requiring further follow-up, was **34.5%**

- Largest burden of these follow-ups fell to General Practice (28%) and Radiology (28%)

The proportion of scans which met the USOC criteria was only **48.6%**

- However, USOC criteria (10% weight loss) are not particularly predictive of malignancy