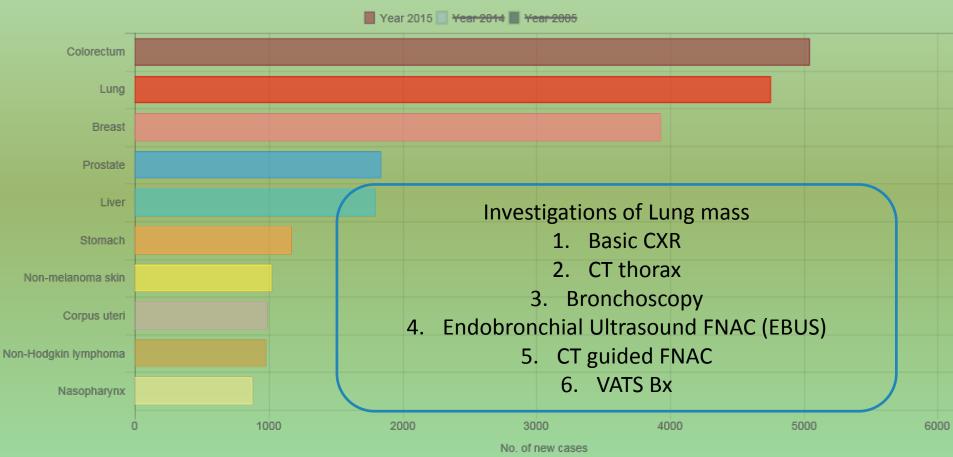
# Respiratory Special Assessment Clinic and Early Case Manager Approach

Princess Margaret Hospital
Respiratory Team M&G
2018 HA Convention



# Introduction

Top 10 Cancers in Hong Kong (No. of new cases for Both Sexes)





# Objective/Methodology

- To identified the hurdles in current referral systems and diagnostic problems
- To evaluate the enhancement in case manager assignment for the diagnostic logistic
- Retrospective identification of the patients between Nov 2015 to April 2016 with lung mass identified
- Another prospective data collection is made after case manager was assigned to follow the diagnostic logistics, data collection with different time duration of assessment and intervention

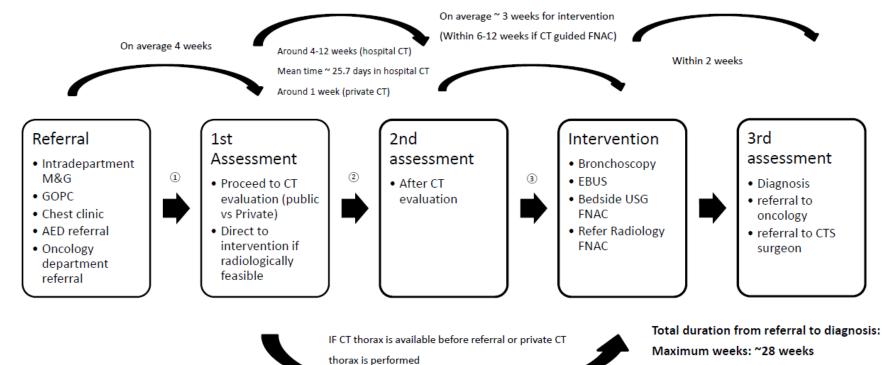
## Result

#### Review Nov 2015 - April 2016

167 patients: have abnormal lung shadow

139 patients require intervention

(Private CT: 56; Public CT: 70; No CT: 13)



Minimum weeks: ~8 weeks

## Result

# Aug 2017 – Dec 2017 After RSAC clinic

41 patients: have abnormal lung shadow 26 patients require intervention On average ~ 3 weeks for intervention (Within 6-12 weeks if CT guided FNAC) Mean waiting time 13.5 days About 60% goes private CT Within 2 weeks Remaining 40% hospital CT RSAC clinic (Respiratory Special (Shorten imaging time) Assessment Clinic) 3rd Intervention Referral 1st 2nd Assessment assessment assessment Intradepartment Bronchoscopy M&G EBUS Proceed to CT After CT Diagnosis GOPC evaluation (public evaluation Bedside USG referral to vs Private) Chest clinic FNAC oncology AED referral Direct to Refer Radiology · referral to CTS intervention if **FNAC**  Oncology surgeon radiologically department feasible referral Mean duration: 23.3 days (from BSAC to intervention) Mean Time from Detection of Abnormality to With Case manager involvement

Diagnosis ~ 38.8 days

# Conclusion

- Diagnosis of Lung cancer is complex with different hurdles including appropriate selection of imaging, appropriate selection of diagnostic interventions, and the potential waiting time for inter-referral and the waiting time for procedures
- With the development of early intervention clinic by early specialist attention, and the help of case manager intervention before the diagnosis, the logistic smoothens with significant reduction in variation in time to diagnosis
- Hopefully, this approach can be more efficient and to enhance a better patient safety
- Early diagnosis potentially helps to reduce mortality and morbidities

