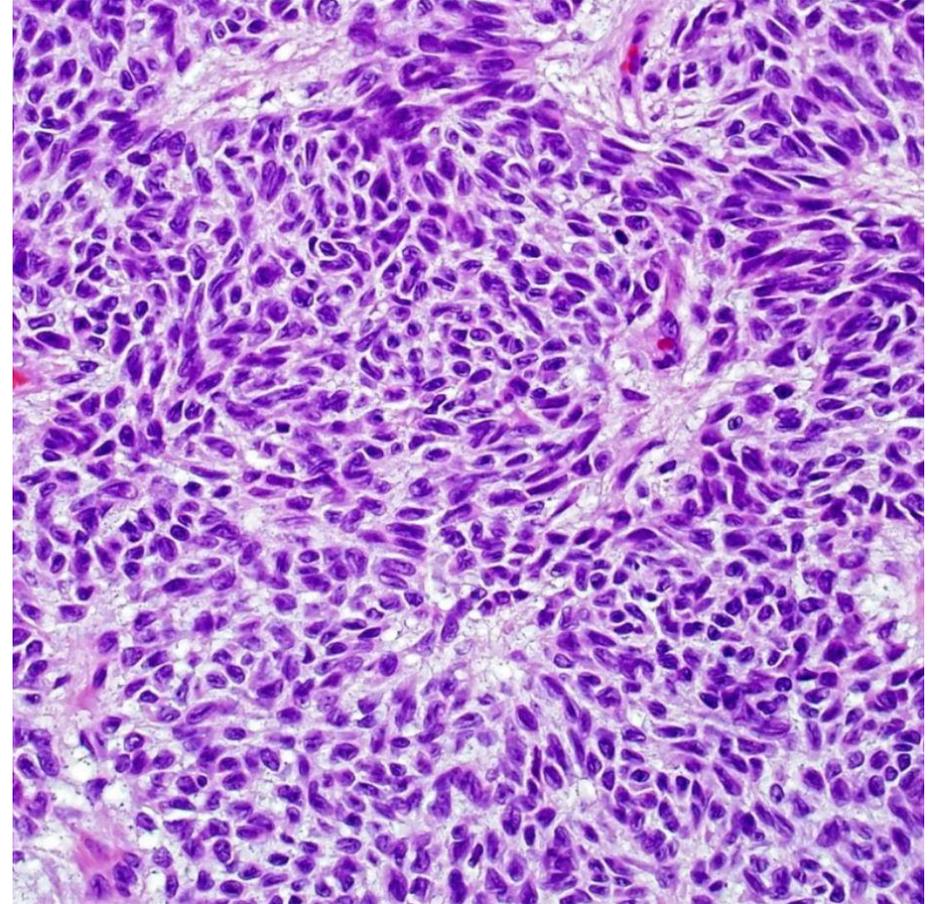


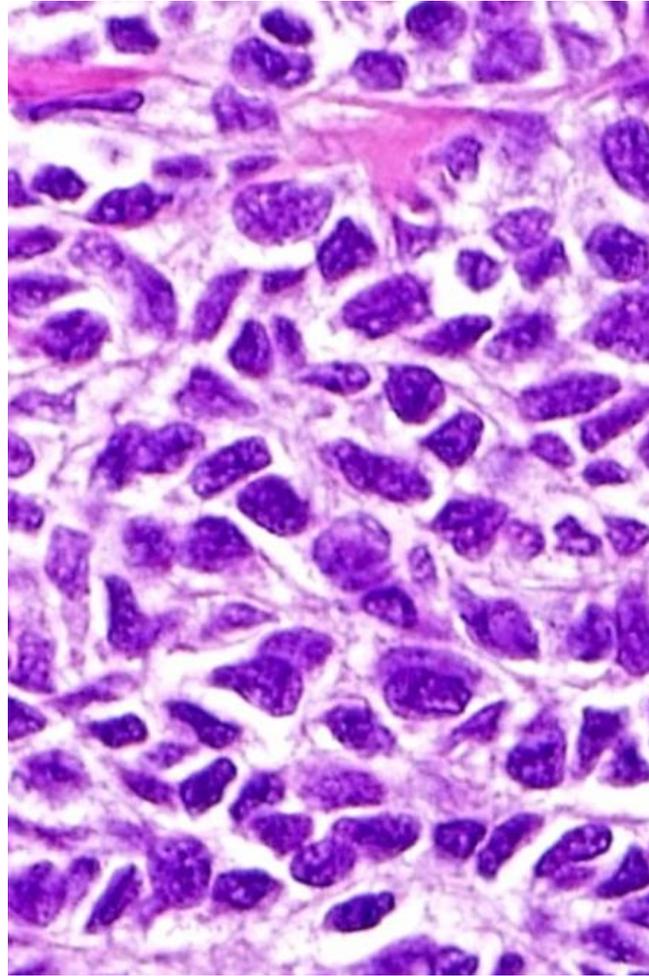
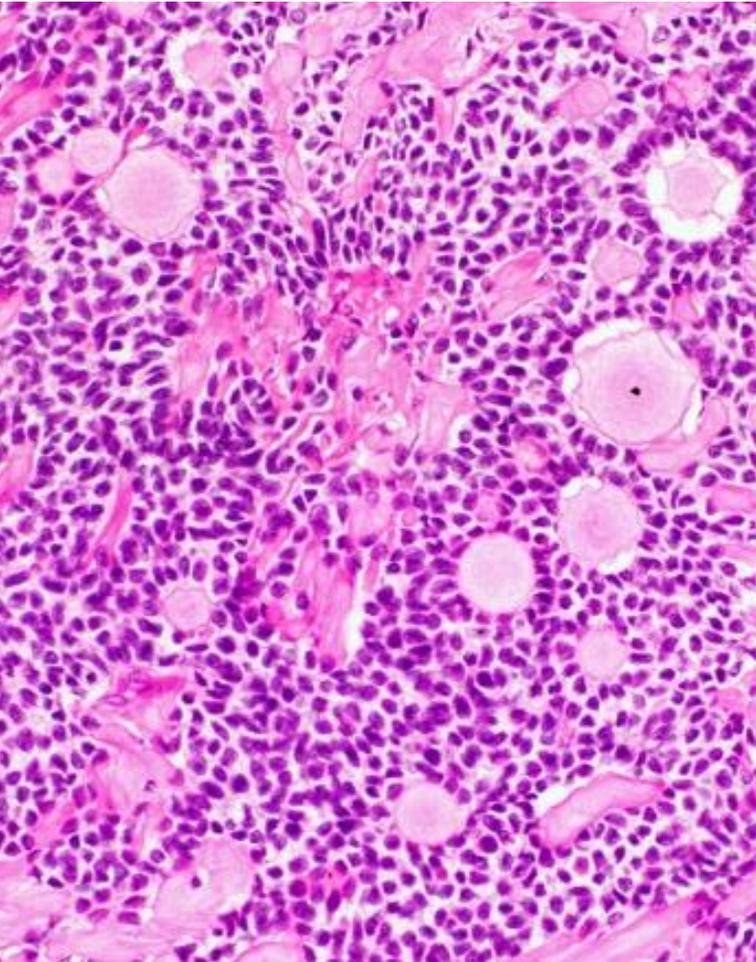
Picture Quiz (April 2023)

Ritu Bhalla, MD

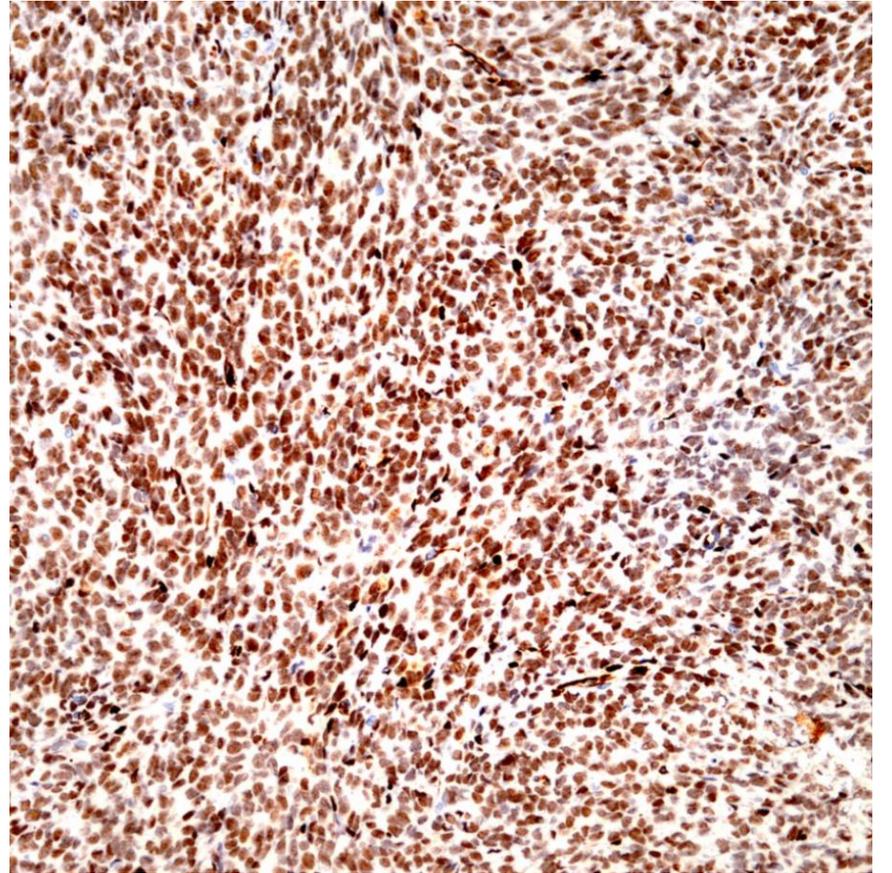
Case 1

- 44 year old male presenting with painless enlargement of right testis, imaging reveals a 5.5 cm mass. Pictures from subsequent orchiectomy (this slide and next). The neoplasm is negative for SALL4.
- Your diagnosis?



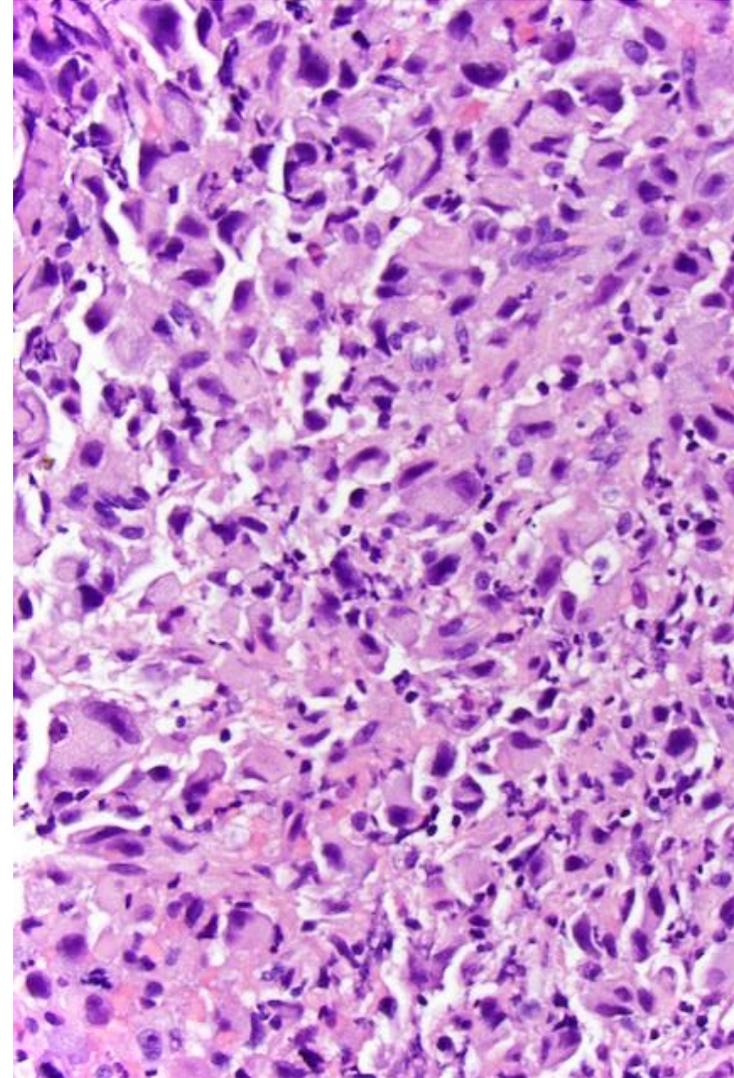


SF1



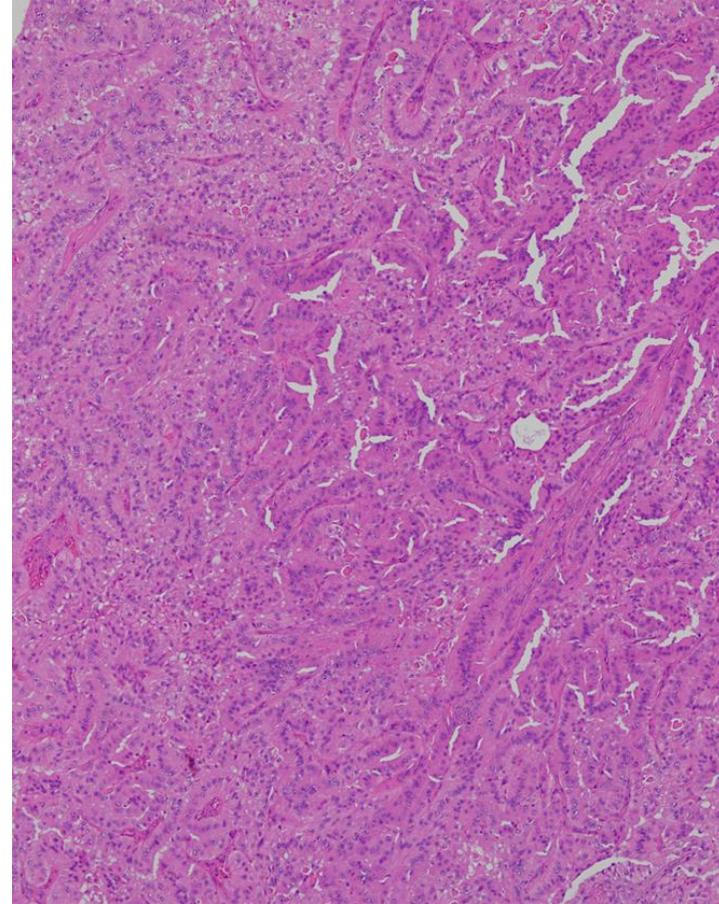
Case 2

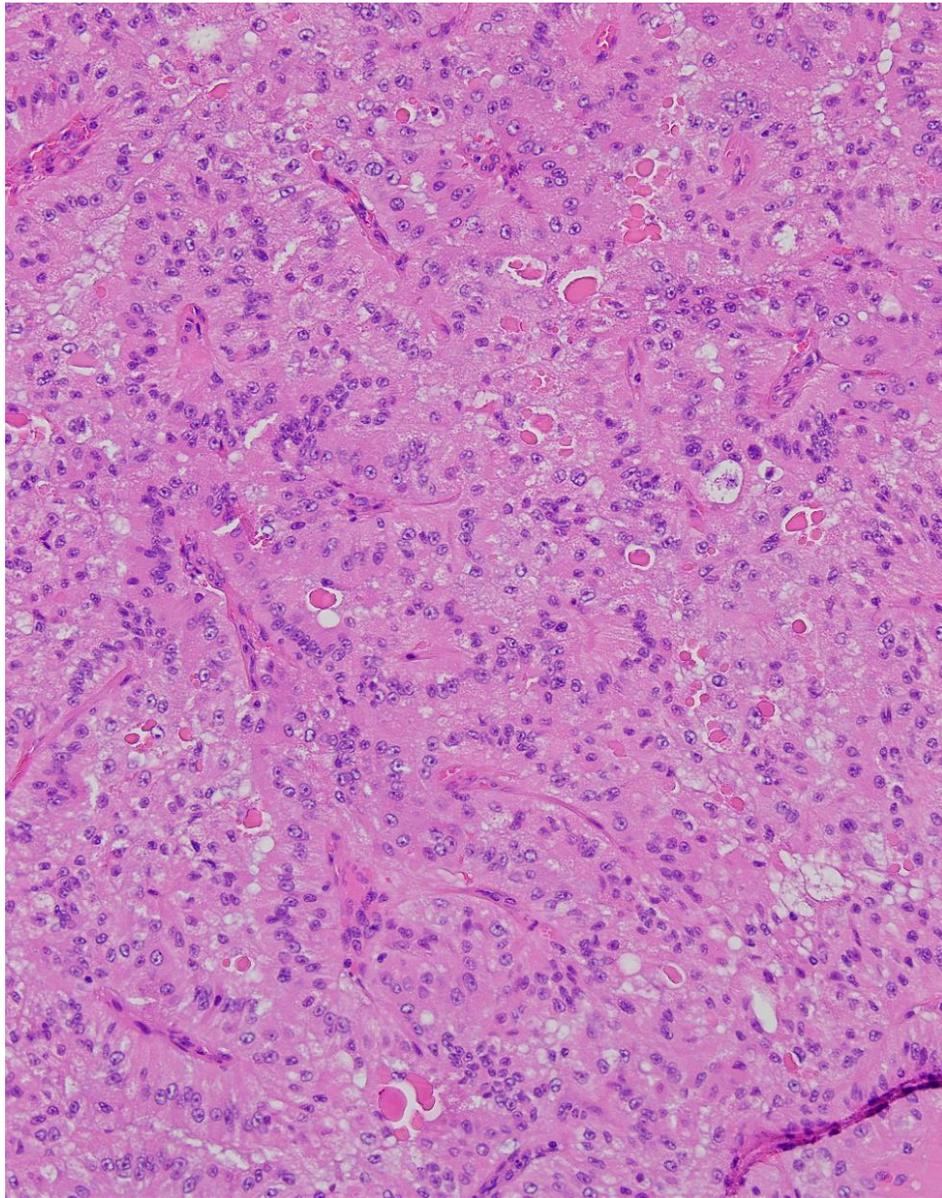
- Resection of a rapidly growing neck mass of a 68 year old female. Via imaging, appears to be arising from thyroid. The neoplasm is focally positive for Pax 8, and negative for TTF1. What is your diagnosis?



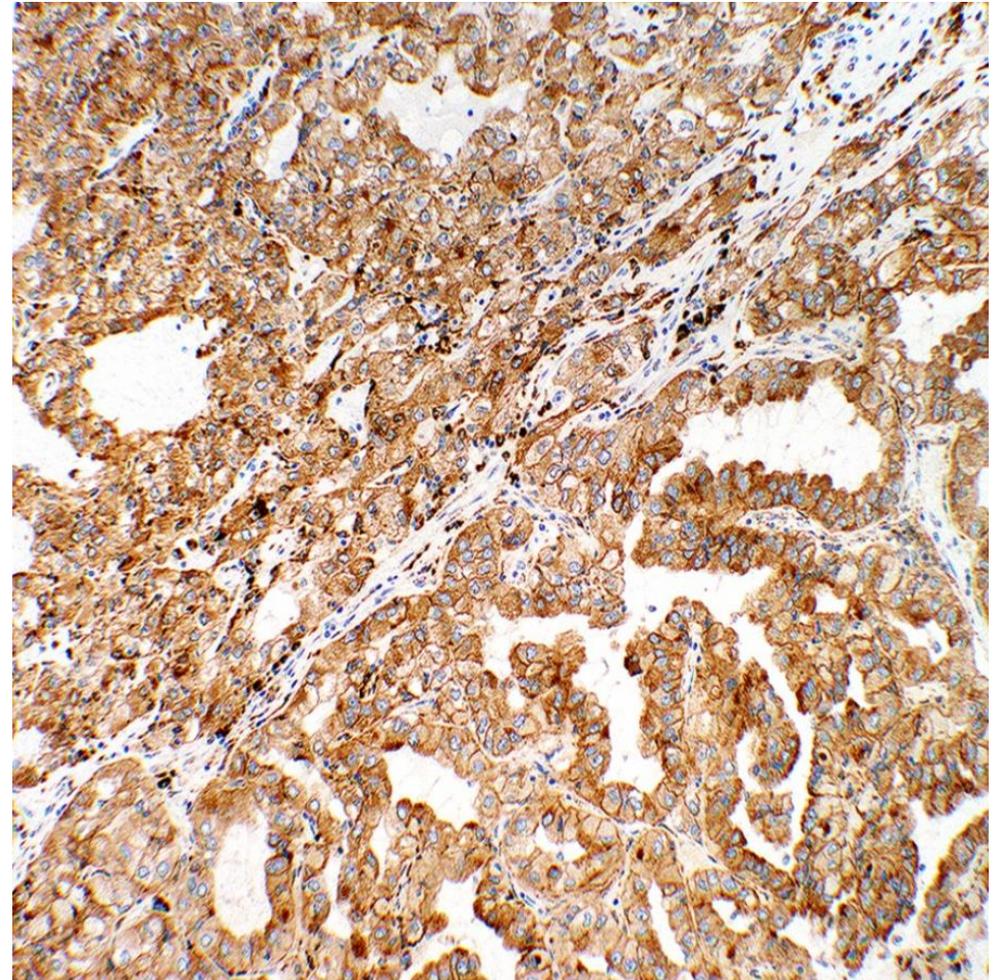
Case 3

- 63 year old male with nephrectomy for a 4.7 cm mass lesion, following a 4 month presentation with hematuria, right sided flank pain and palpable mass.





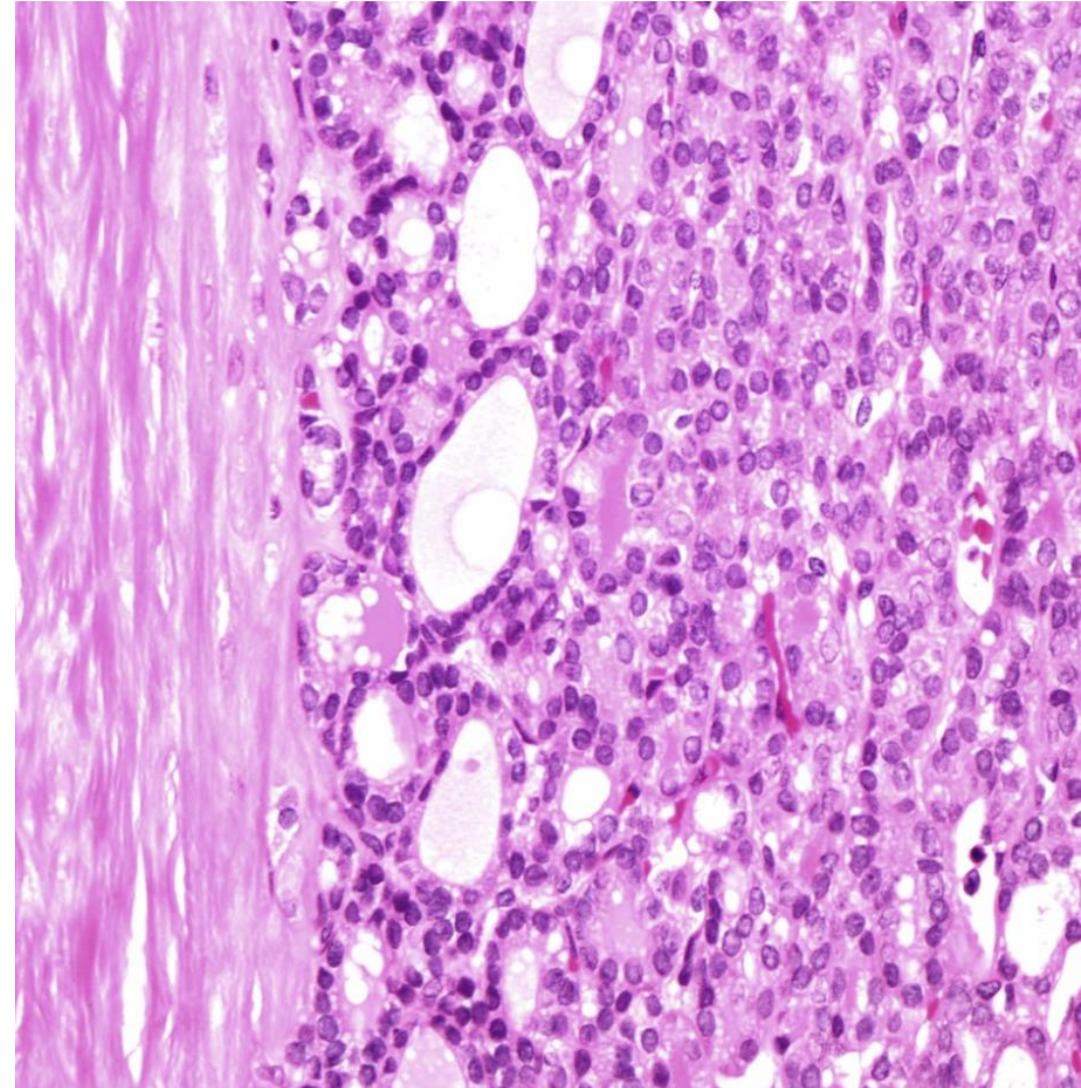
Cathepsin K

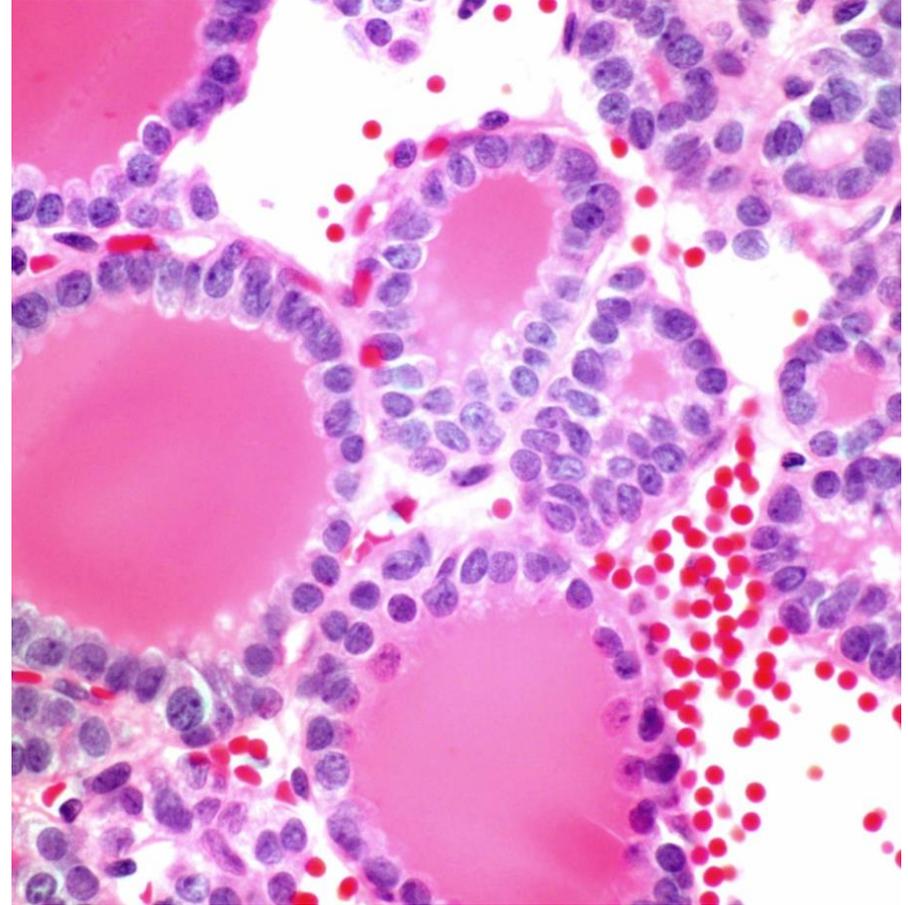
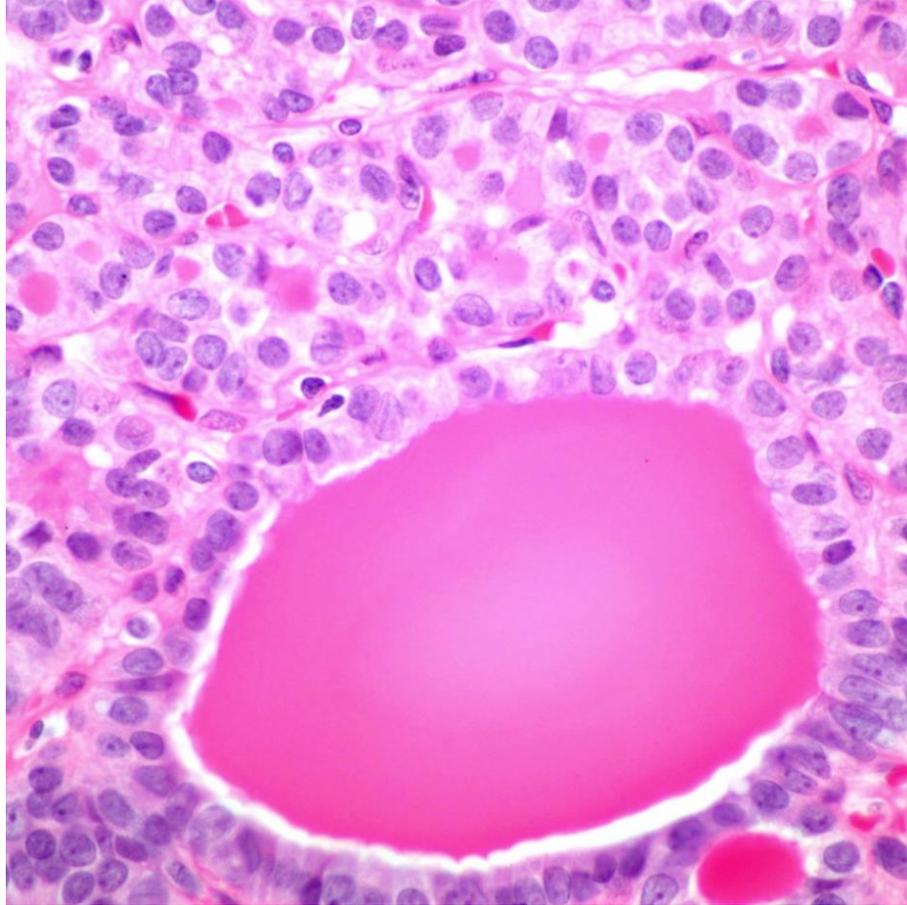


- The neoplasm was also positive for Pax 8 and Melan A, but was negative for Pancytokeratin.
- What is your diagnostic suspicion and what study would you like to do?

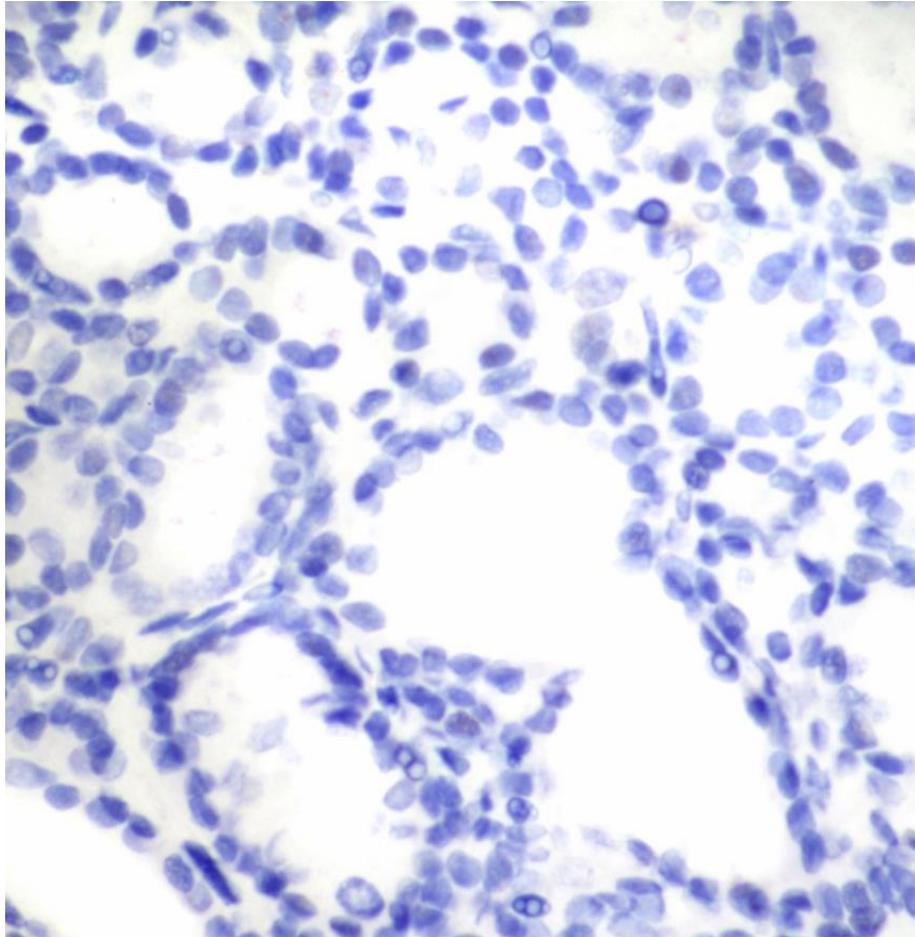
Case 4

- Thyroid lobectomy for a 3.8 cm solid well demarcated homogenous, hypoechoic mass, in a 34 year old female. Microscopically the lesion is well encapsulated. Pictures in the next two slides. What is your diagnosis?

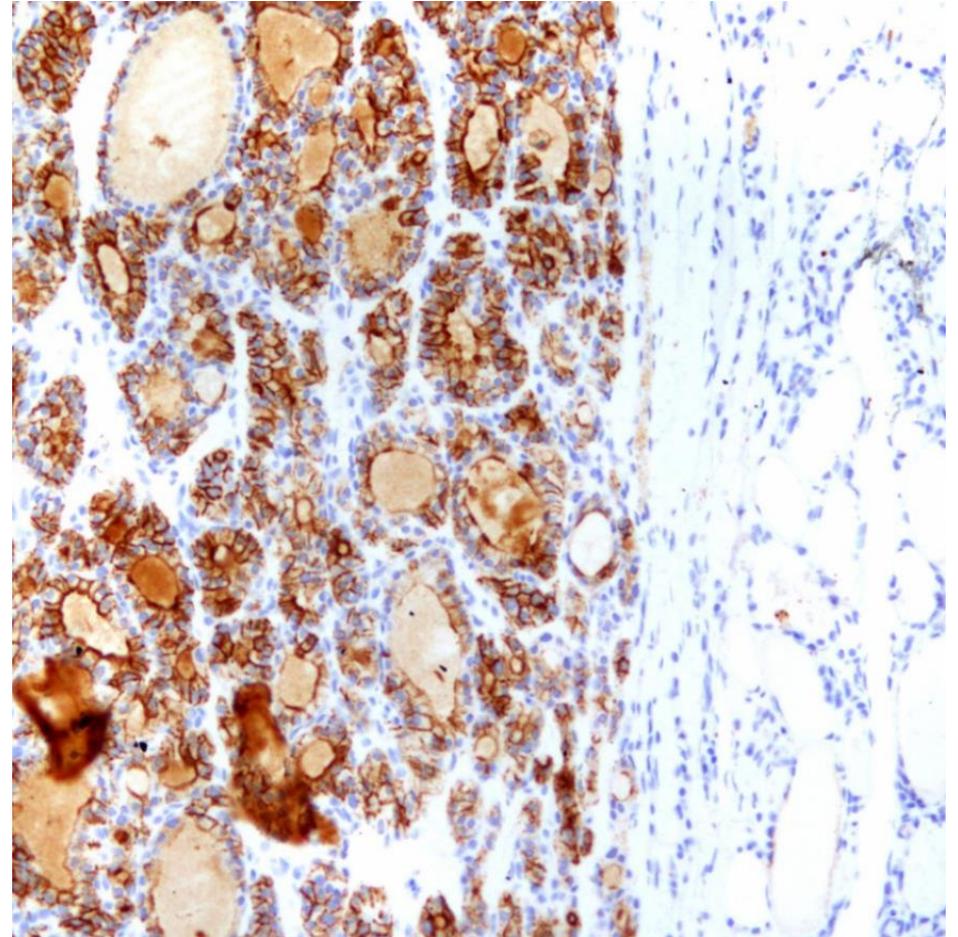




BRAF V600E

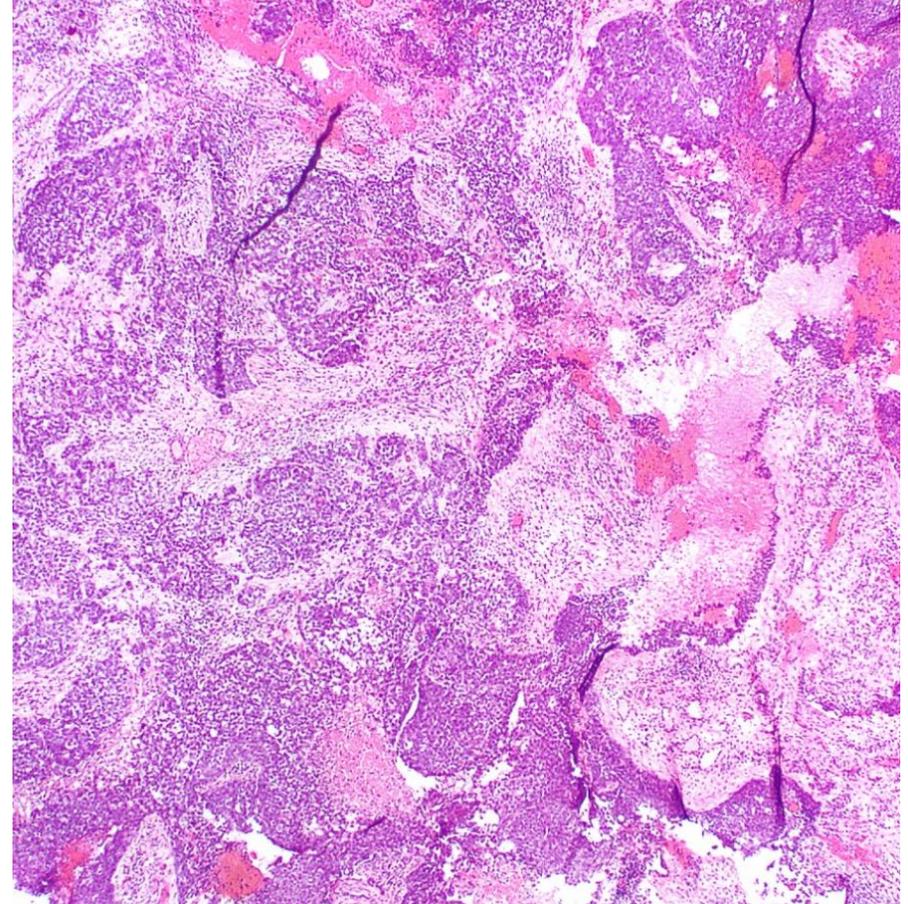


HBME-1

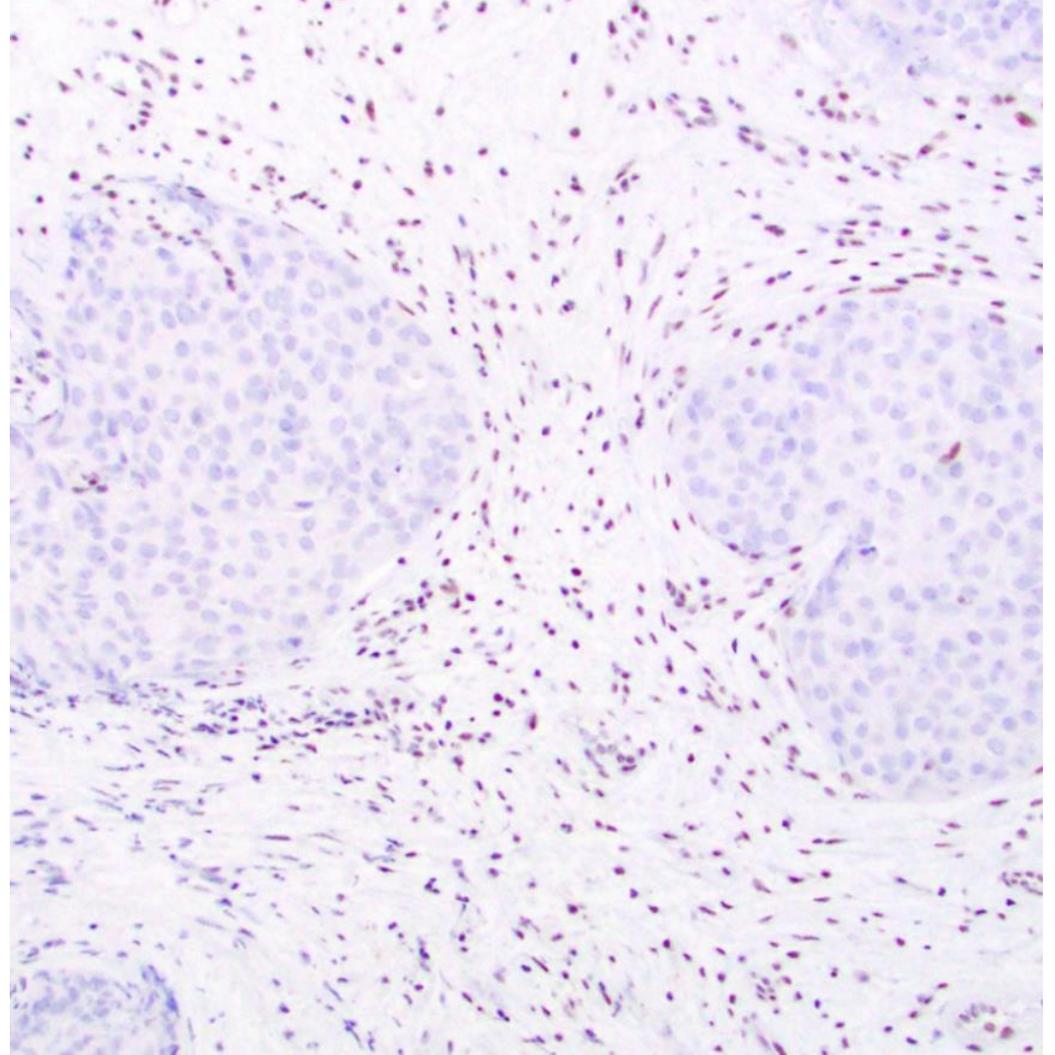
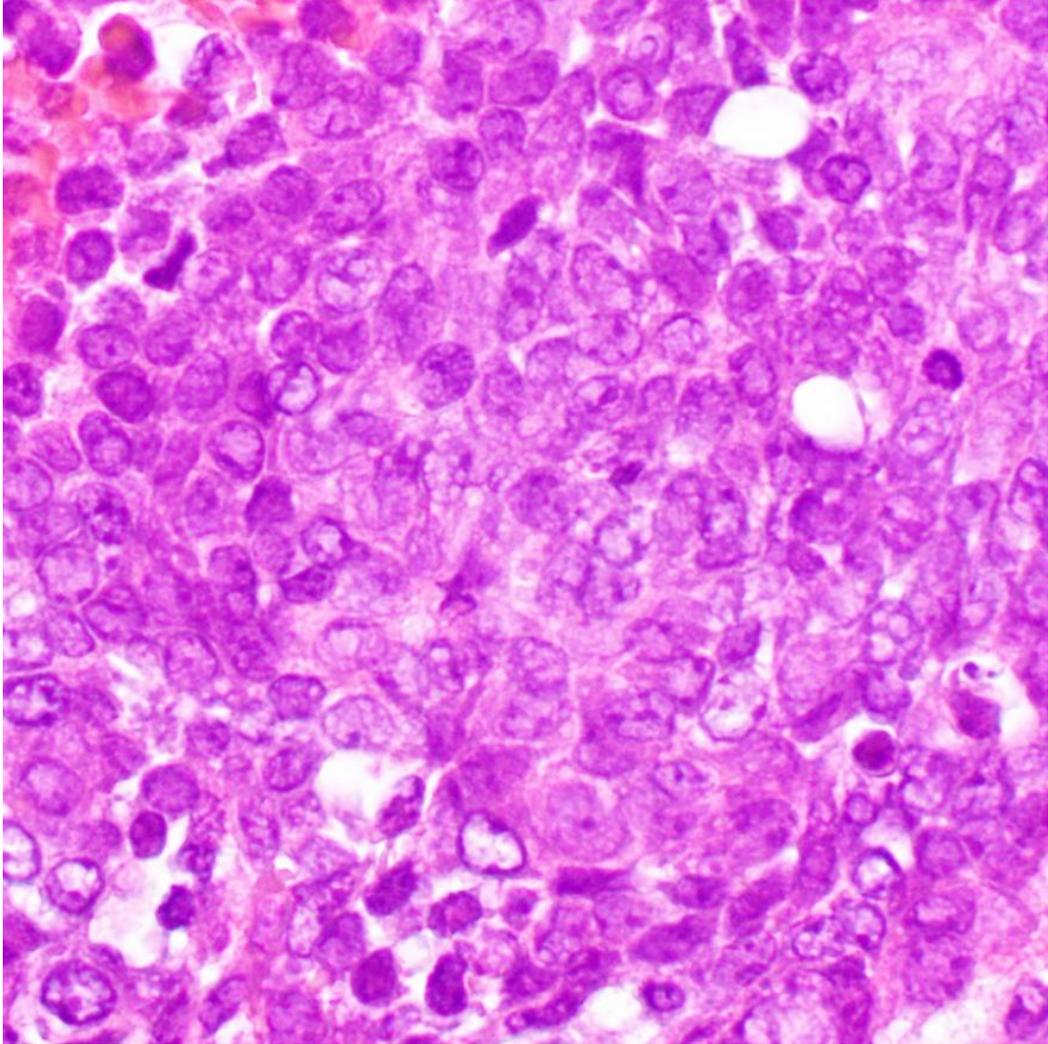


Case 5

- 47 year old male presenting with rapidly increasing mass lesion in naso-ethmoid region. What is your diagnosis?



INI1



The end