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Unusual adjuvant NSCLC case

Case summary

- ⦿ 67 year old male
- ⦿ PS 1, heavy smoker, no previous history, good pulmonary function
- ⦿ Presented to oncology clinic following right lower lobectomy and hilar/ mediastinal LN sampling for adenocarcinoma

Surgical comments and pathological findings

- ◉ Surgeon stated that bulky subcrinal LN could not be removed and was left in-situ
- ◉ Pathology report: 6cm adenocarcinoma, clear margins, 3/8 LNs positive from ipsilateral hilum and mediastinum, no adverse features otherwise; pT2bN2

Postoperative FDG PET

- ⦿ FDG avid subcrinal LN SUVmax 8
- ⦿ No other metastatic lesions

Adjuvant therapy plan

- ◉ Given patient age and fitness; it was decided to proceed with adjuvant CRT
- ◉ EBRT 50Gy in 25Fx to primary, 66Gy in 33 Fx to positive subcrinal LN
- ◉ CTx: Cisplatin, etoposide x 4 cycles

Questions

- ⦿ Do you agree with management plan?
- ⦿ Do you agree with radiotherapy dose to the primary tumour (50Gy) given that all margins were clear?