Locally Advanced Non-small cell lung cancer
Case Report
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Introduction

- Patient: 53 years old male
- Referred to the clinic with complaints: right-sided chest pain grade 2, fatigue grade 2.
- 17.09.13 chest CT revealed: suprahylar lesion in upper lobe of right lung sized 5.0X3.4 cm, which was in close contact with mediastinal and costal pleura, also revealed mediastinal lymphadenopathy
- Transthoracic biopsy was done
- Histology: Adenocarcinoma of lung Grade 3
- Abdominal CT without pathology
Patient was diagnosed as locally advanced NSCLC of the right lung cT3N1M0, IIIA stage.

Patient case was discussed by MDT, decision was made to start neo adjuvant chemotherapy

20.09.13-13.01.14 6 cycles of chemotherapy was performed with Cisplatin 75mg/m² d1, Etoposide 100mg/m² d1-3 every 21 days.
Baseline CT scan
CT after 6 Cycles of neoadjuvant Chemotherapy

- 21.01.14 chest CT revealed that sum of target lesions in comparison with nadir decreased by 14%. Radiologically patient had SD
Patient had a good performance status ECOG – 1

- MDT decided to perform surgery
- 21.02.14 surgery was performed: right sided lobectomy with mediastinal lymph node dissection.
- Histology: Adenocarcinoma Grade 3, ypT3pN0 R0, with involvement of visceral pleura. partial pathological response
Question to the audience

- What would be the best further treatment option for this patient?
- post op RT/ or Concomitant treatment with chemotherapy
- Chemotherapy
- Targeted therapy (TKI,)
- Active surveillance