

Here is the complete summary that you can copy and paste into a document:

---

## Comprehensive Diagnostic Summary

---

### Comparison and Progression:

#### Chest:

1. Lymph Nodes:
    - The left lower paratracheal lymph node remains stable in size (1.0 cm).
    - Other lymph nodes (e.g., supraclavicular, paratracheal, and subaortic) remain unchanged, measuring up to 0.7 cm.
  2. Lungs:
    - Post-surgery changes from lower left lung removal (LLL lobectomy) persist.
    - Stable nodules:
      - Right upper lung: 2 mm and 4 mm subsolid nodules, unchanged since previous scans.
      - Additional small nodules remain stable.
  3. Other Observations:
    - Minimal thickening in the pleura persists without any pleural effusion or pneumothorax.
    - The trachea and airways remain patent.
- 

#### Abdomen:

1. Adrenal Glands:
    - The left adrenal mass has decreased further to 4.3 x 5.0 x 6.1 cm (previously 5.4 x 5.6 x 7.3 cm on Sept 30, 2024). This suggests a partial response to treatment.
    - The right adrenal gland continues to show nodular thickening but no significant changes.
  2. Liver and Gallbladder:
    - The previously seen tiny lesion in the left hepatic lobe is no longer visible.
    - Gallbladder remains partially distended, with no significant changes in adenomyomatosis.
  3. Lymph Nodes:
    - The precaval lymph node has shrunk further to 0.3 cm (previously 0.6 x 0.9 cm on Sept 30, 2024), consistent with a treatment response.
    - No new enlarged lymph nodes are observed.
  4. Kidneys and GI Tract:
    - Stable cysts in the kidneys and reduced perinephric inflammation on the left side.
    - No significant abnormalities in the stomach or intestines, aside from non-inflammatory diverticula in the sigmoid colon.
- 

#### Bones:

1. Spine:
    - Compression fracture in the T12 vertebral body remains unchanged.
  2. Right Femoral Head:
    - A new serpiginous sclerotic lesion with collapse of the right femoral head suggests avascular necrosis (or possibly bone metastasis).
  3. General Bone Health:
    - No new worrisome lesions.
-

## Impression:

1. Chest:
    - Stable post-lobectomy condition.
    - Small nodules in the right lung remain indeterminate but stable.
    - No significant changes in lymph nodes.
  2. Abdomen:
    - Positive treatment response in the left adrenal metastasis (reduced size).
    - Further reduction in size of precaval lymph node.
    - No visible hepatic lesion suggests resolution.
  3. Bones:
    - Unchanged T12 fracture.
    - New findings in the right femoral head suggest avascular necrosis or metastasis.
- 

## Conclusion and Recommendations:

- Treatment Response: Evidence of partial response to chemotherapy in adrenal and lymph node metastases.
- Lung Nodules: Continued stability of lung nodules indicates no progression.
- Bone Health: Avascular necrosis in the right femoral head should be closely monitored for pain and mobility issues. If metastasis is suspected, further imaging (e.g., MRI) might be warranted.
- Follow-Up: Regular imaging is advised to monitor stability or progression of nodules, adrenal masses, and bone lesions.