DR SANGEETA VAHNALINGAM

METASTATIC RENAL CELL CARCINOMA
DISCLOSURE OF INTEREST

- Clinical Oncology Department, PPUM
Mr. TKS
35 years old / male
No underlying co-morbids

Presented in 2014 with hematuria
Diagnosed with Left Renal Cell Carcinoma (papillary Type II)
Underwent Left Partial Nephrectomy in October 2014

January 2016,
-presented with subcutaneous nodule and left renal mass
-CT TAP: large lobulated heterogenous enhancing mass inferior to lower pole of left kidney (2.9 x 3.5 x 6.5cm)

Underwent surgical resection of local recurrence and chest wall deposit in January 2016
HPE: metastatic papillary renal cell carcinoma
March 2016,
PET-CT: FDG avid tumor posterior to remnant left kidney with infiltration to adjacent muscles

May 2016,
CT TAP: new nodule medial to lower pole left kidney (1.0 x 1.0cm)
  worsening subcutaneous, muscular and peritoneal nodules
  increase size of left para-aortic lesion

Clinically, multiple subcutaneous nodules near the scar over the posterior abdominal wall

Underwent Percutaneous Ethanol Instillation of Subcutaneous Nodules
Clinically, subcutaneous nodules over the scar flattened

June 2016,
MRI: enhancing mass at upper pole left kidney (3.4 x 5.5 x 4.3cm)

Underwent another ablation therapy in July 2016
Clinically, flattened subcutaneous firm lesion
PET-CT (October 2016): worsening left renal bed tumor
   2 new liver nodules

CT TAP (November 2016): recurrent left renal carcinoma with local infiltration, nodal and liver metastasis
Started on T.Sunitinib 50mg OD (2weeks on, 1 week off)

CT Brain / TAP (January 2017)
- enlarging cystic lesion anterior to left kidney (8.7cm)
- worsening liver metastasis
- no evidence of brain metastasis

In view of disease progression, changed to T.Everolimus10mg OD

CT TAP (March 2017): progressive disease in left renal area & liver

April 2017, left loin pain worsening
Had radiotherapy to left renal bed 20Gy/5#
May 2017,
Underwent insertion of Ytrium90

June 2017,
Underwent percutaneous ethanol injection of abdominal and inguinal vessels

July 2017,
Underwent embolization of hepatic artery

CT TAP (August 2017)
- larger primary tumor, nodal, peritoneal, abdominal wall and liver metastasis
- new lung nodules

Patient passed on in September 2017 at home.
ESMO Preceptorship Programme