

# Clinical cases

## Interim-PET workshop 2011 Menton

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## Male, born 1982

### Complaints

- Painful left knee since 6 months
- Fatigue, weight loss and anorexia since 3 months

### Physical examination

- Swollen left knee/tibia with palpable mass Ø 10 cm
- Lymph node left inguinal region

Department of Orthopedic Surgery:

D/ osteomyelitis left tibia plateau

## Male, born 1982

### Lab results:

- BSE > 100 mm
- CRP 160
- Hb 6.8 mmol/l
- WBC  $12.5 \times 10^9/l$
- Platelets  $140 \times 10^9/l$
  
- Kreatinin 68 U/l
- LDH 205 U/l



## Male, born 1982

R/ antibiotics

- No change

Surgery: histology/ tissue cultures

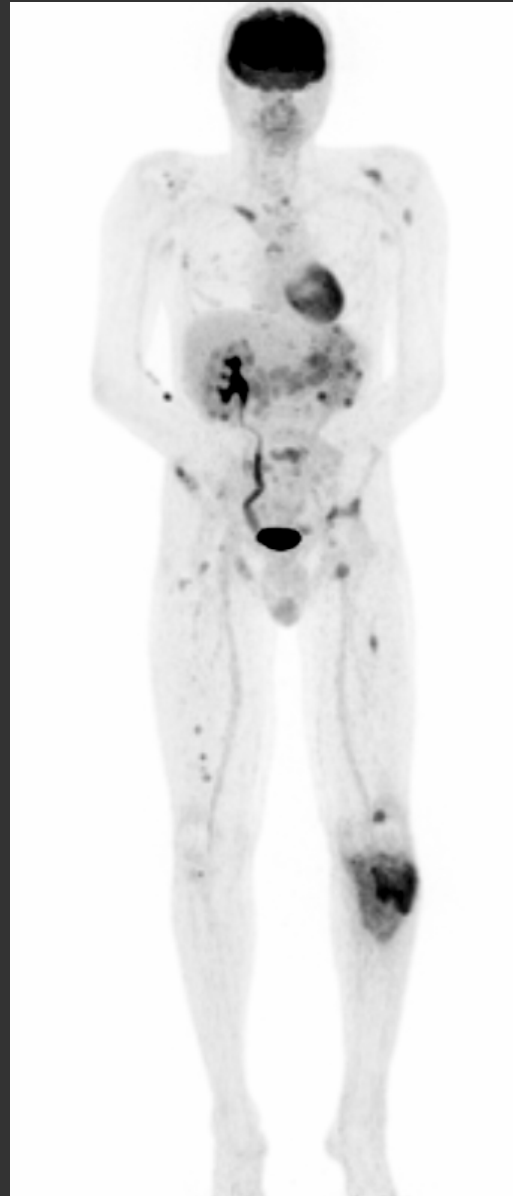
- Pathology: diffuse large B-cell lymphoma



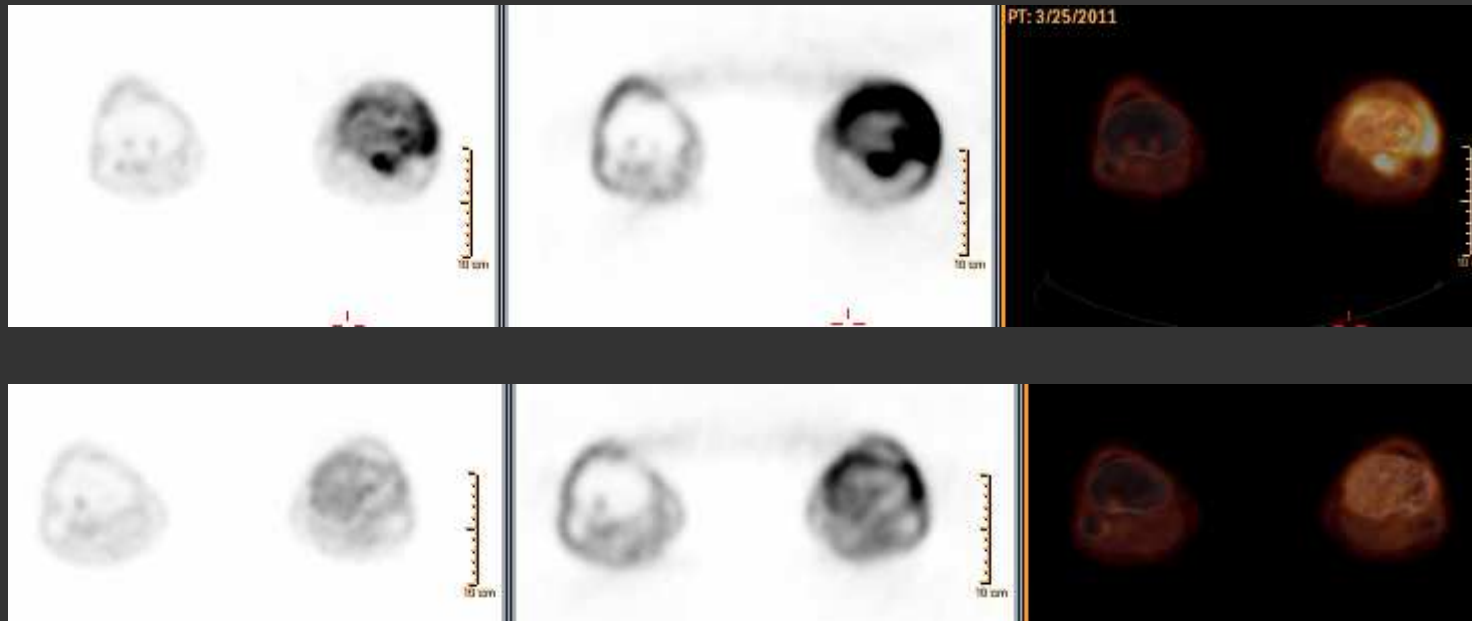
**Male, 1982**

- PET-CT Imaging

**DLBCL stage IVB**



**Male, 1982**



**PET-CT PRETREATMENT**

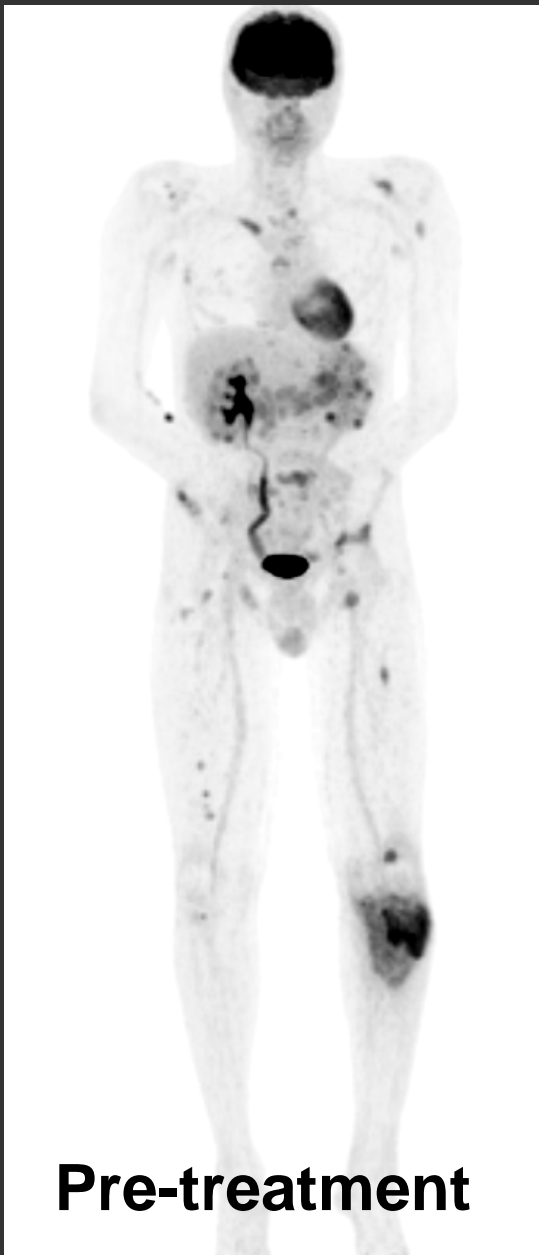


# Male, 1982

Treatment R-CHOP14

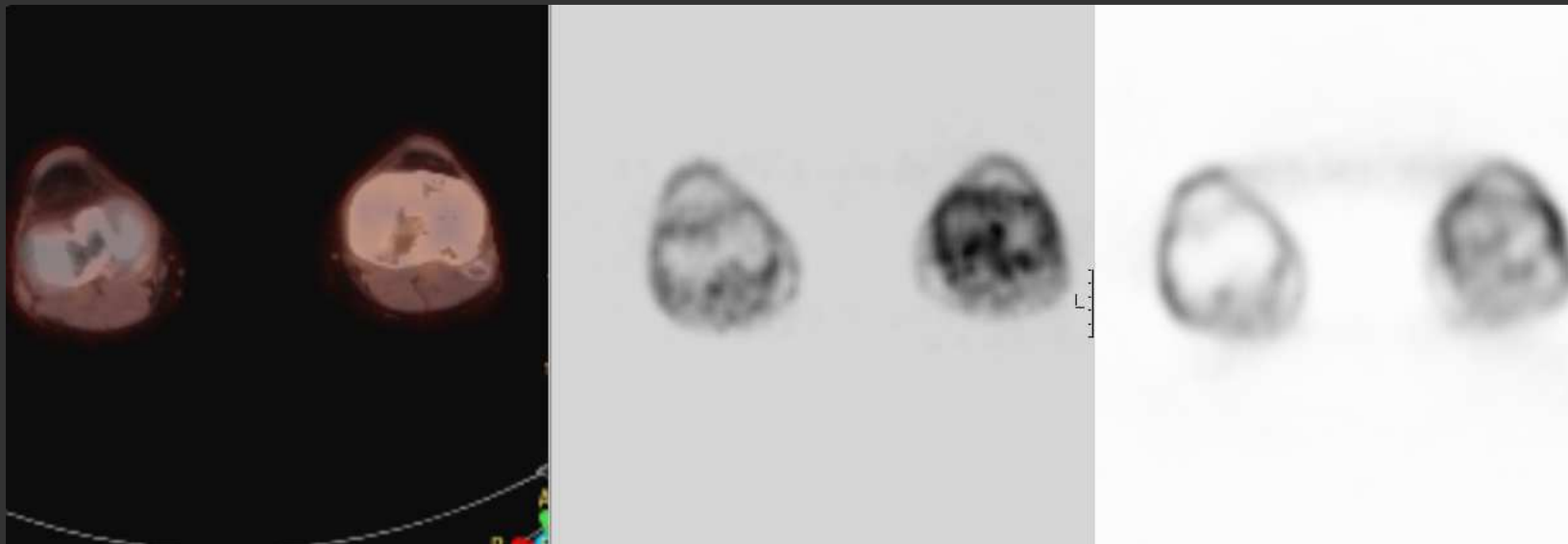
- 8 cycles
- Interim-PET after 4 cycles







# Male, 1982, interim-PET



# Interim-PET

How to assess bone lesions ?

- Should it become negative ?
- Or due to macrophage/ monocyte activity slightly positive ?

End-of-treatment PET:

