

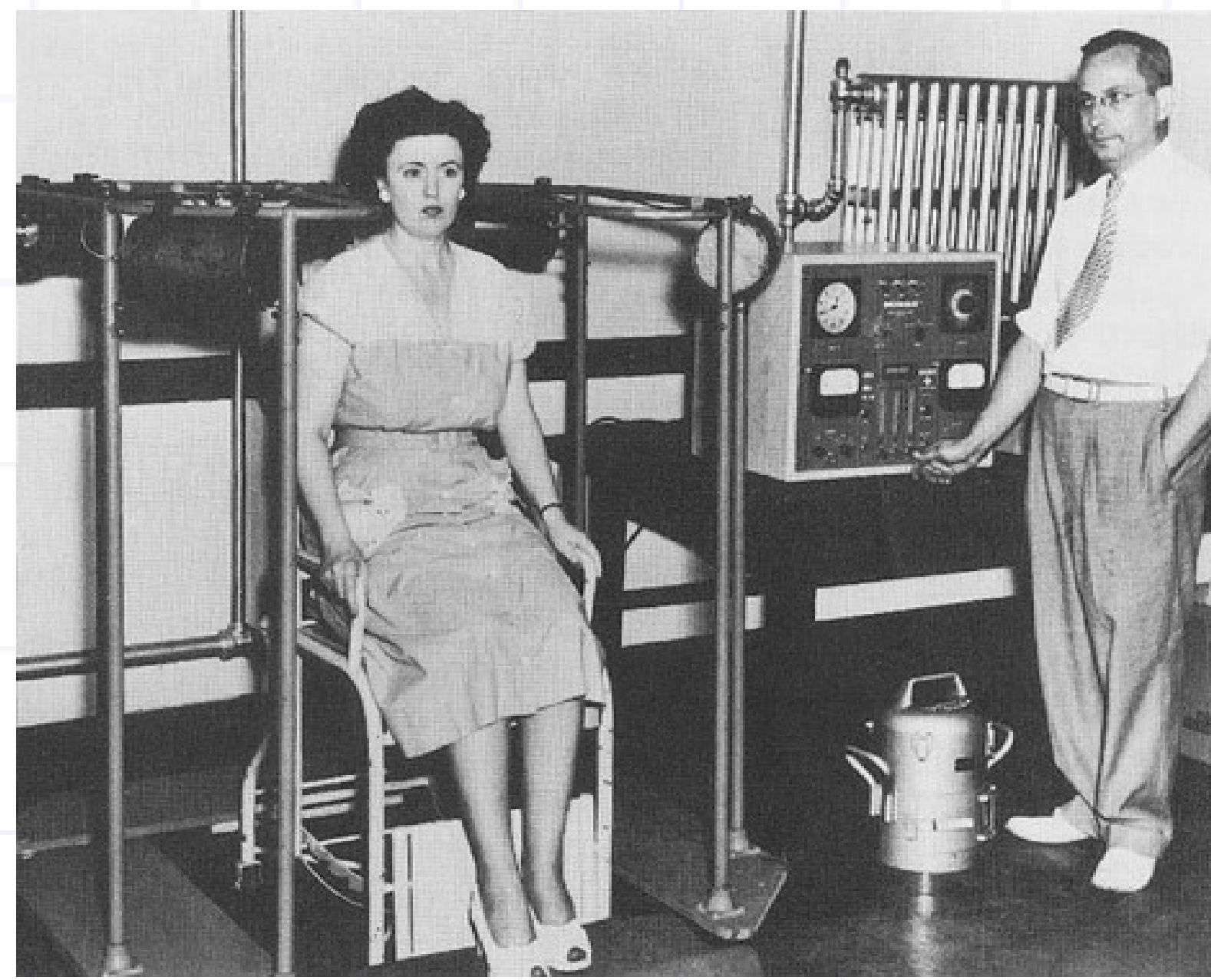
# WORLD THERAGNOSTICS DAY 31 MARCH

**Theragnostics = Diagnostics & Therapy**  
"we treat what we see"

## RAI Therapy

March 31  
First patient  
treated by Dr. Saul  
Hertz for  
**Thyroid Cancer**

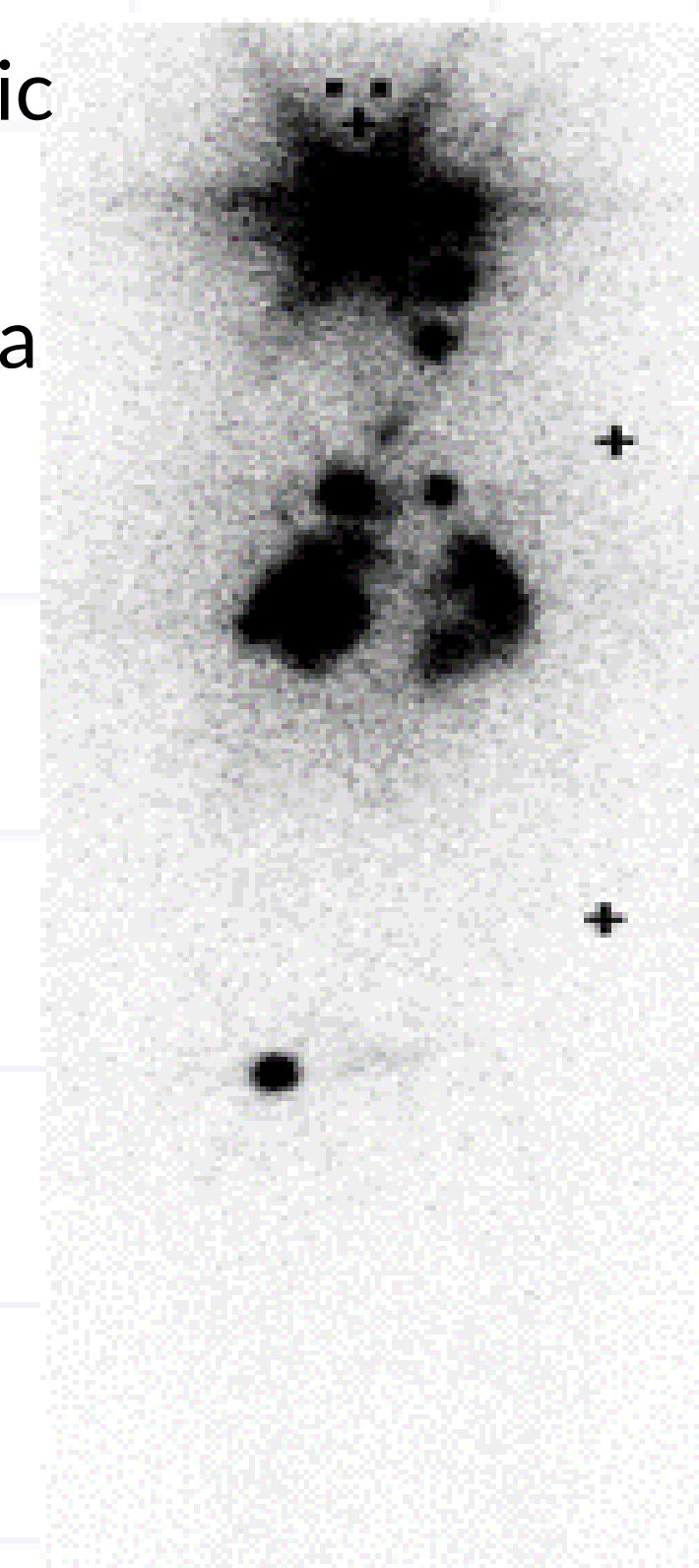
19  
41



Dr. Saul Hertz with assistant demonstrating Multi-Scaler image courtesy of the Hertz family

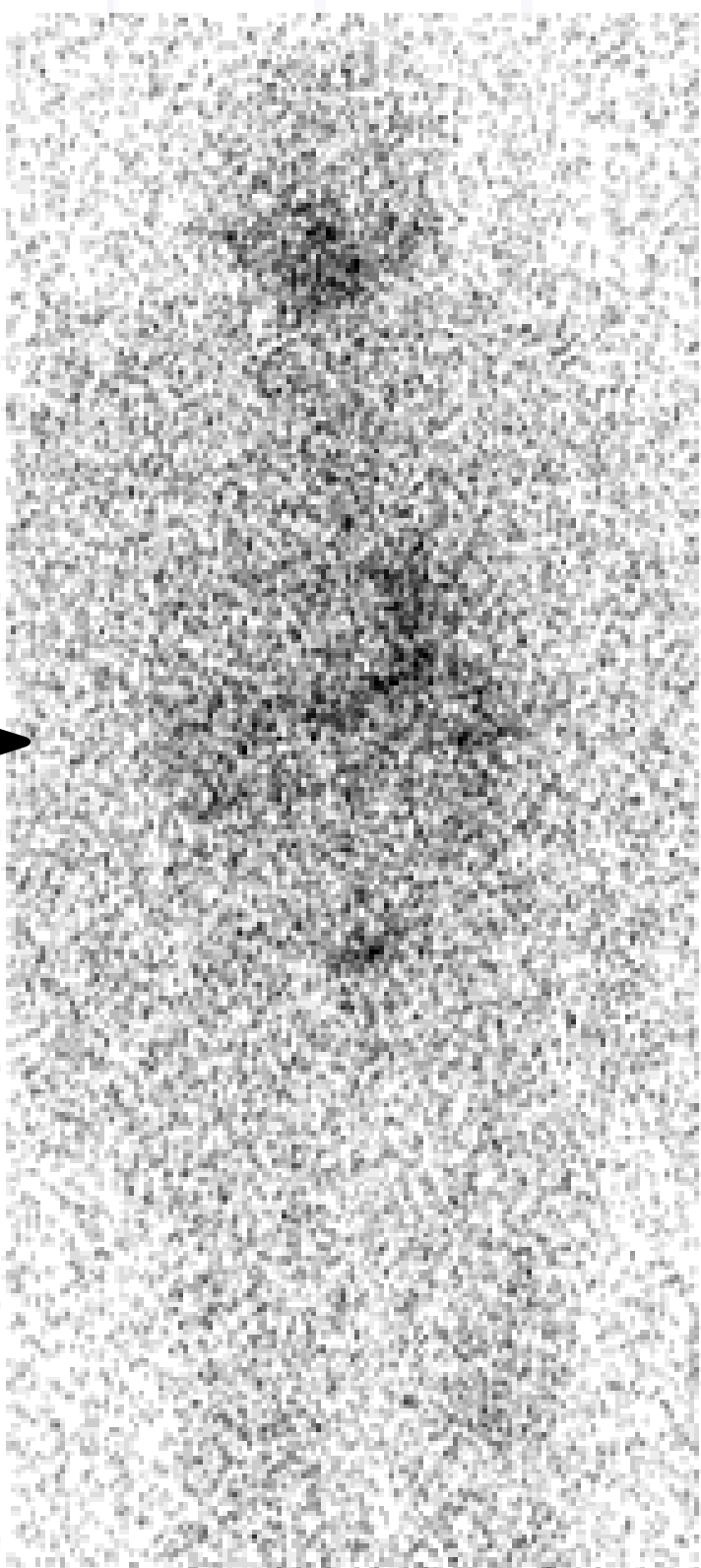
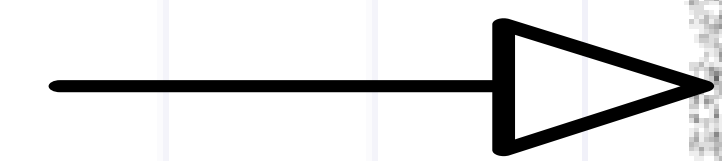
**Further Readings:**  
WARMTH position statement on the initial radioiodine therapy for differentiated thyroid carcinoma [pubmed.ncbi.nlm.nih.gov/31040741/](https://pubmed.ncbi.nlm.nih.gov/31040741/)

Metastatic  
Papillary  
thyroid  
carcinoma



Thyroglobulin  
6540 ng/mL

3 cycles of RAI  
therapy (150mCi,  
150mCi &  
100mCi) followed  
by ongoing  
remission



Thyroglobulin  
0.39 ng/mL

Images courtesy of A. Siswoyo, Universitas Indonesia

## PRRT for NETS

First in human use  
of PRRT to treat  
Neuroendocrine  
Tumors

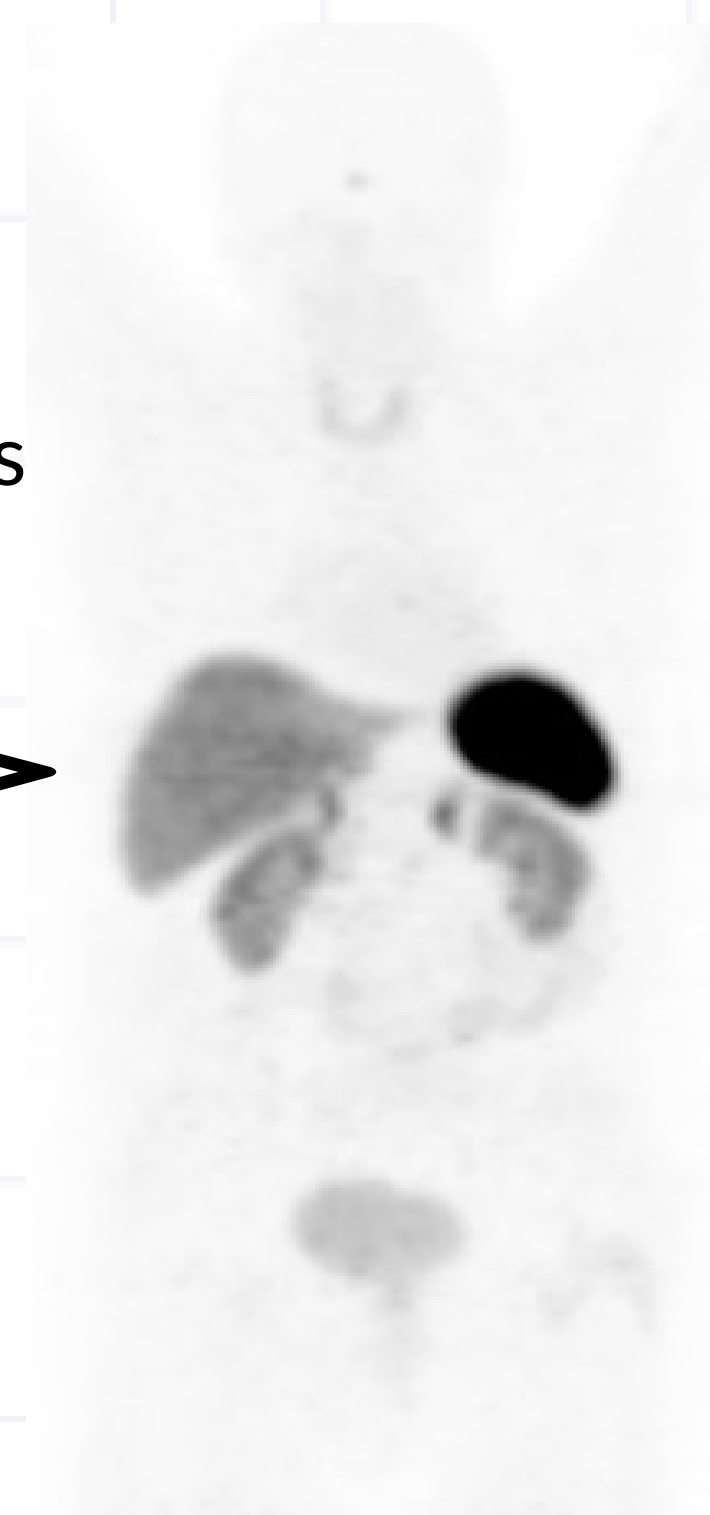
19  
94



Well-  
differentiated,  
non-functioning  
neuroendocrine  
neoplasm of the  
rectum



Persistent  
remission of  
multiple liver  
metastases 3 years  
after 3 PRRT  
cycles



**Further Readings:**  
NETTER-1 trial  
[nejm.org/doi/full/10.1056/NEJMoa1607427](https://nejm.org/doi/full/10.1056/NEJMoa1607427)

Registration Status:  
Approved in US, UK and EU

Images courtesy of  
Zentralklinik Bad Berka  
Germany

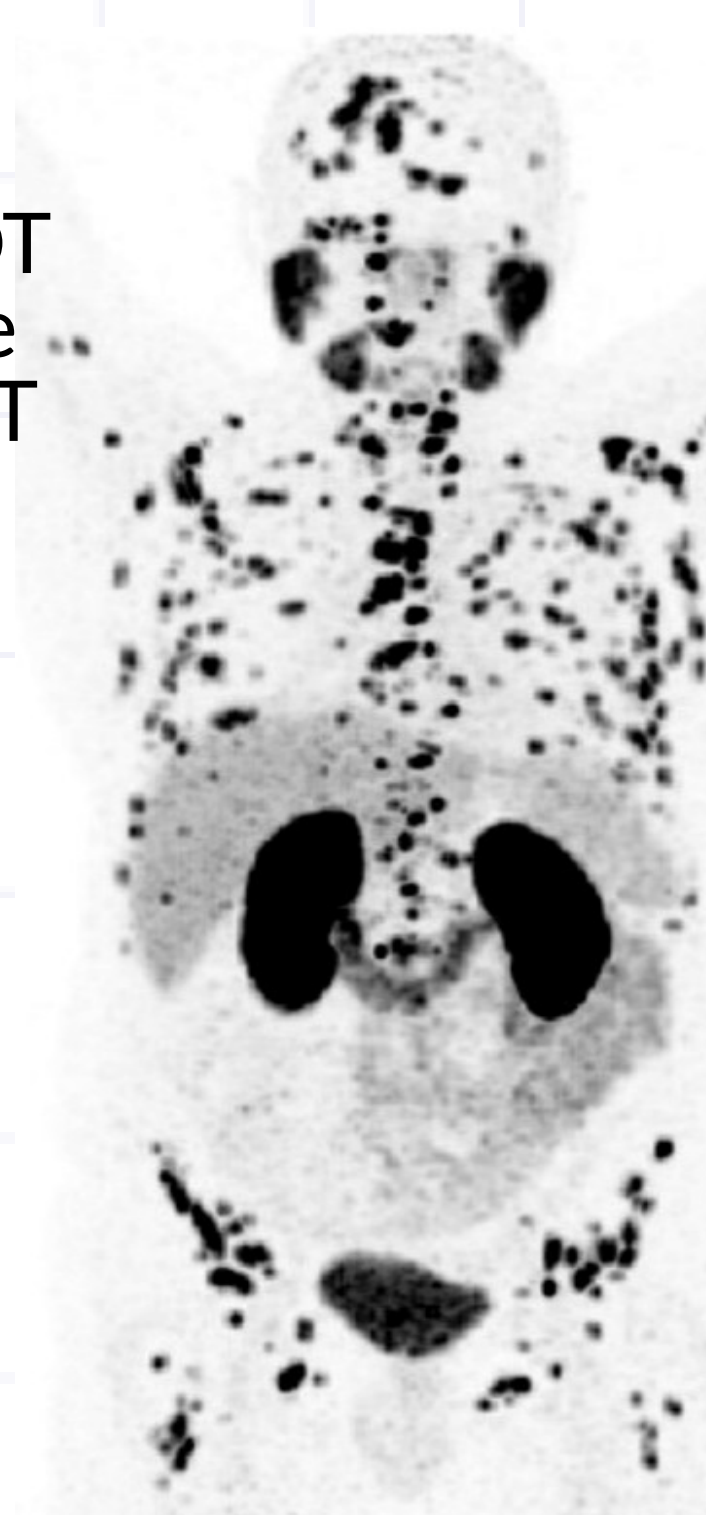
## PSMA

Reporting of  
VISION Trial for  
Lu177 - PSMA617 for  
Metastatic  
Prostate cancer

20  
21

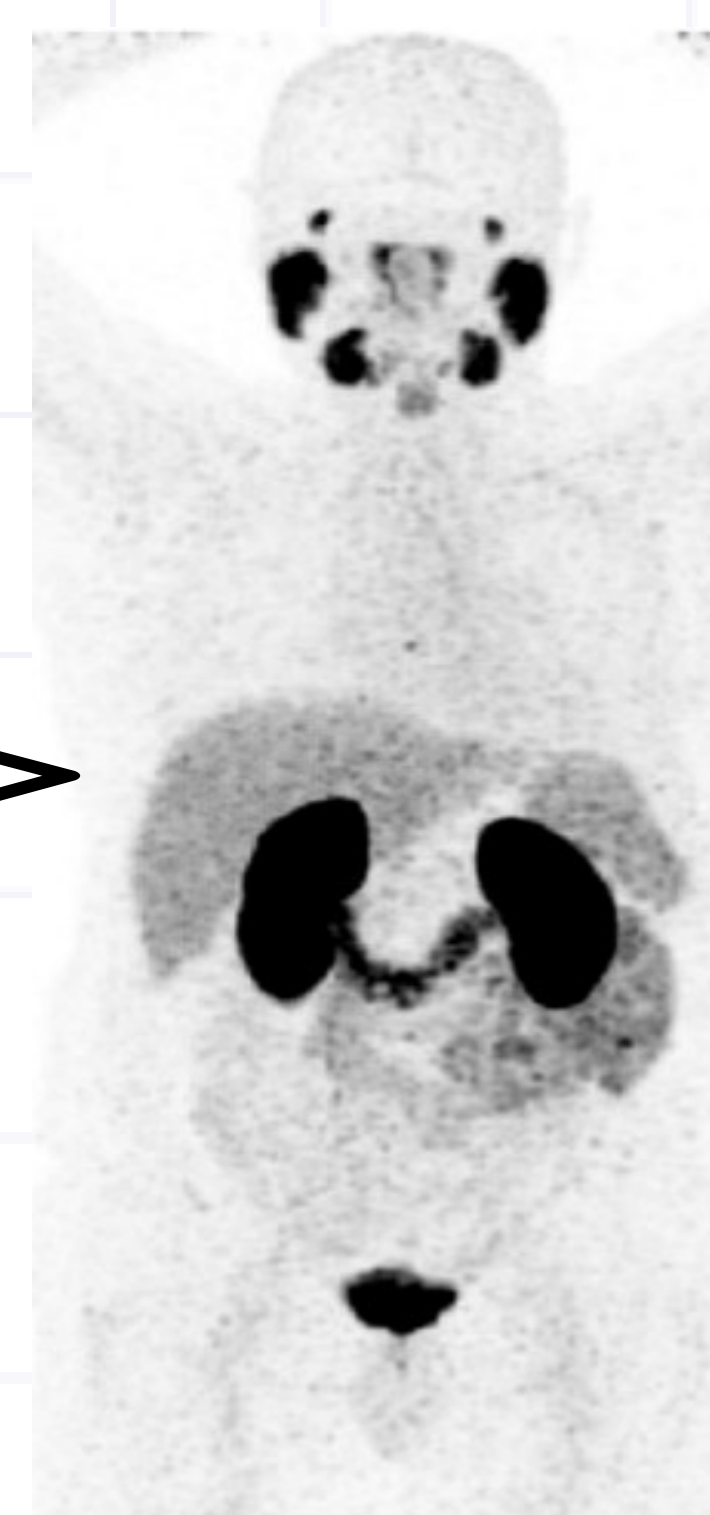


Progressive  
Disease on ADT  
+ Abiraterone  
and after EBRT



PSA 45 ng/ml

Treated with  
2 cycles of  
Lu-177 PRLT



PSA 0.0 ng/ml

**Further Readings:**  
VISION - Phase III trial  
[clinicaltrials.gov/ct2/show/NCT03511664](https://clinicaltrials.gov/ct2/show/NCT03511664)

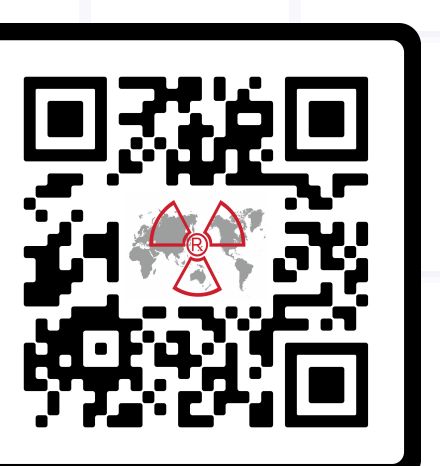
ThearaP trial  
[thelancet.com/journals/lancet/article/PIIS0140-6736\(21\)00237-3/fulltext](https://thelancet.com/journals/lancet/article/PIIS0140-6736(21)00237-3/fulltext)

Registration Status:  
Awaiting approvals

Images courtesy of  
Zentralklinik Bad Berka  
Germany



Learn more [WARMTH.ORG/WTD](https://WARMTH.ORG/WTD)



SCAN ME