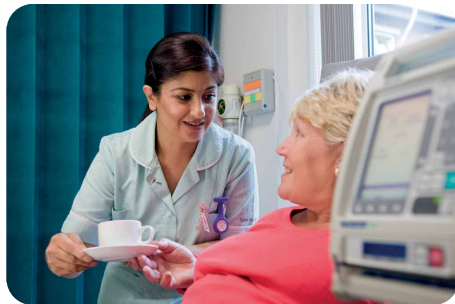


Cancer Patients, *can they wait?*

Dr. Sunil Skaria
Consultant Oncologist

MRCP(UK), MRCP(Ireland), FRCR, ESMO, MSc(Healthcare leadership)
Clinical Lead, Oncology, Spire Specialist Centre
Consultant Clinical Oncologist, Mid Essex Hospital Services NHS Trust.
Honorary Consultant Oncologist, Colchester Hospital University NHS
Foundation Trust

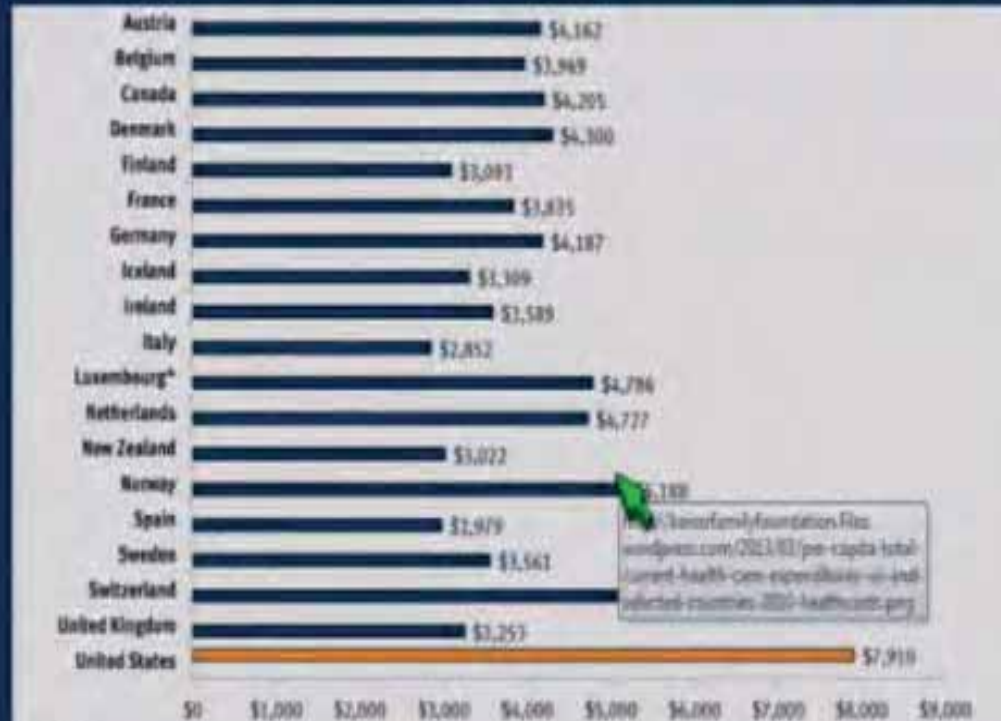


Looking after you.



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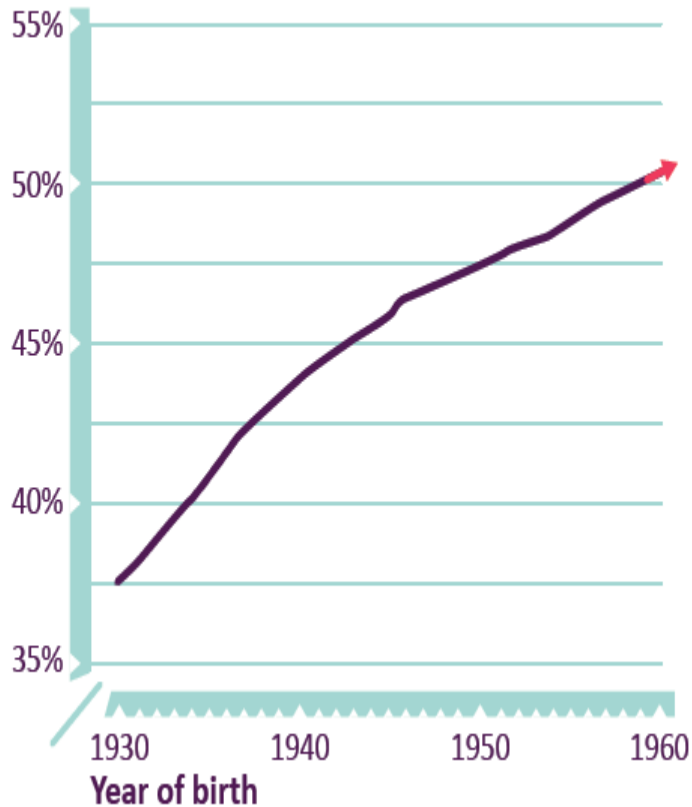
Total Health Expenditure per Capita, US and Selected Countries, 2010



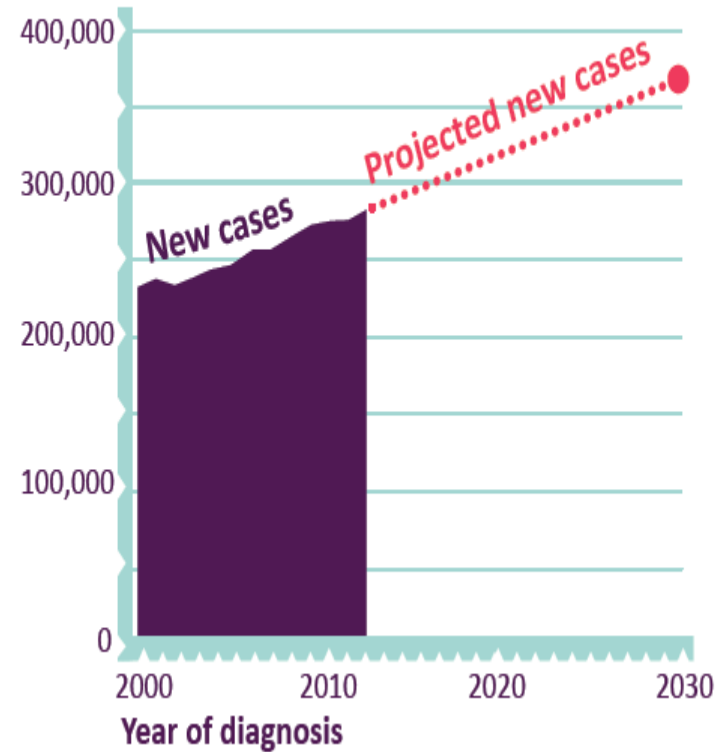
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Current Landscape of Cancer

Lifetime risk of cancer



New cancer patients diagnosed





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Can they wait? Waiting targets

- For initial diagnosis?
- For treatment?
- For suspected recurrence or metastases?
- For treatment related complications?

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Rising burden of cancer

- Cancer services cost 6.7 billion /year 2012-13 (National audit office)
- Projected cost for 2020 - 13 billion
- Early diagnosis may allow at least 11000 patients per year surviving cancer by 2020



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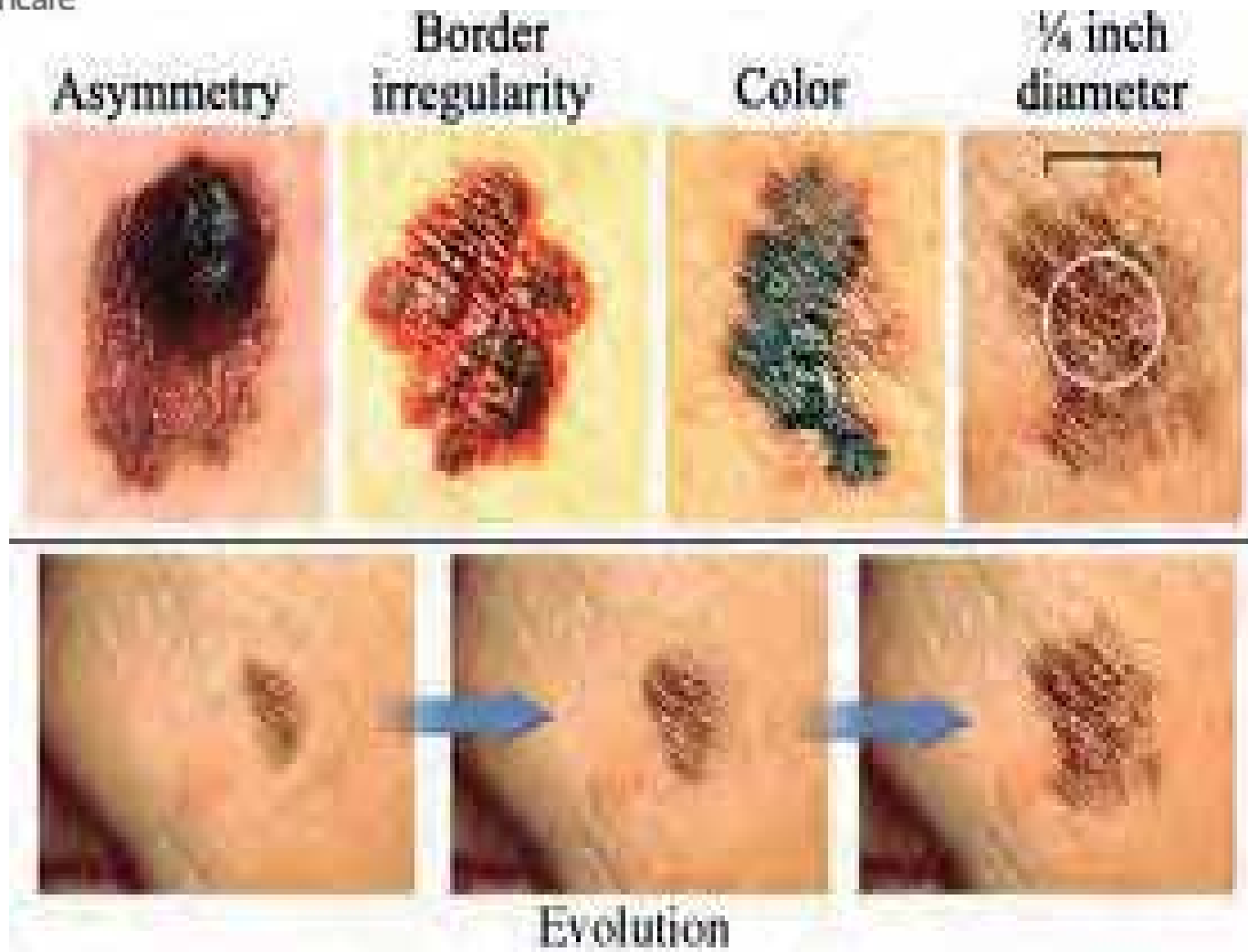
Why can not they wait?

- Performance status and quality of life
- Exponential growth (cancer recovery secrets)
- Survival outcome
- Better treatment options

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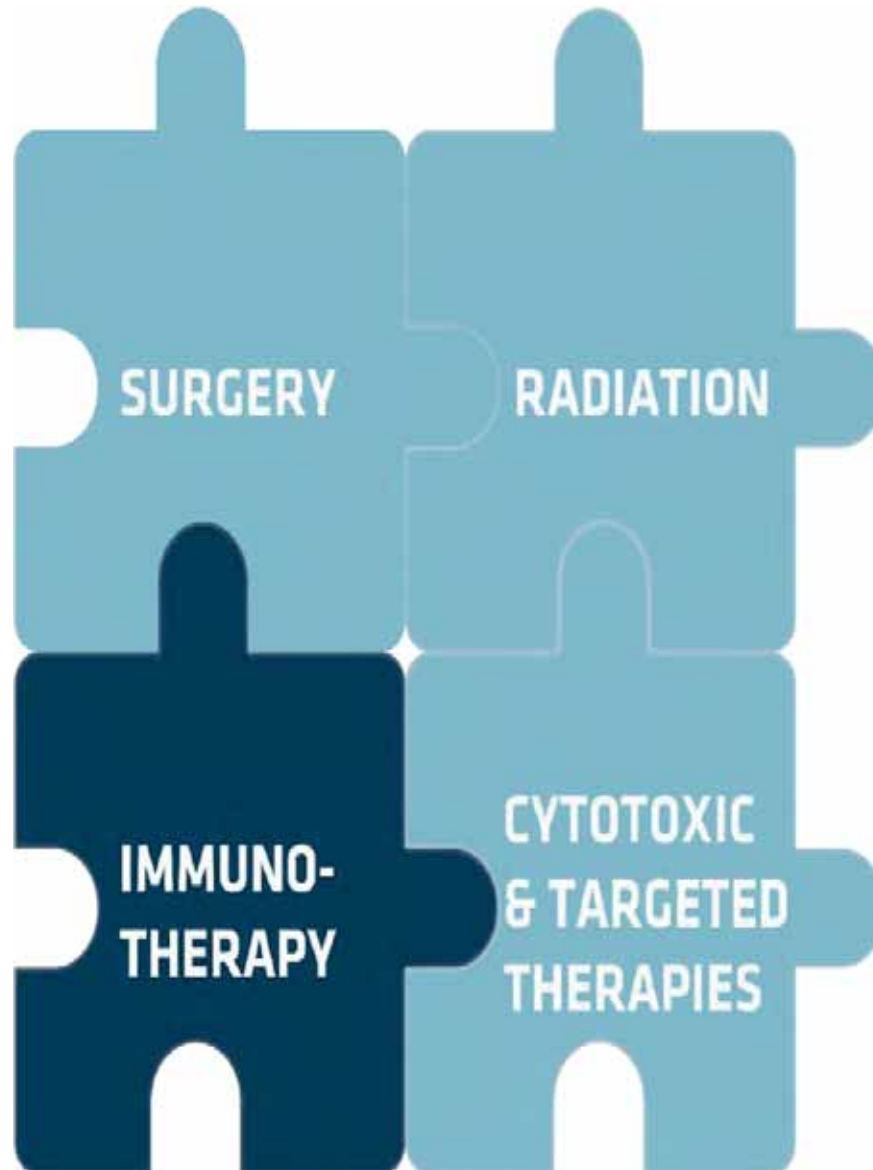
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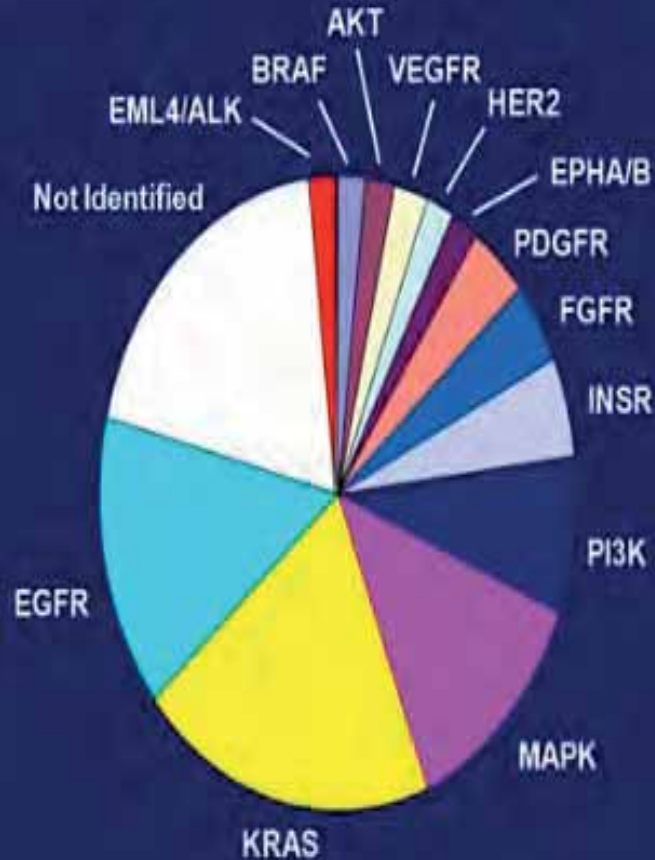


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Somatic Mutations in Lung Adenocarcinoma N=188 Tumors and 623 Genes



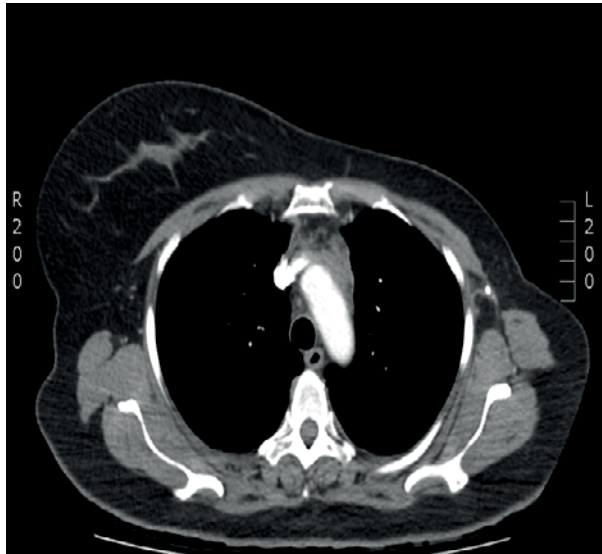
Modified from L. Ding et al. *Nature* 455, 1069-1075 (2008)

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Pertuzumab/Herceptin/Doc etaxel



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Immune related Adverse Events

Endocrine-
Thyroid,
Adrenal,
pituitary

Gastro- Colitis

Neurological-
neuropathy,
Myaesthesia,
Guillain Barre

Renal-Nephritis,
acute renal
failure

Skin- rash,
Steven
Johnsons, TEN

Pulmonary-
Pneumonitis

Cardiology -
Myocarditis,
pericarditis

Hypersensitivity

Hepatitis

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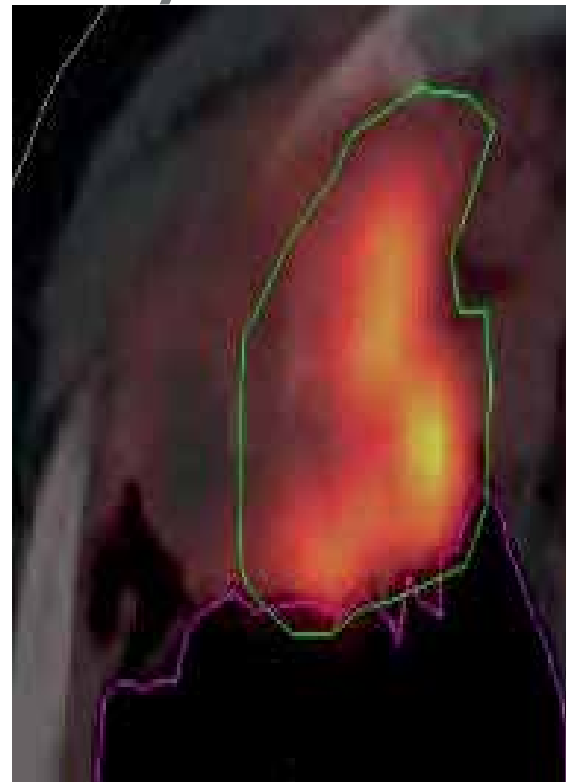
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PET/CT Fusion

CT based GTV



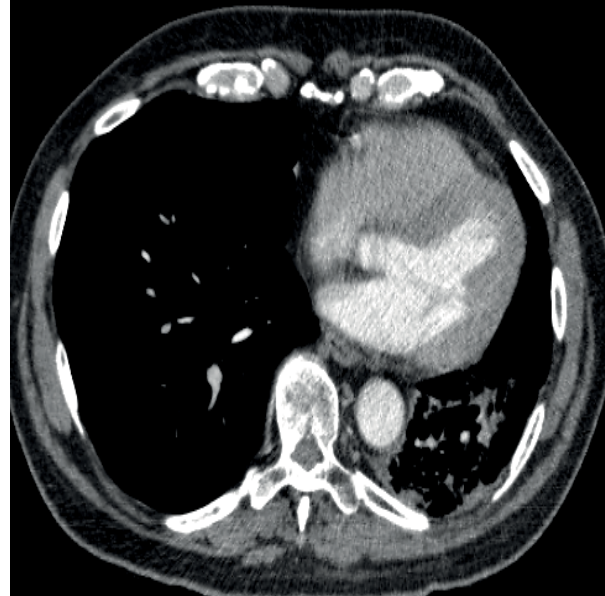
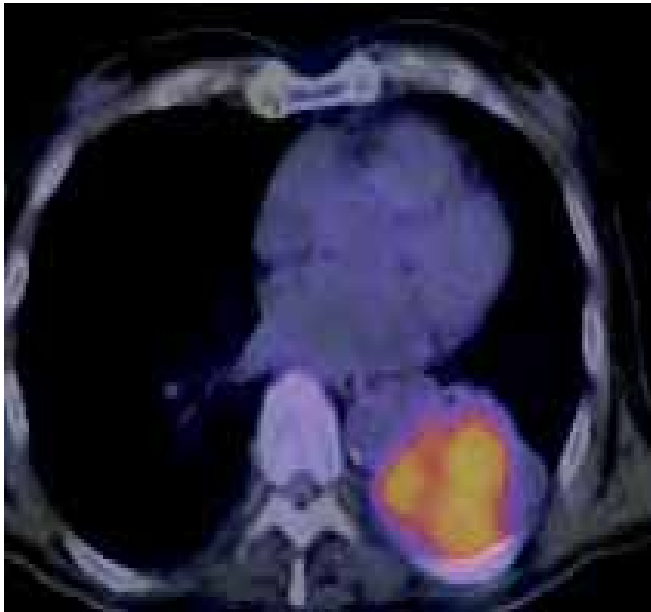
PET/CT based GTV



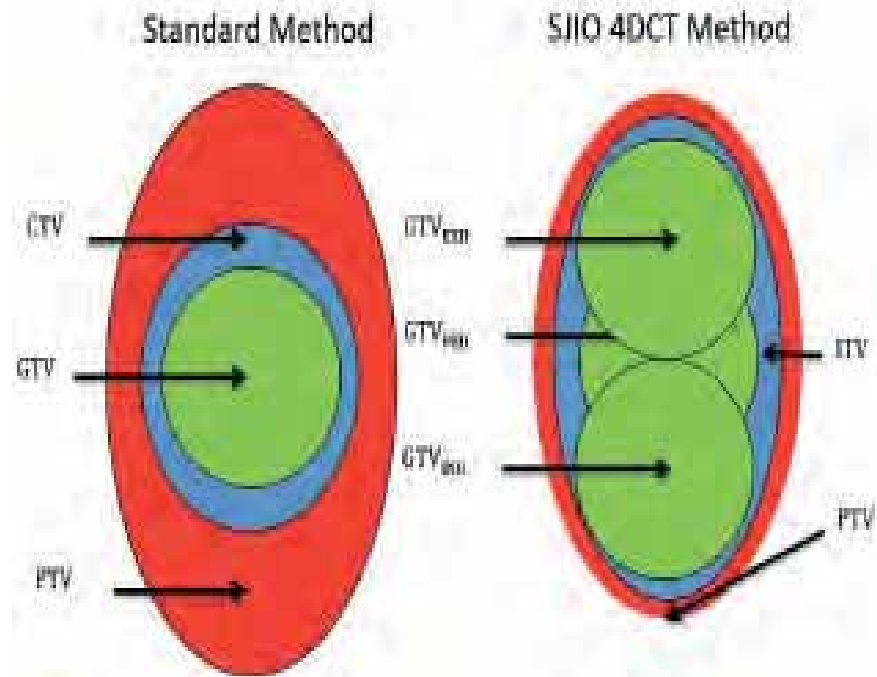
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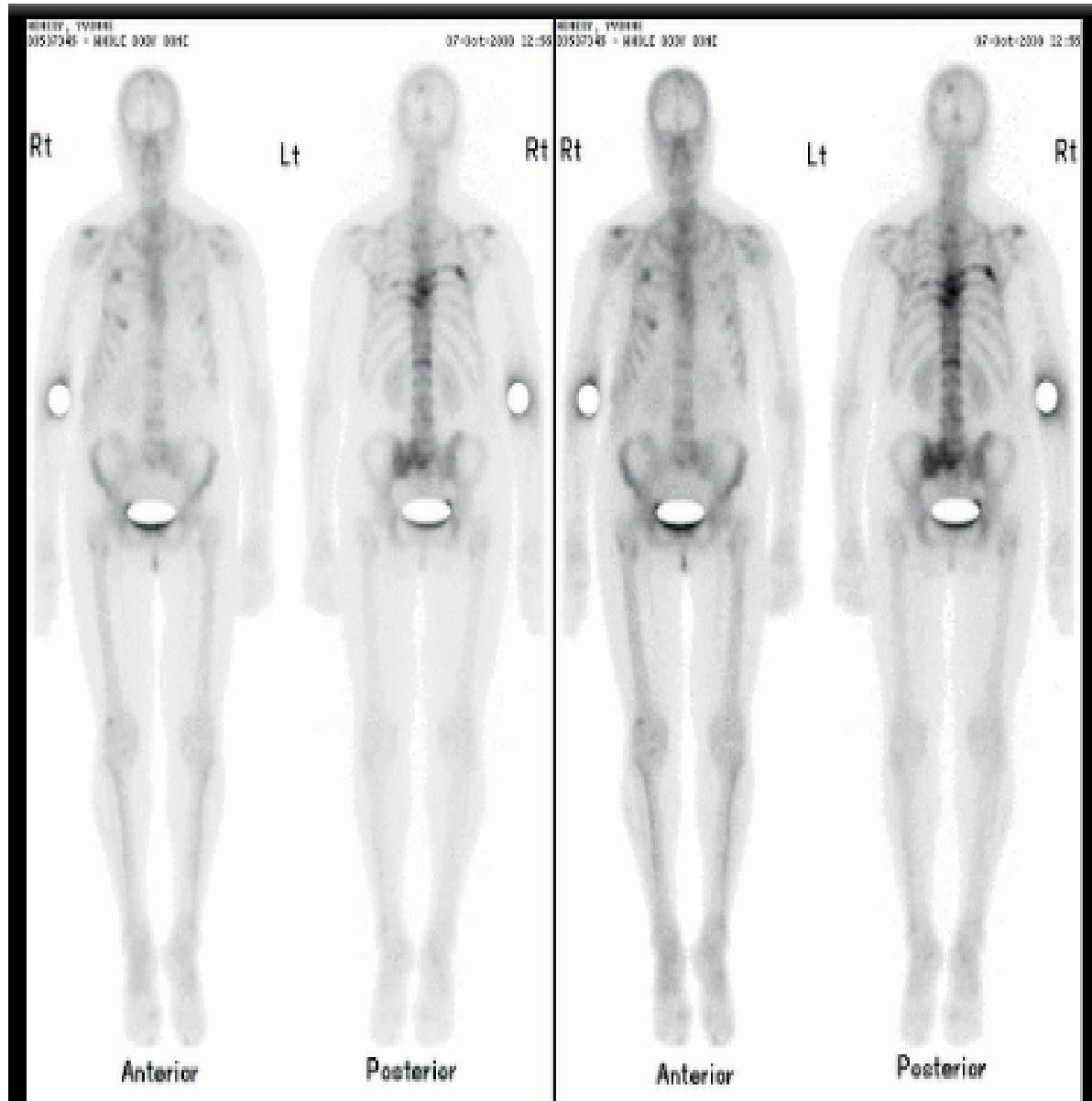


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Tumour markers

- CEA
- PSA
- AFP, HCG, LDH
- CA19.9
- CA15.3

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6 basic human psychological needs*

- Love / Connection
- Value / significance
- Clarity/ certainty
- Variety
- Growth
- Contribution

*Ref- Executive Decisions Dr. Sunil Skaria

Looking after you.



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Thank you



Looking after you.