



MEDICINA NUCLEAR

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DEFINICION

“ Especialidad médica que emplea radionúclidos, incorporándolos o relacionándolos, in vivo o in vitro, con alguna función orgánica con fines diagnósticos, terapéuticos o de investigación ”

MEDICINA NUCLEAR

DEFINICION

“ Especialidad médica que versa sobre el uso de los radionúclidos con fines diagnósticos, terapéuticos o de investigación ”

Am Board Nucl Med

J. Nucl Med, 16:691, Julio 1975

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CAMPOS DE ACCION:

- ✓ Preventivo
- ✓ Diagnóstico
- ✓ Tratamiento
- ✓ Investigación

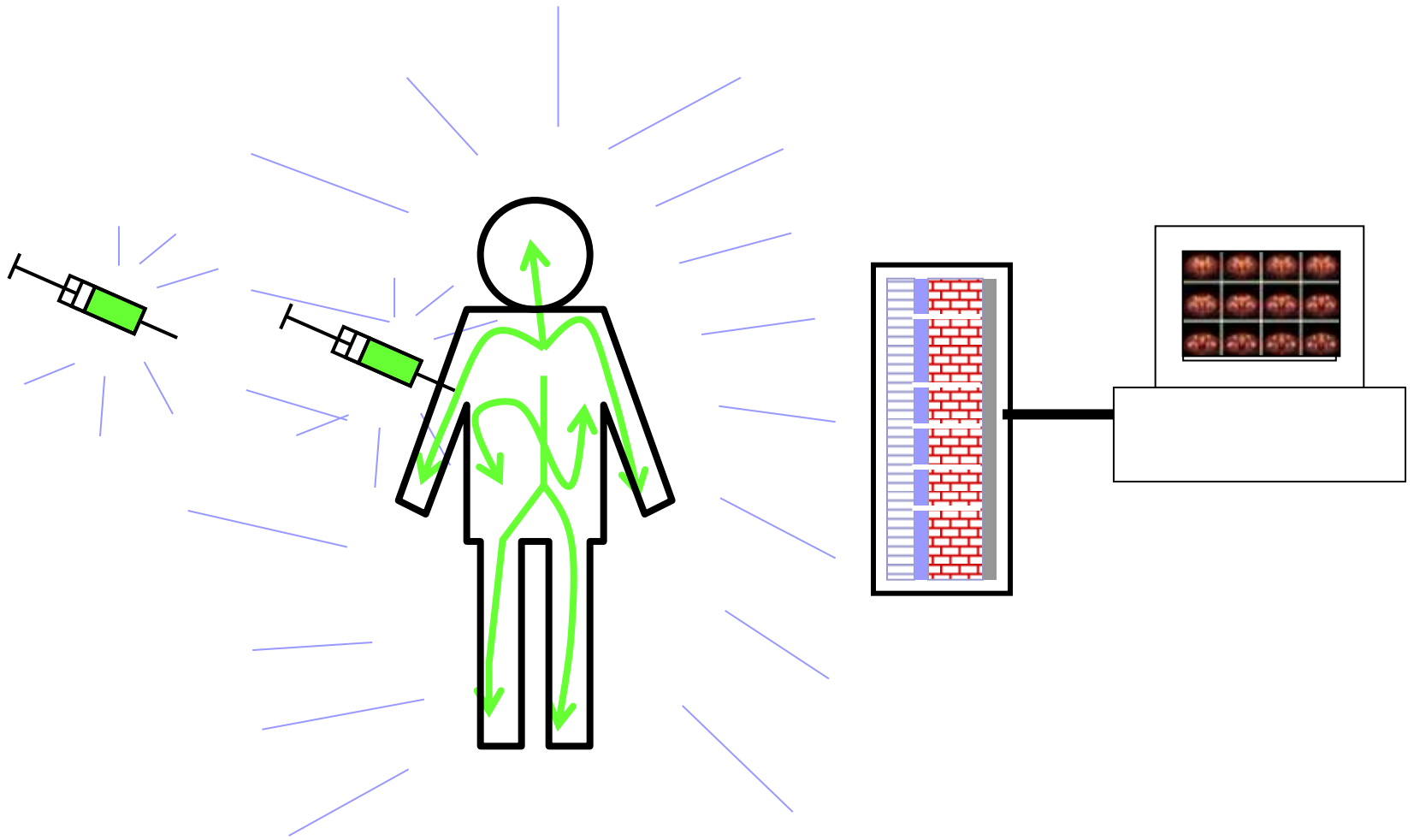


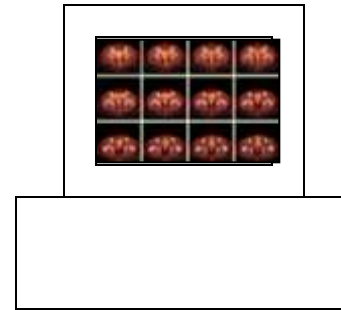
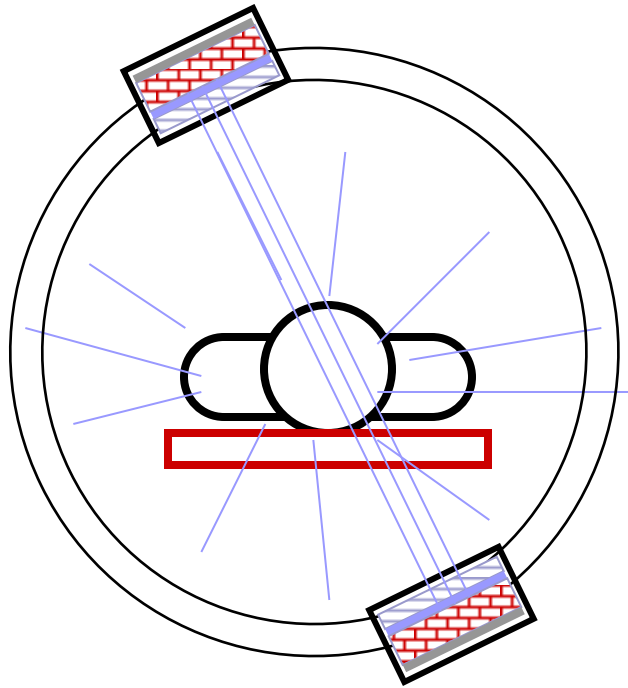
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BASES TECNICAS

✓ INSTRUMENTACION

✓ RADIOFARMACIA







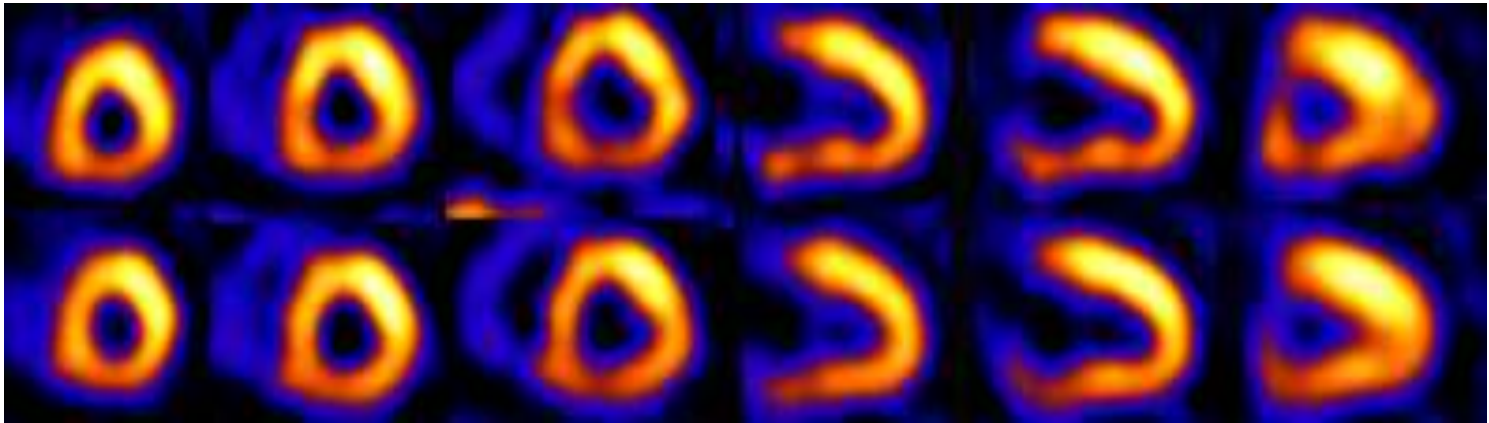
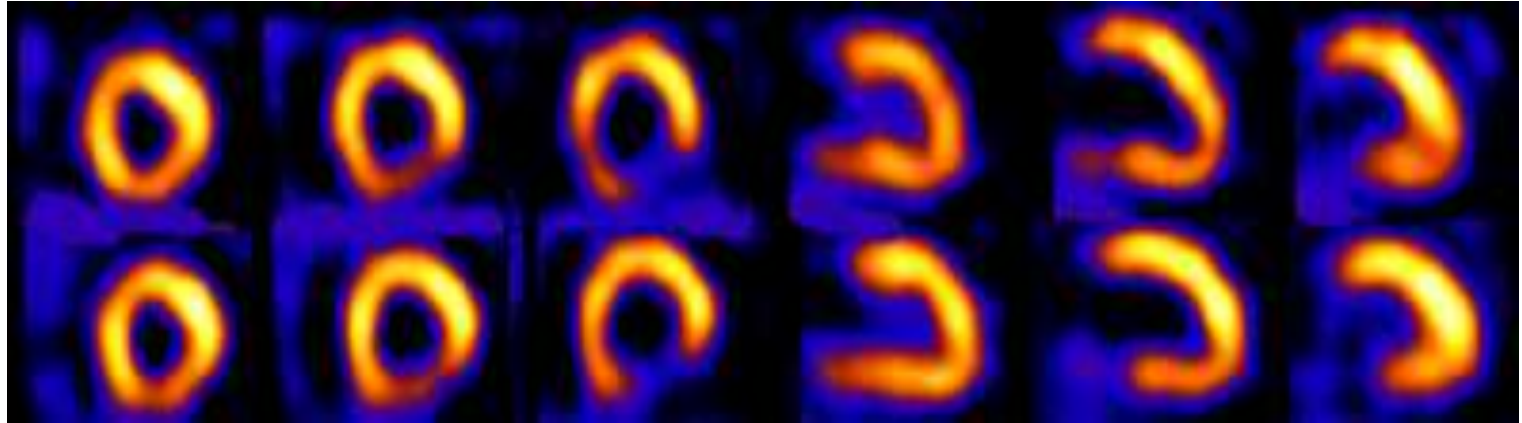
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VENTAJAS

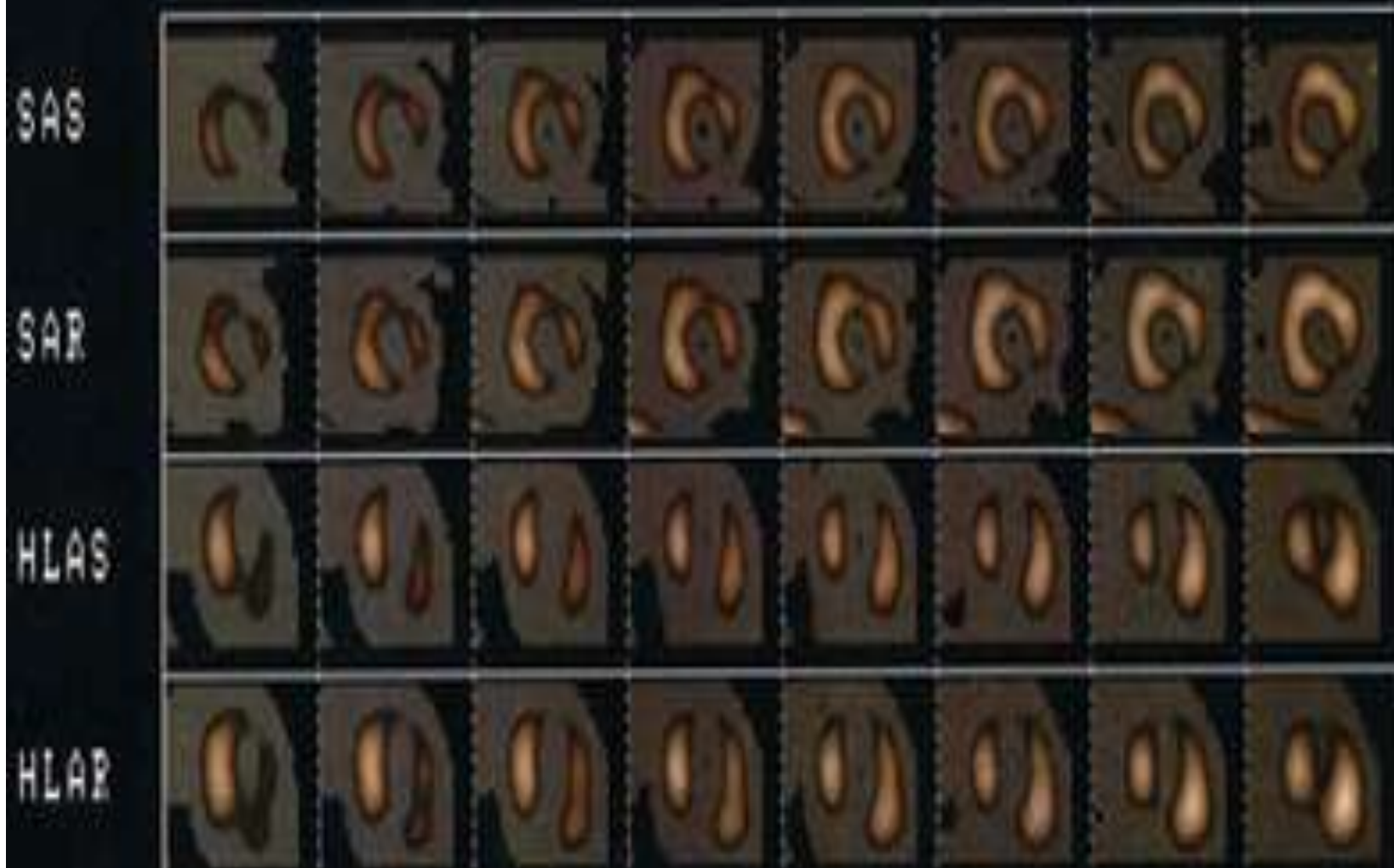
- ✓ No es invasiva
- ✓ Es funcional
- ✓ No produce molestias
- ✓ Bajo nivel radiación
- ✓ Rapidez entrega información

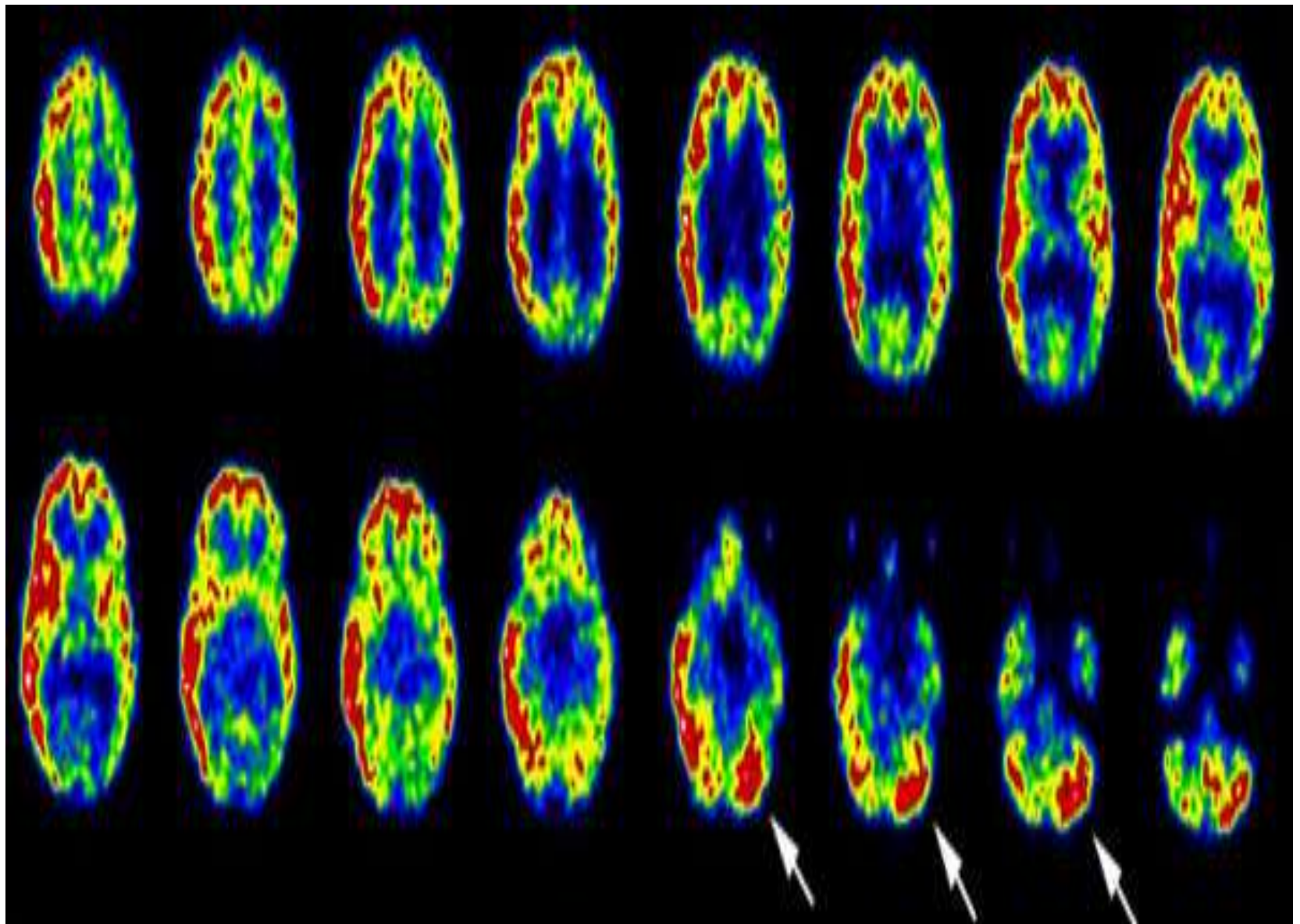


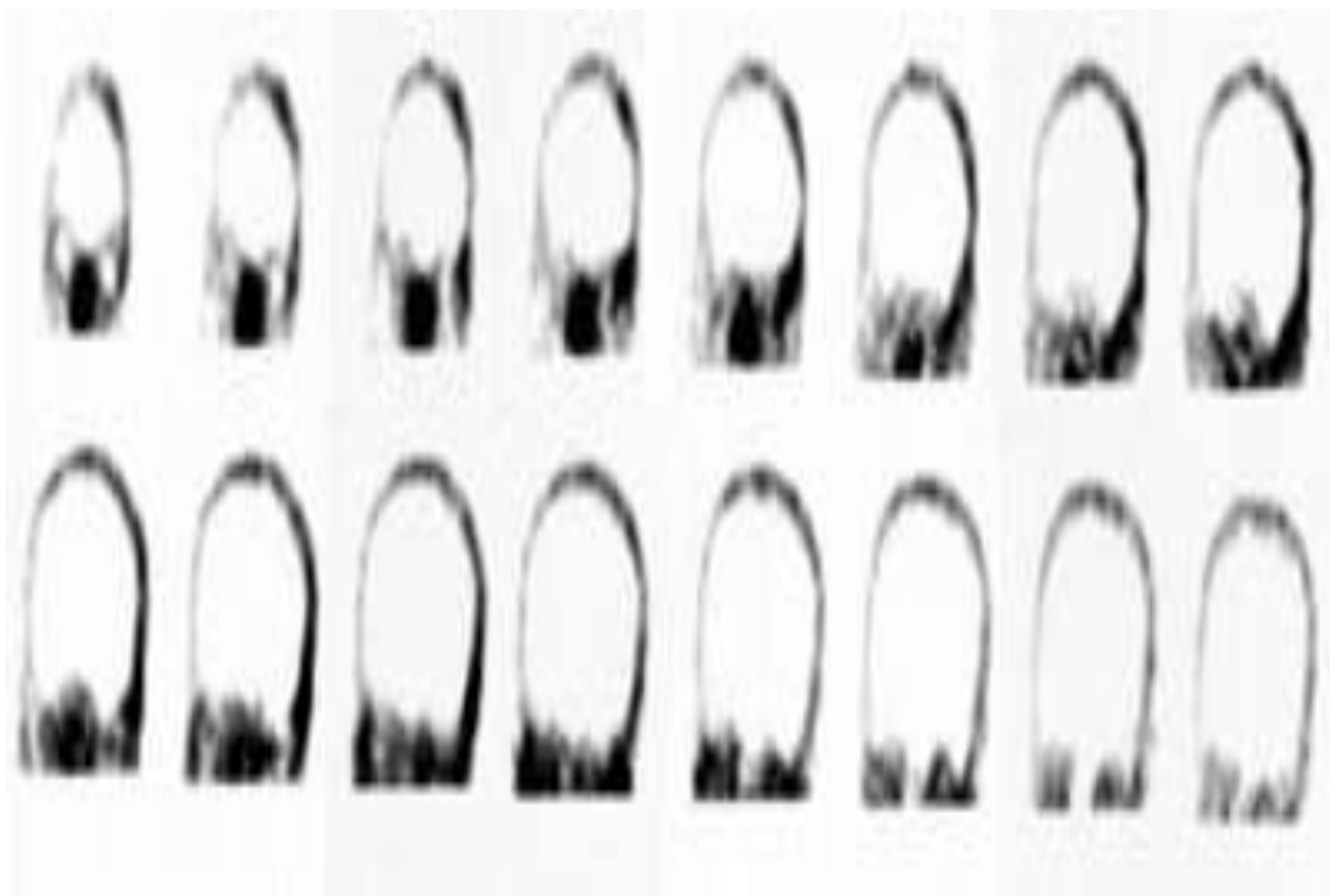
CAMPOS DE INVESTIGACION



STRESS (ADENOSINE) MIBI vs REST MIBI







POSTERIOR



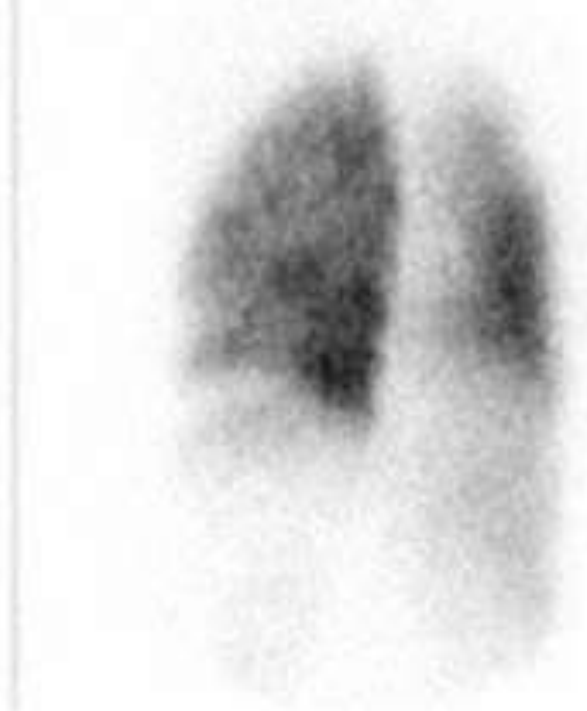
ANTERIOR

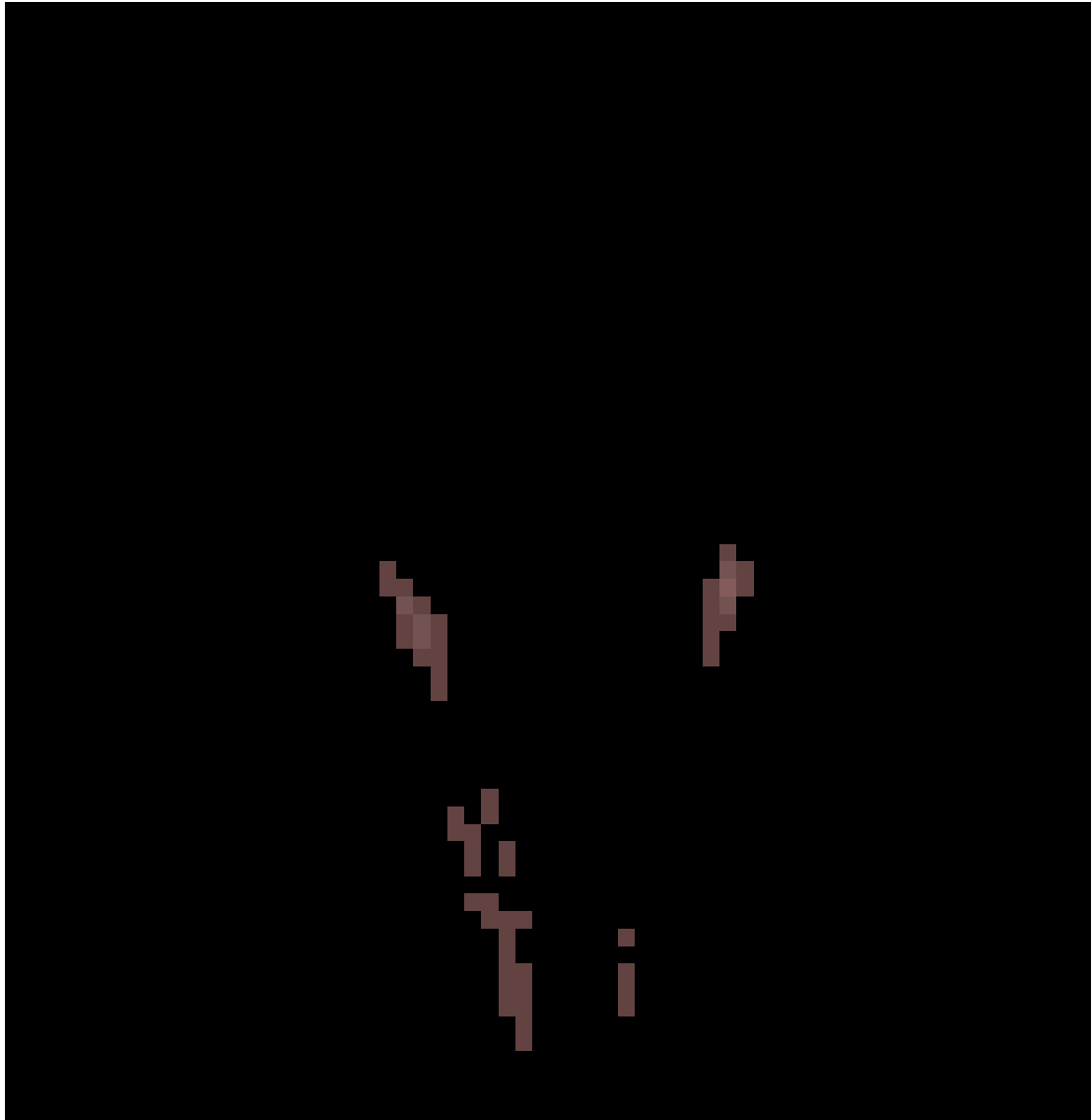


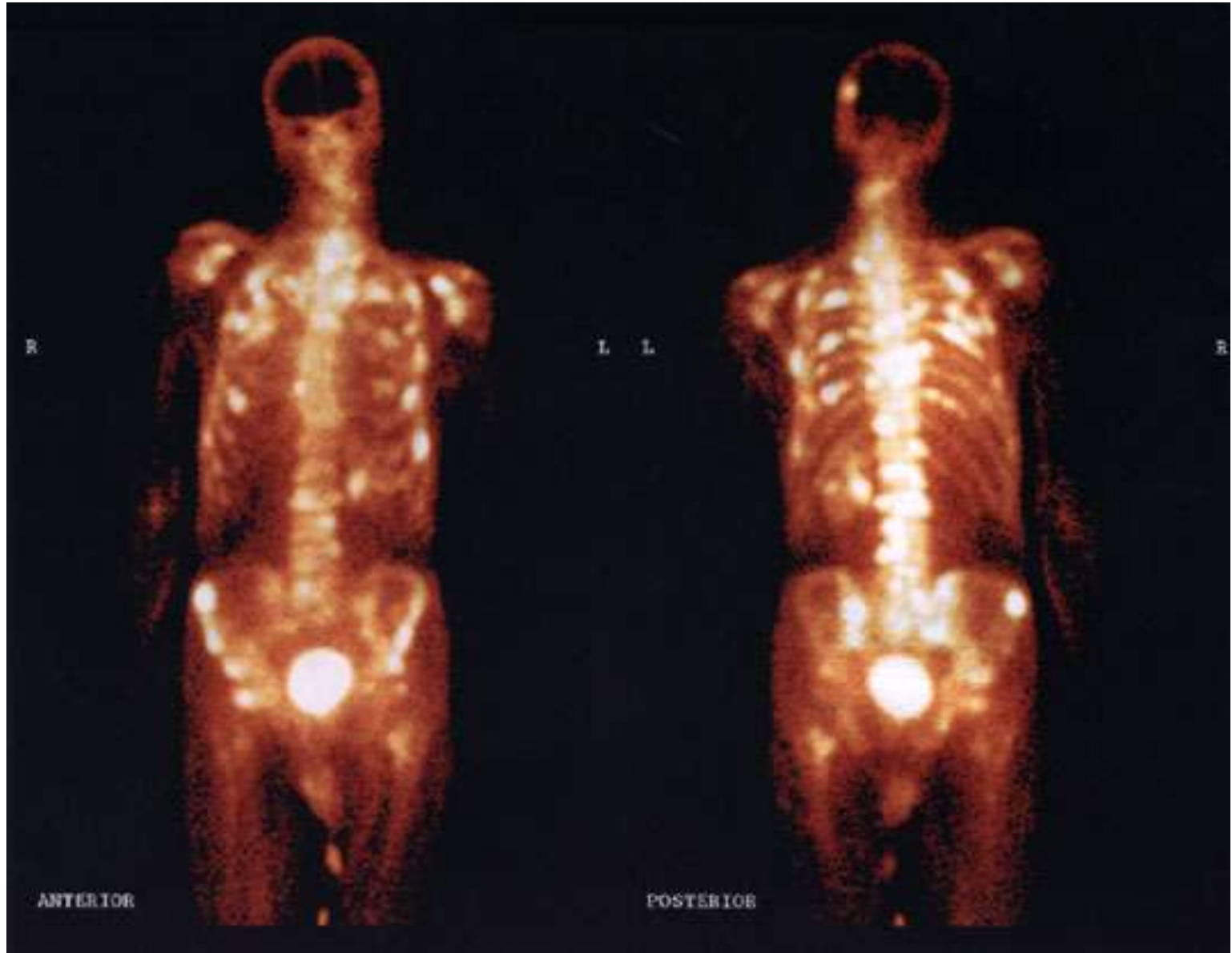
OBLICUA POST DER

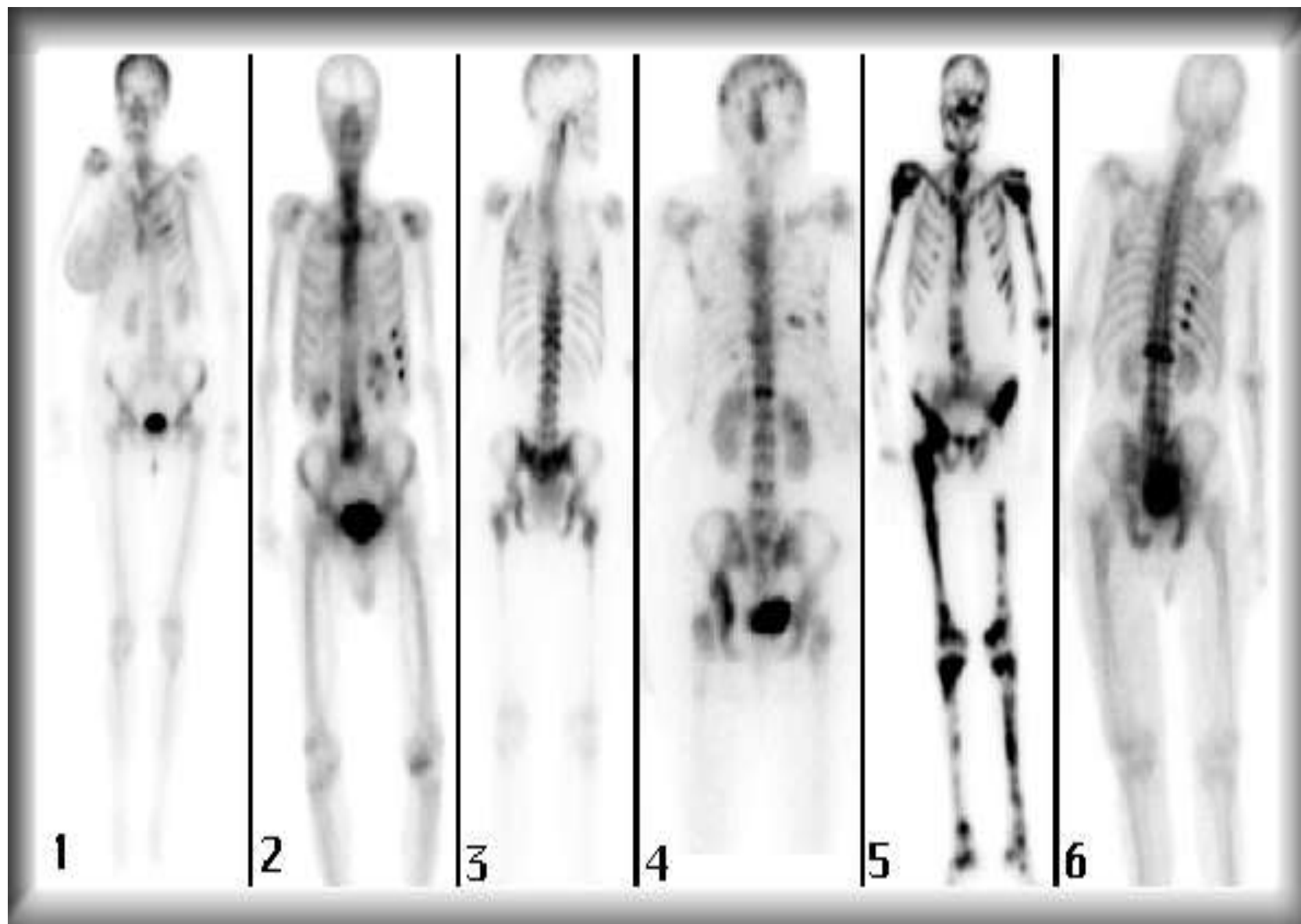


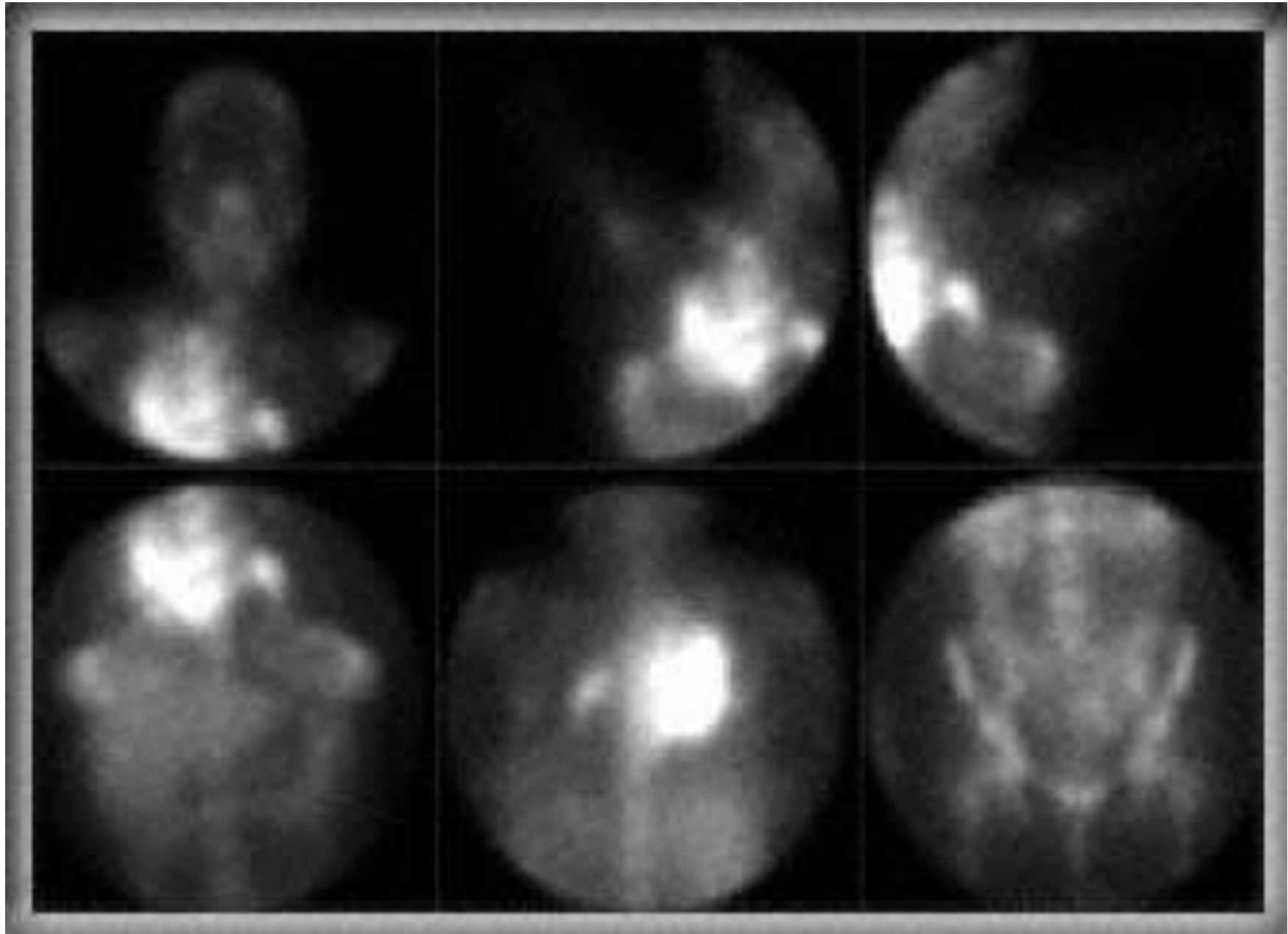
OBLICUA POST IZQ





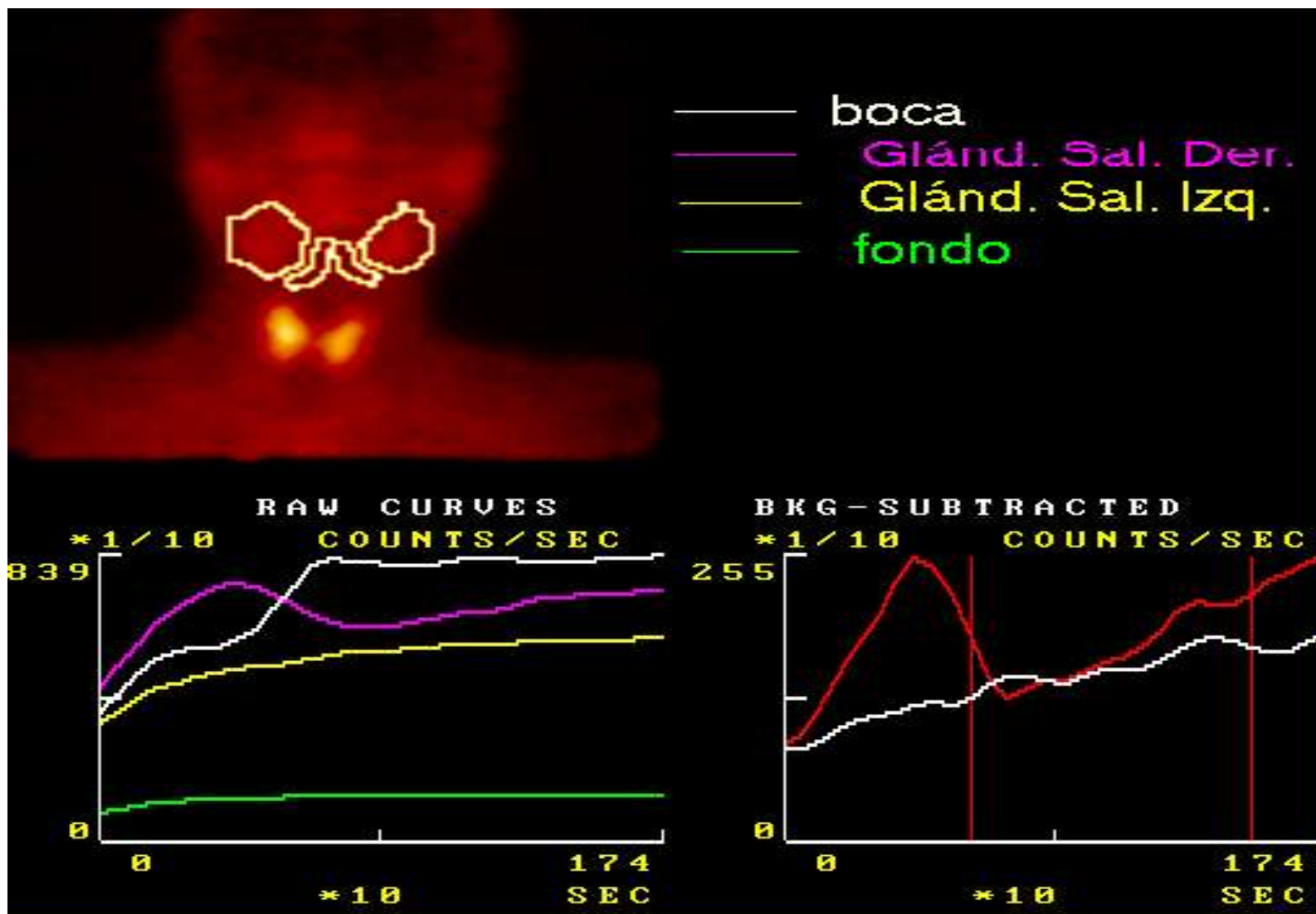


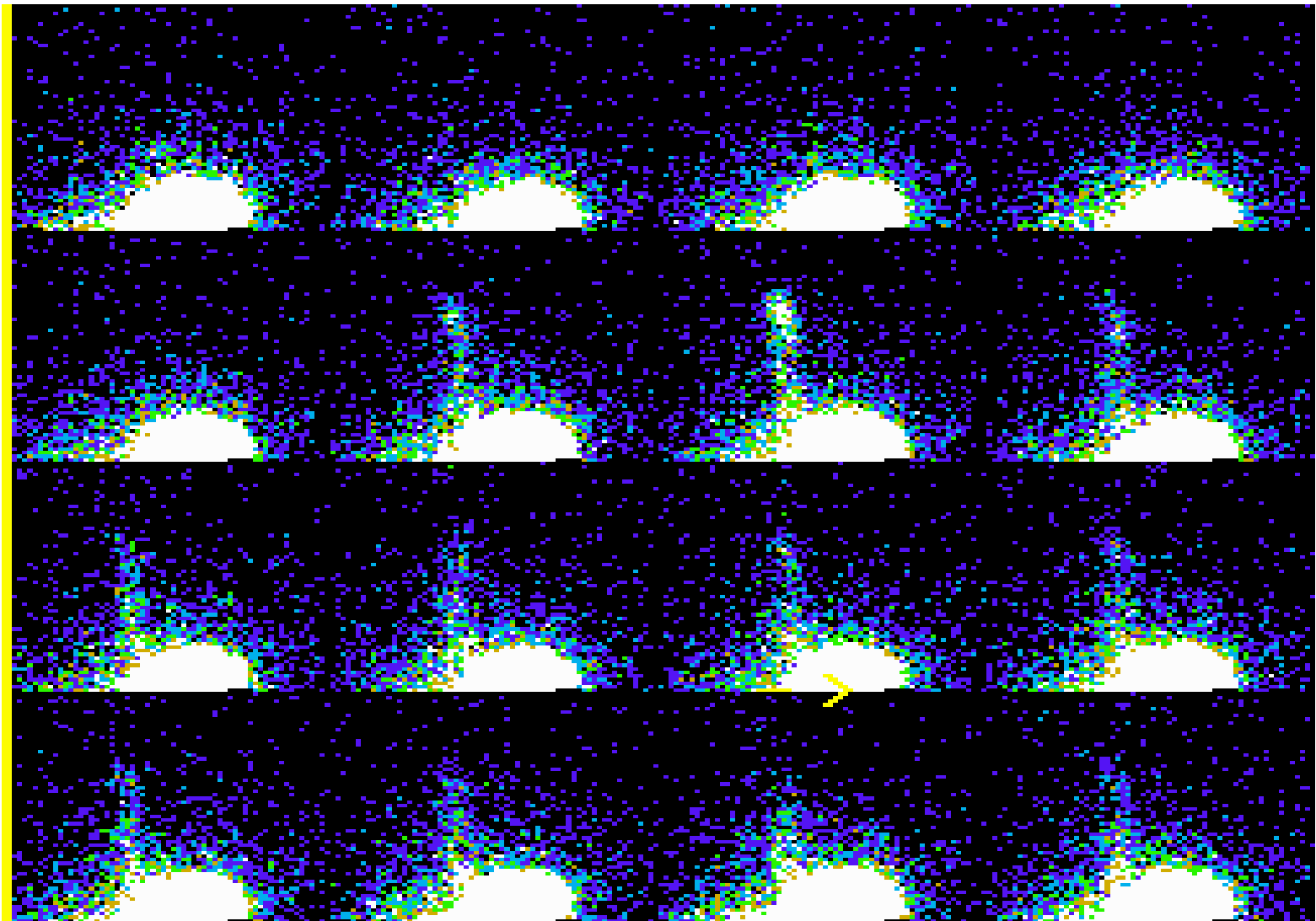




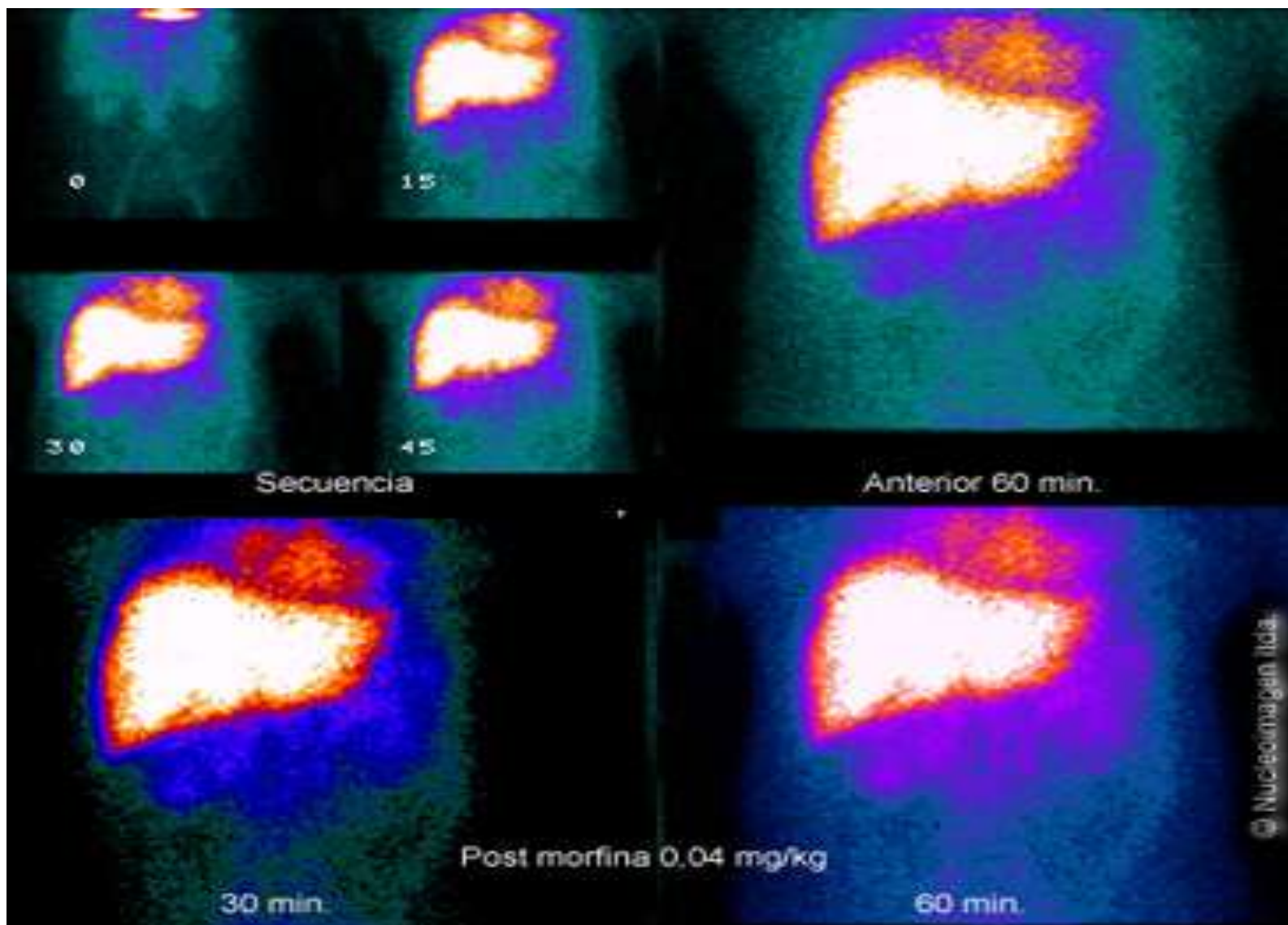
Tc-99m-MIBI
Breast Cancer
Cancer de Mama



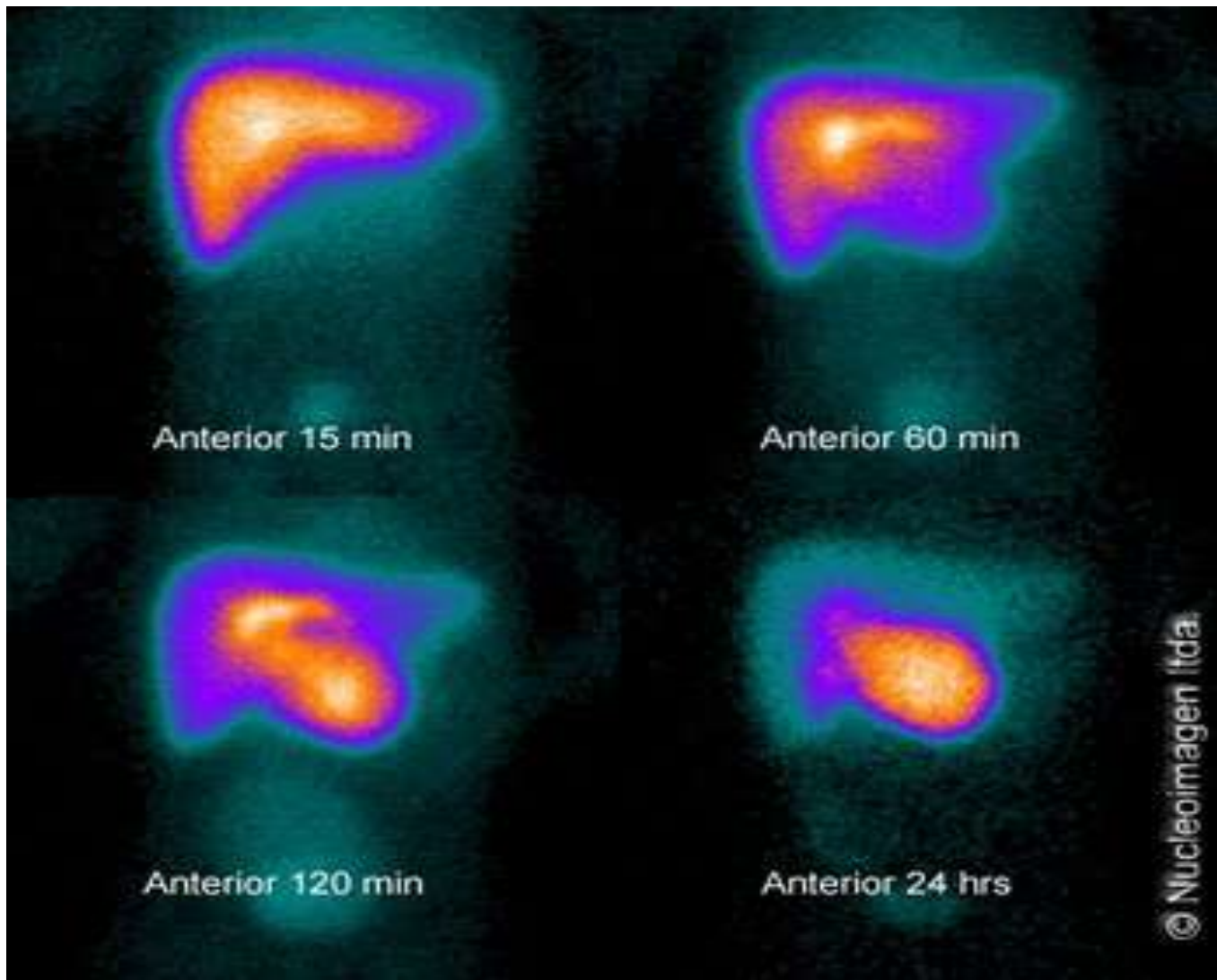


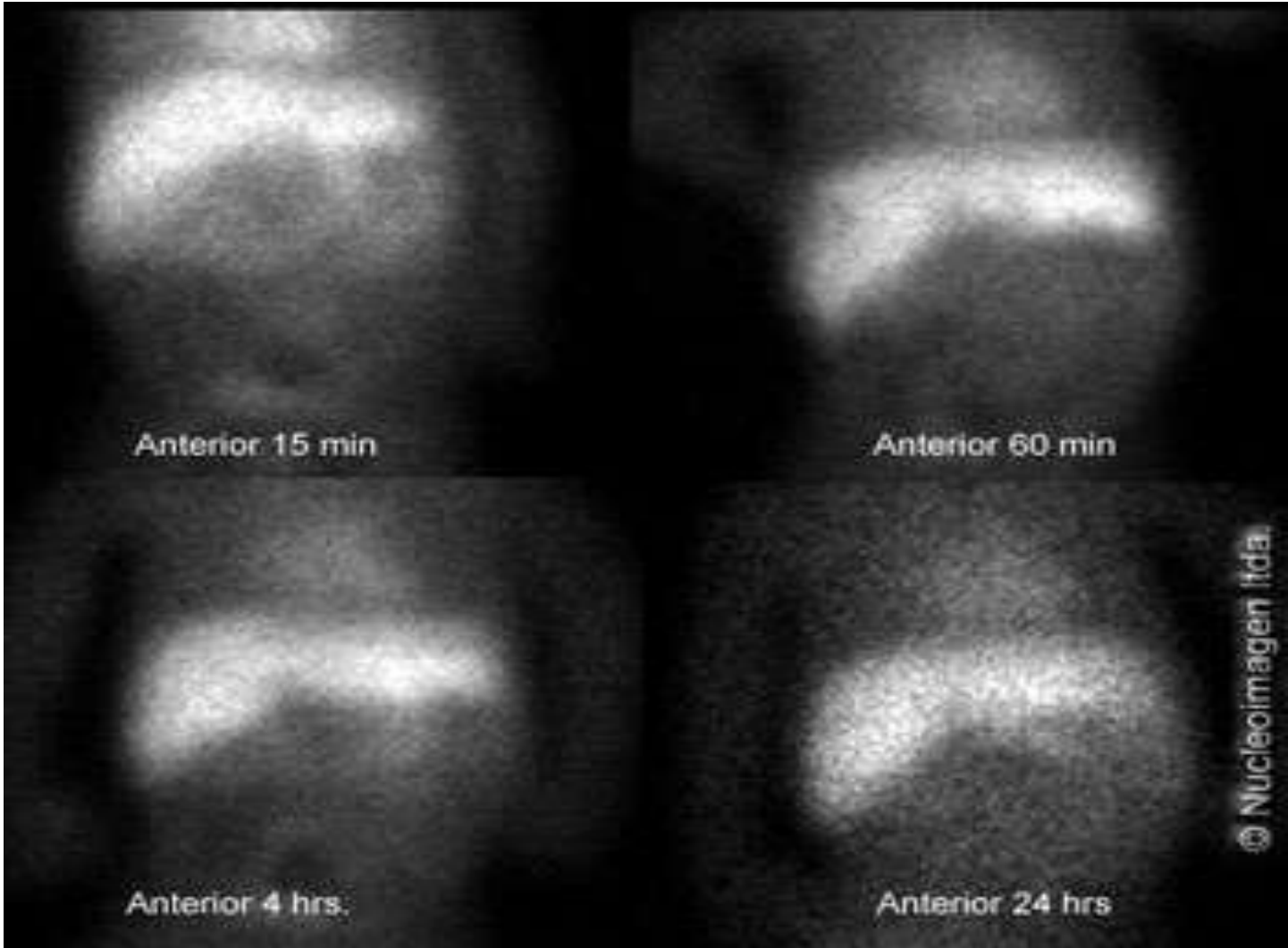


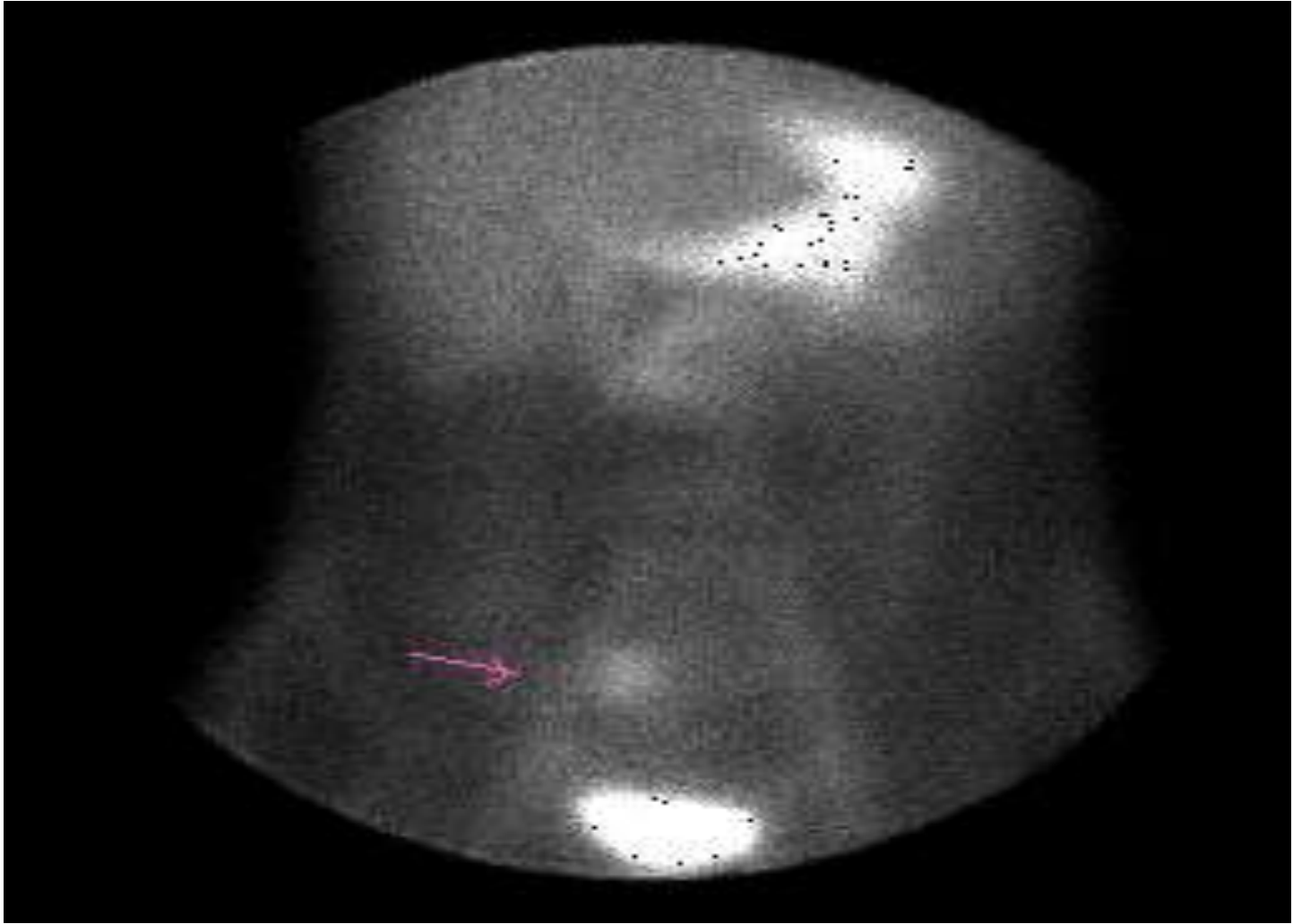


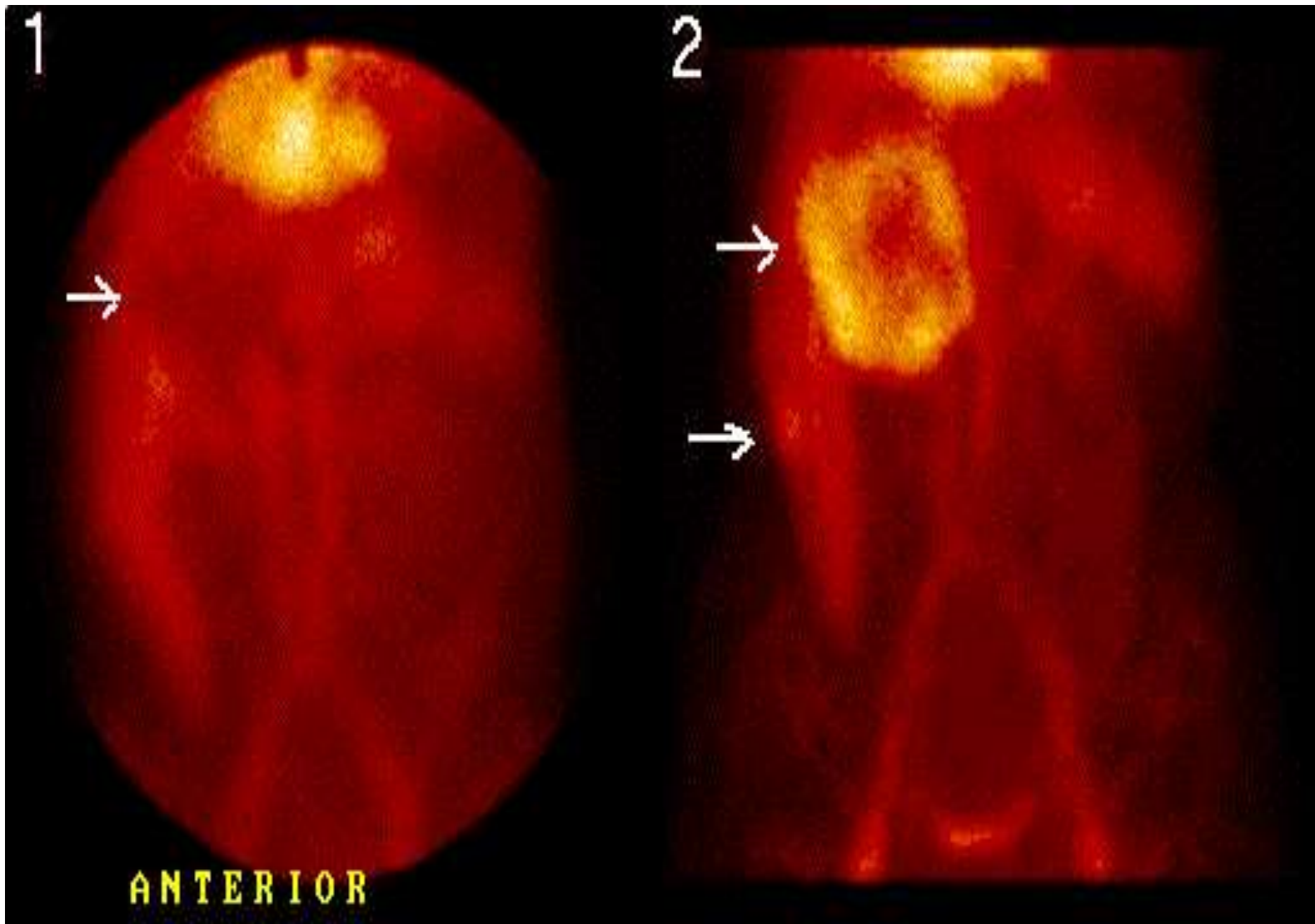


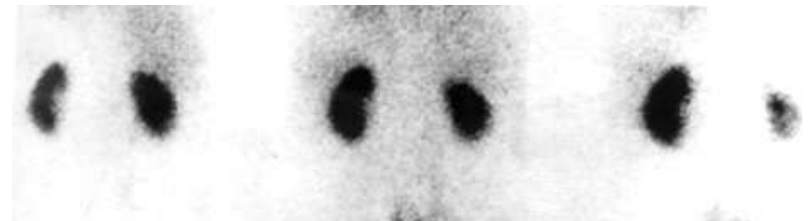
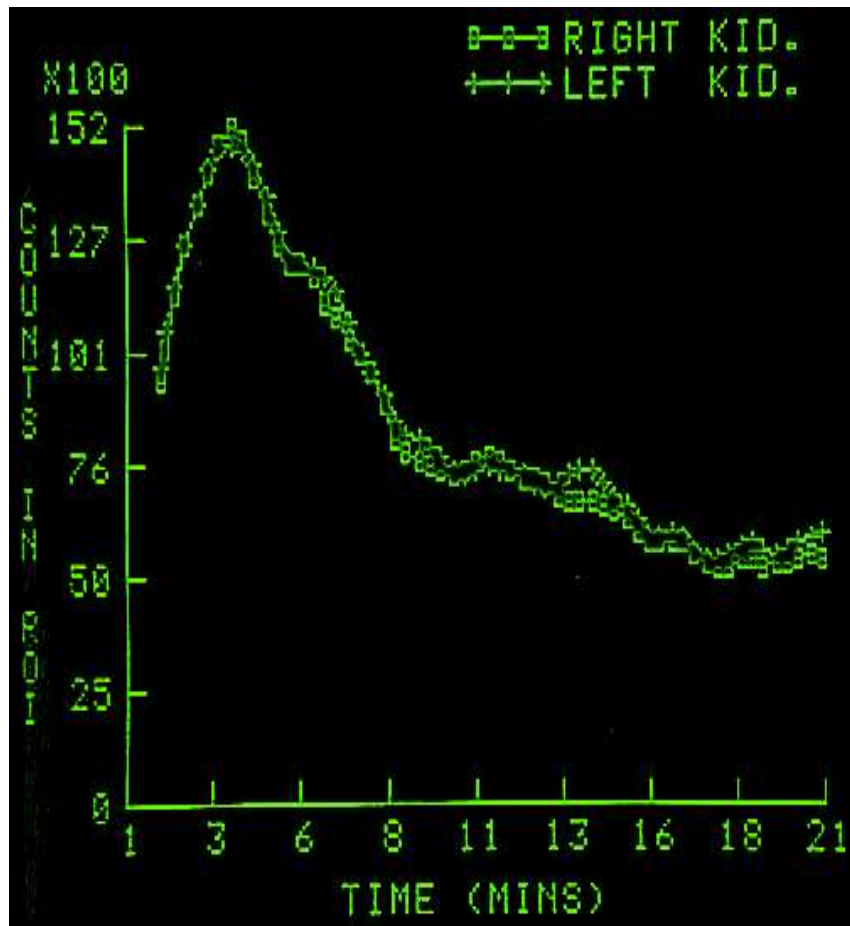
© Nucleonmagén, Iida.

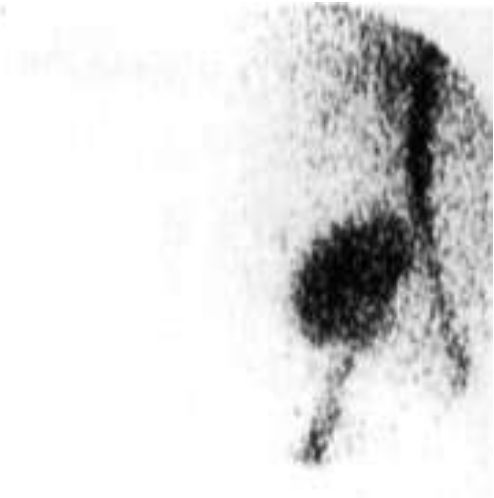




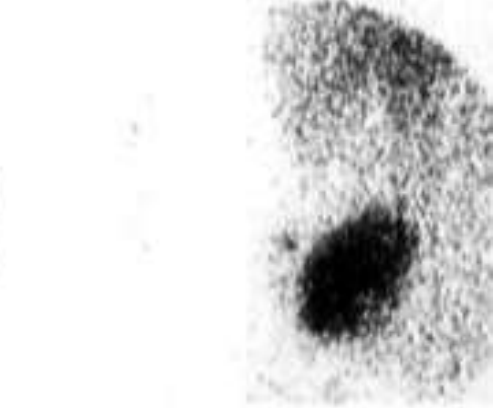


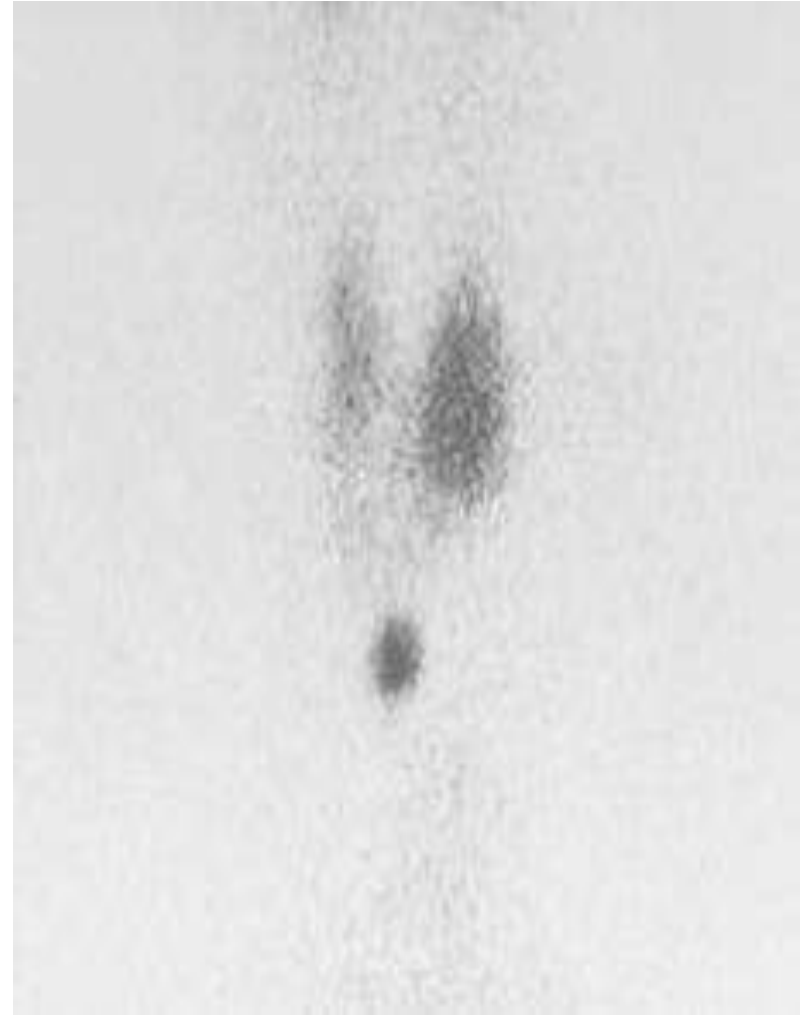






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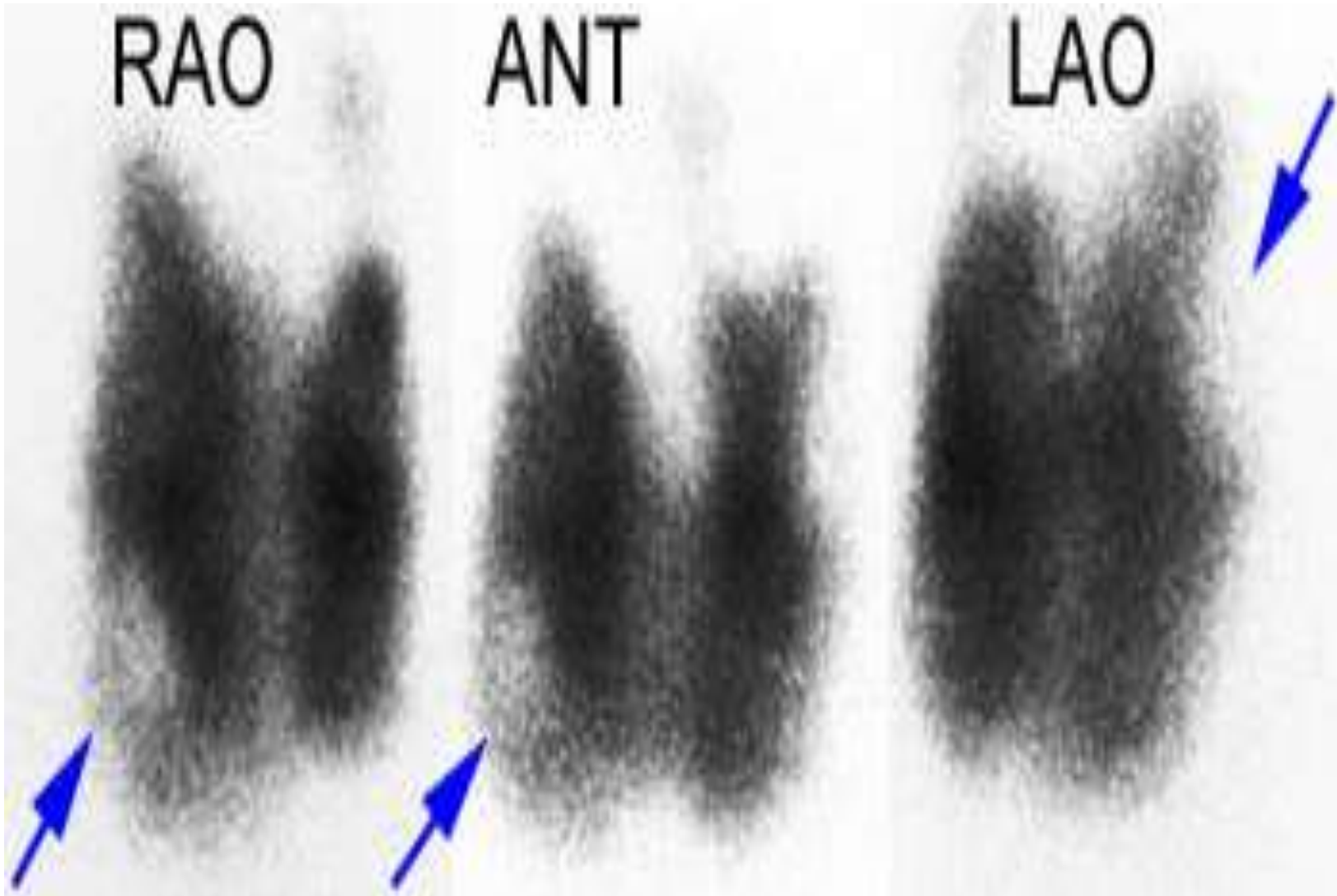


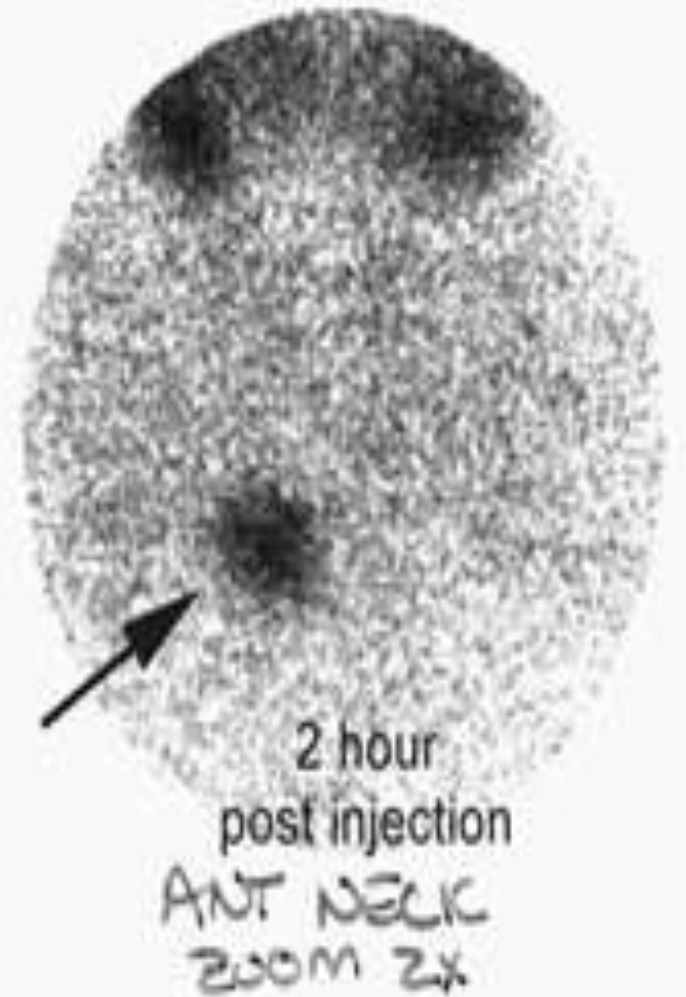
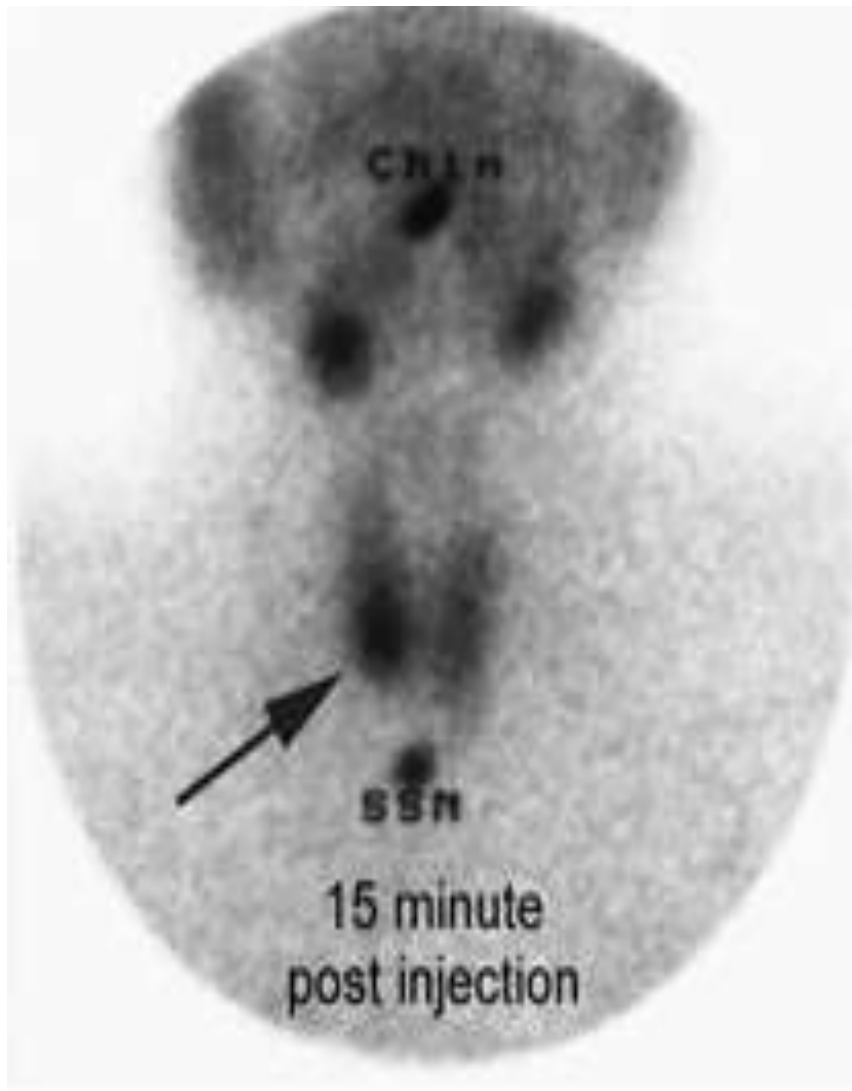


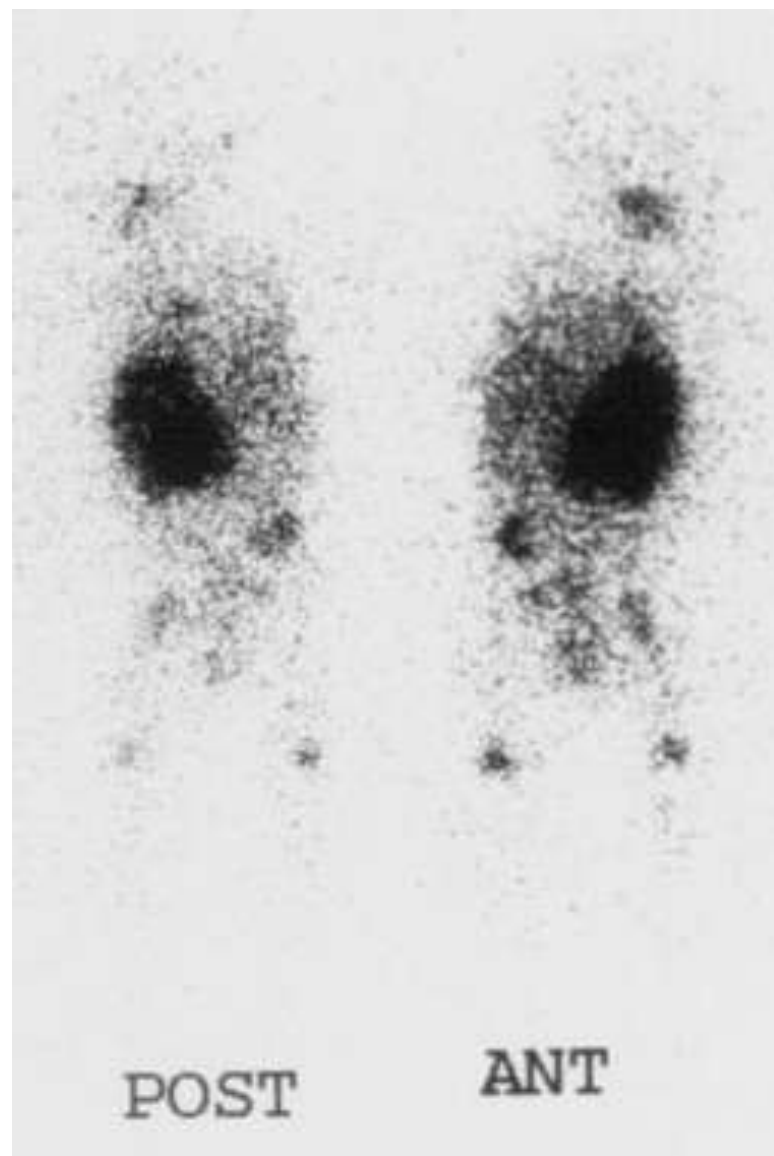
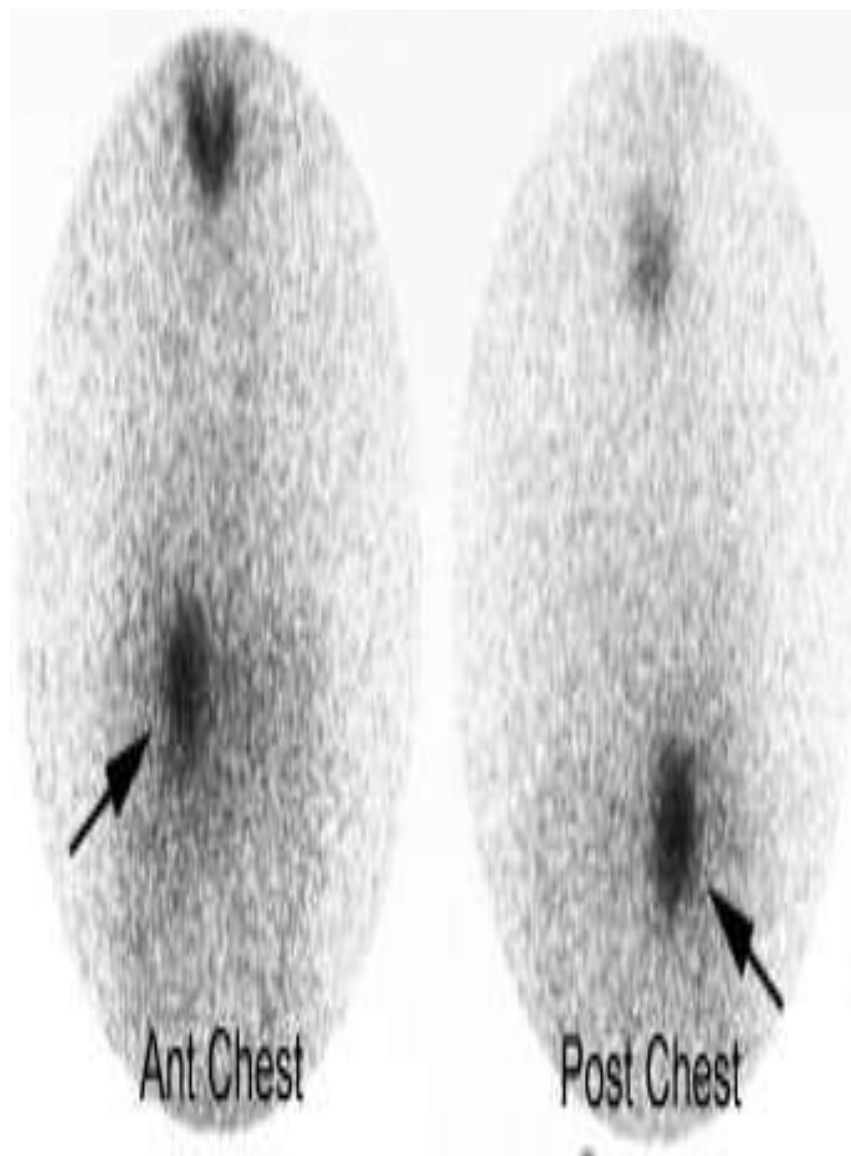
RAO

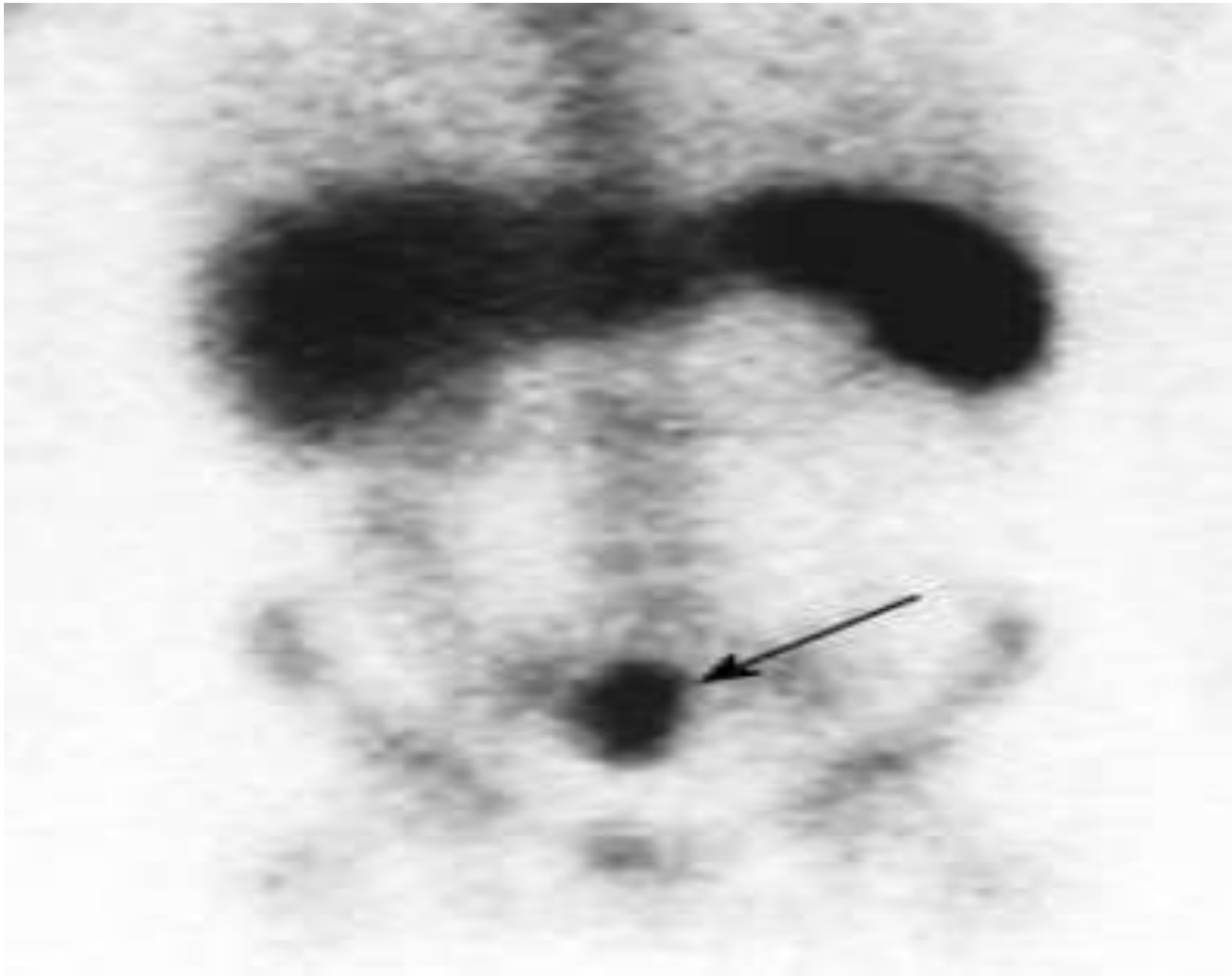
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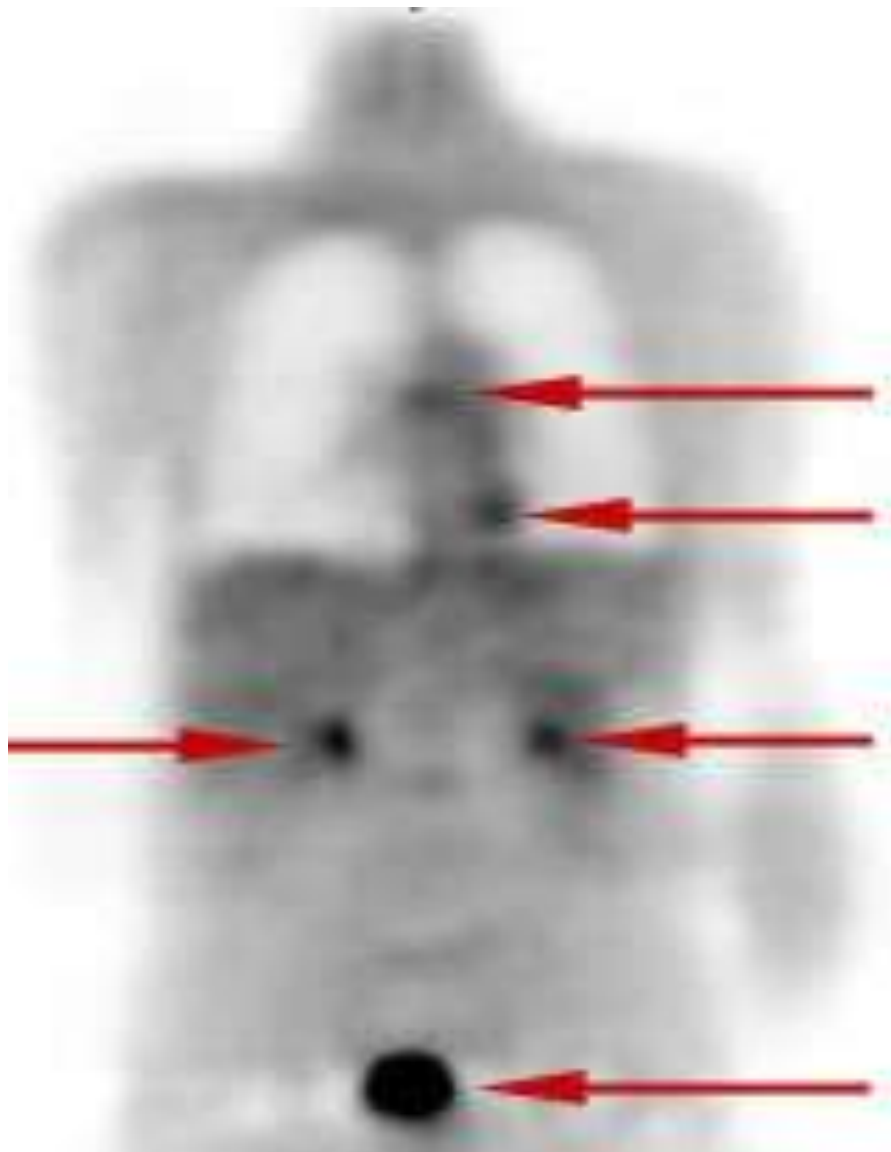
LAO











Anatomic

Physiologic

MI For Fusion Tc99m

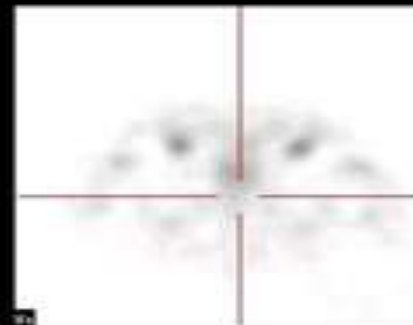
In111 vs Tc99m



Transaxial



Transaxial



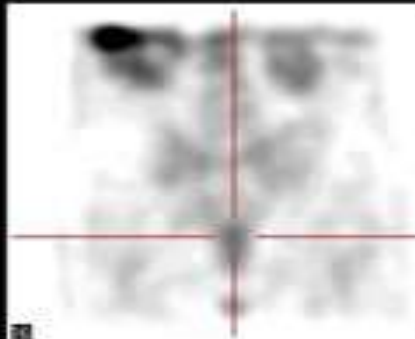
Transaxial



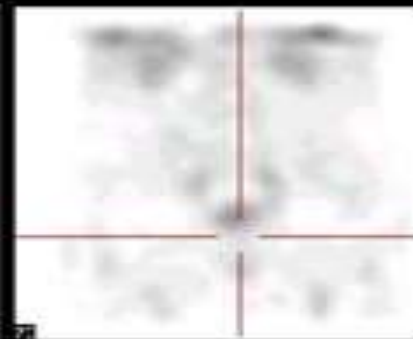
Scout View



Coronal



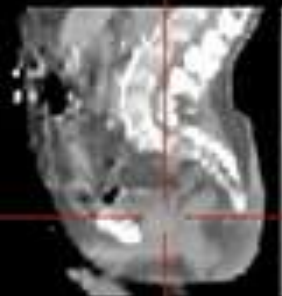
Coronal



Coronal



Max Intensity Projection



Sagittal



Sagittal



Sagittal

