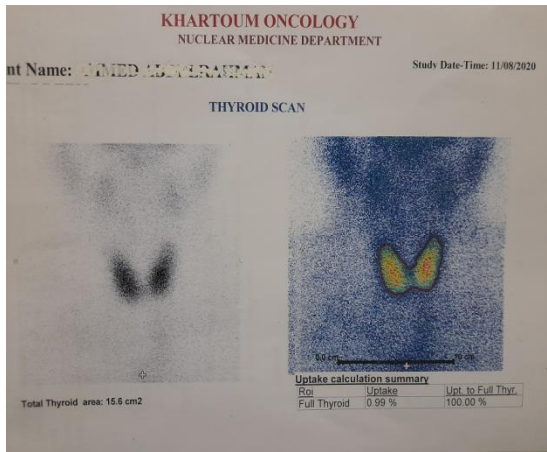
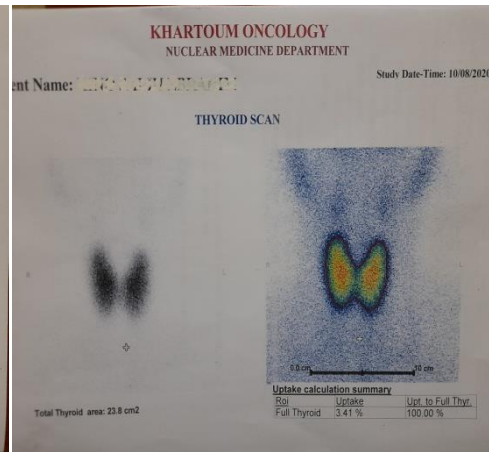


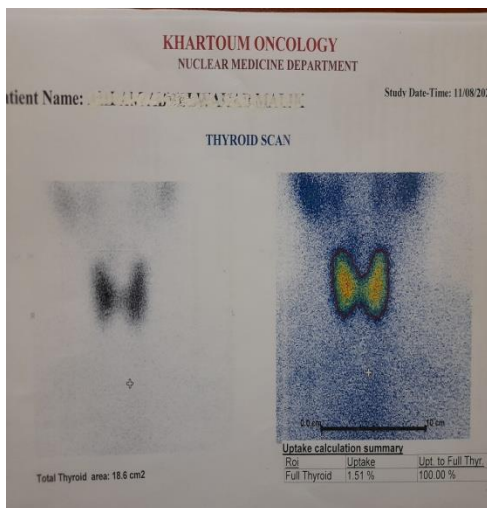
**Appendix:**



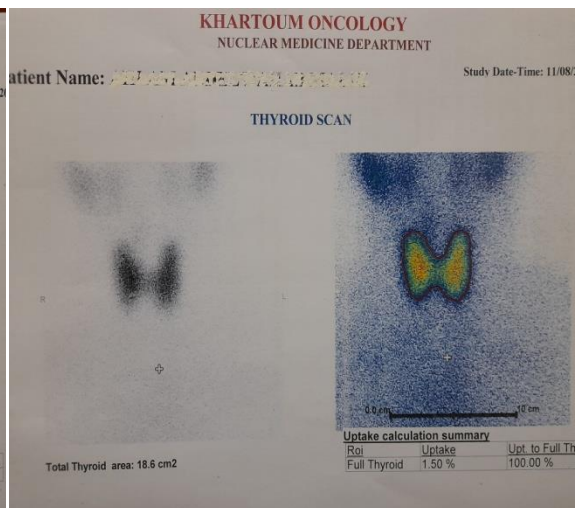
**(A)**



**(B)**

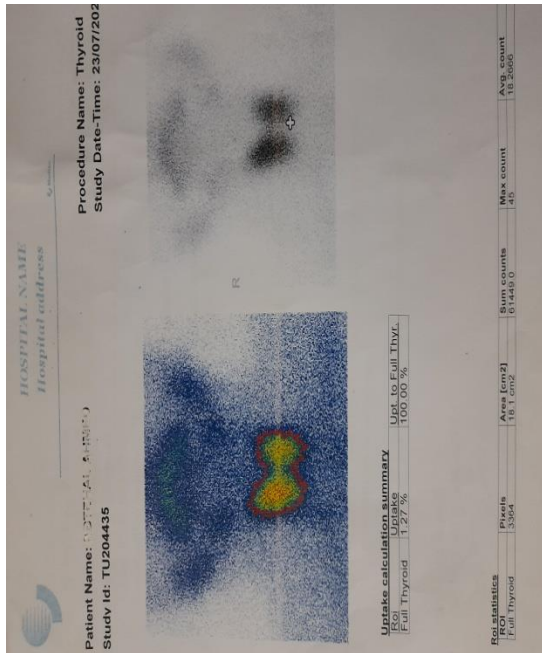


**(C)**

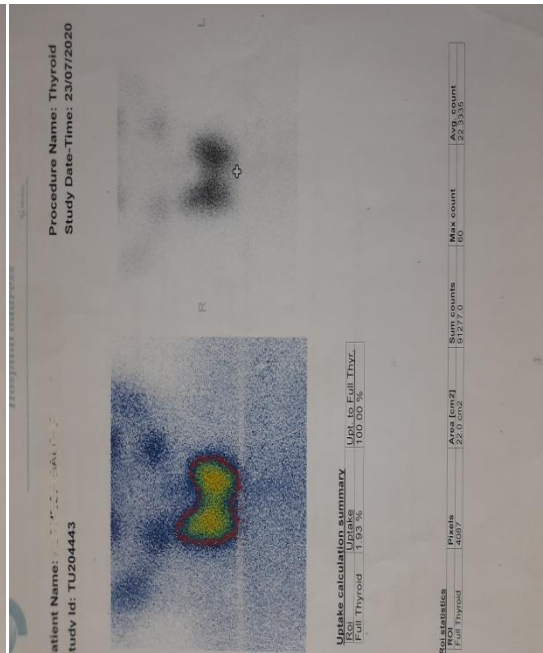


**(D)**

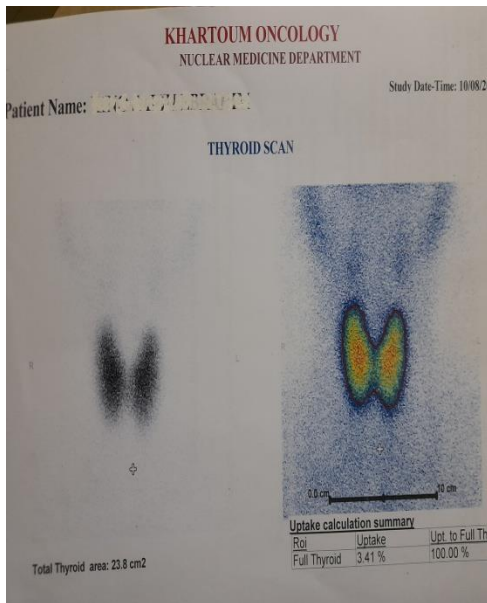
A representative images of regions of interest drawn around the thyroid gland (black) and background .The thyroid uptake calculation summary by <sup>99m</sup>Tc & size was( 3.41% , 23.8Cm2) , (0.99%, 15.6Cm2) , (1.51%, 18.6Cm2) , (1.50%, 18.6Cm2) respectively.



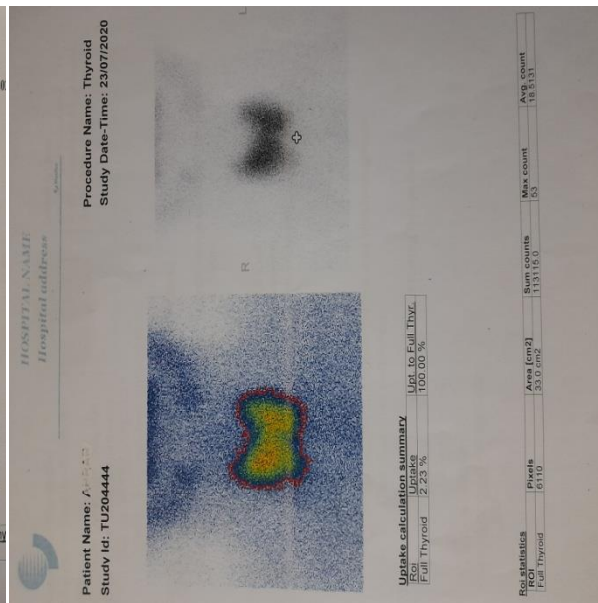
(A)



(B)

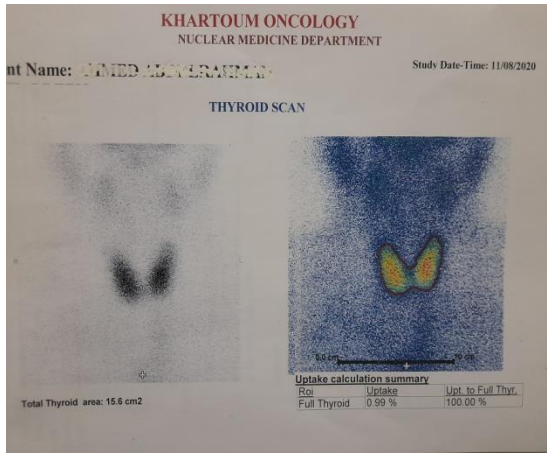


(C)

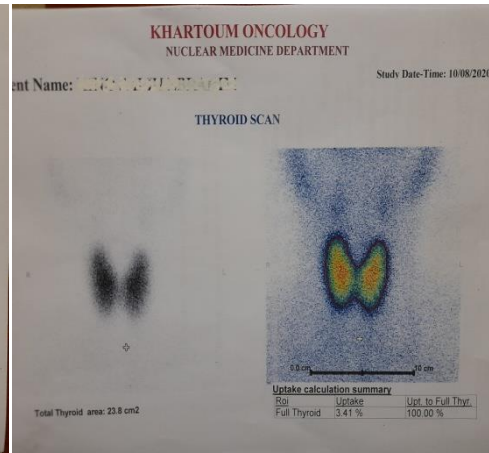


(D)

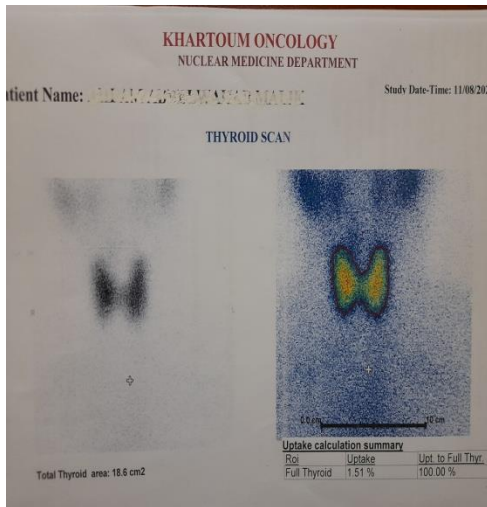
A representative images of regions of interest drawn around the thyroid gland (black) and background .The thyroid uptake calculation summary by  $^{99m}\text{Tc}$  & size was( 2.34% , 22.8Cm2) , (0.5%, 18.4Cm2) , (2.2%, 17.6Cm2) , (1.7%, 19.4Cm2) respectively.



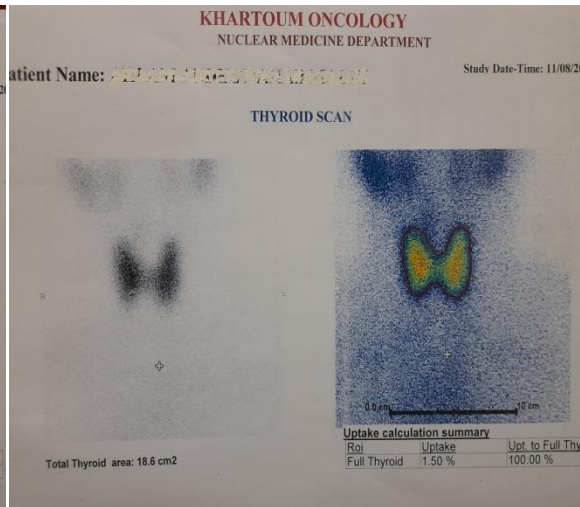
(A)



(B)

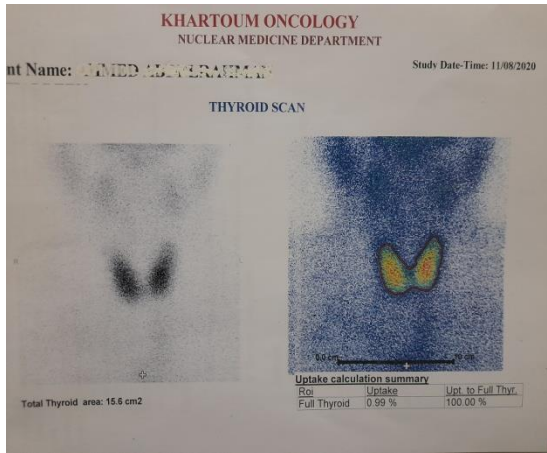


(C)

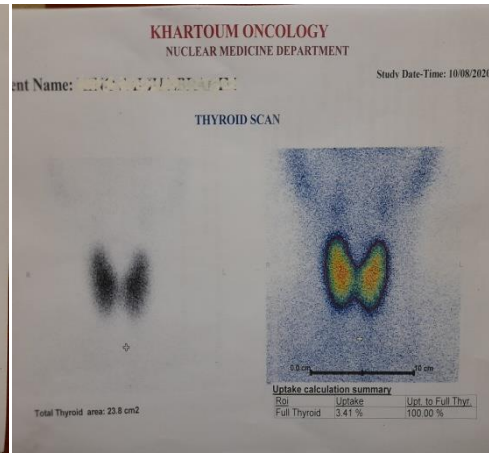


(D)

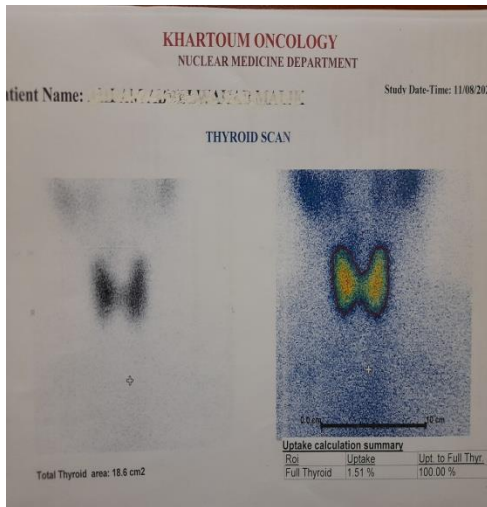
A representative images of regions of interest drawn around the thyroid gland (black) and background .The thyroid uptake calculation summary by  $^{99m}\text{Tc}$  & size was( 4.4% , 25.8Cm<sup>2</sup> ) , (2.3% , 22.2Cm<sup>2</sup> ) , (1.34% , 19.6Cm<sup>2</sup> ) , (1.4% , 20.6Cm<sup>2</sup>) respectively.



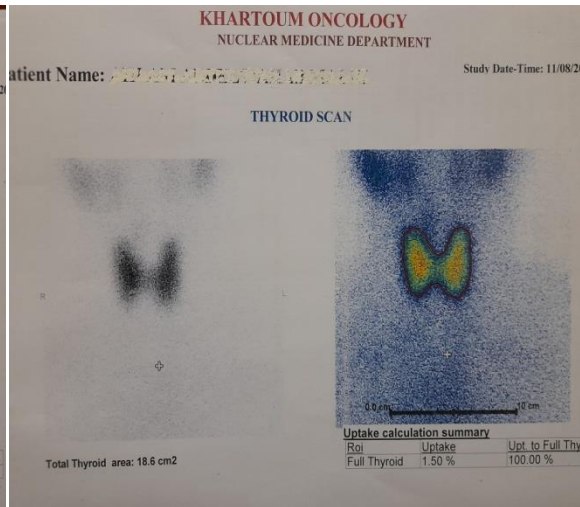
(A)



(B)



(C)



(D)

A representative images of regions of interest drawn around the thyroid gland (black) and background .The thyroid uptake calculation summary by  $^{99m}\text{Tc}$  & size was( 3.41% , 25.8Cm<sup>2</sup> ) , (2.99% , 17.6Cm<sup>2</sup> ) , (1.78% , 20.6Cm<sup>2</sup> ) , ( 2.50% , 21.6Cm<sup>2</sup> ) respectively.

جمهورية السودان  
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 قسم الطب النووي

Republic of The Sudan  
 Ministry of Health -Khartoum  
 Khartoum Oncology Hospital  
 Nuclear Medicine Department

Name: XXXXXXXXXXXXXXXX  
 Investigation required: Thyroid Scan  
 Date: 11-8-2020.  
**Tc<sup>99m</sup> pertechnetate Thyroid scan and uptake**

**Technique:**  
 Static spots views of the anterior neck were acquired 20 min following administration of 5 mCi 185MBq of Tc<sup>99m</sup>.

**Findings:**

- ❖ Normal thyroid gland area 15.6 Cm2.
- ❖ No evidence of retrosternal extension
- ❖ Homogenous tracer uptake of thyroid lobes.
- ❖ Thyroid uptake =0.99% (N 0.5 – 4.0%).

**Opinion:**

- Normal thyroid uptake value & area with homogenous distribution of radiotracer.

Thank you for referring this patient

Dr. Awad Eltayeb  
 Nuclear medicine Specialist

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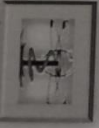
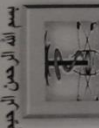
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Diagnostic reports for thyroid uptake scan with Tc99m reveals anatomical natures, uptake & thyroid size.

Republic of The Sudan Ministry of Health - Khartoum Khartoum Oncology Hospital Nuclear Medicine Department	جمهورية السودان وزارة الصحة ولاية الخرطوم مستشفى الخرطوم لعلاج الأورام قسم الطب النووي
Name: XXXXXXXXXXXXXXXX Investigation required: Thyroid Scan Date: 12-8-2020. <b><sup>99m</sup>Tc pertechnetate Thyroid scan and uptake</b> <u>Technique:</u> Static spots views of the anterior neck were acquired 20 min following administration of 5 mCi 185MBq of <sup>99m</sup> Tc. <u>Findings:</u> <ul style="list-style-type: none"> <li>❖ Normal thyroid gland area 19.5 Cm<sup>2</sup>.</li> <li>❖ No evidence of retrosternal extension</li> <li>❖ Homogenous tracer uptake of thyroid lobes.</li> <li>❖ Thyroid uptake =0.78% (N 0.5 – 4.0%).</li> </ul> <u>Opinion:</u> <ul style="list-style-type: none"> <li>• Normal thyroid uptake value &amp; area with homogenous distribution of radiotracer.</li> </ul> <p style="text-align: center;">Thank you for referring this patient</p> <p style="text-align: right;">Dr. Awad Eltayeb Nuclear medicine Specialist</p>	

Republic of The Sudan Ministry of Health - Khartoum Khartoum Oncology Hospital Nuclear Medicine Department	جمهورية السودان وزارة الصحة ولاية الخرطوم مستشفى الخرطوم لعلاج الأورام قسم الطب النووي
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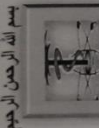
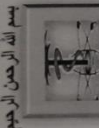
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