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TSH RIA T<sub>4</sub> T<sub>3</sub>.

FT4, IRMA

SPSS

(% ) ( ± / )

% /

T<sub>3</sub> (p< / ) %

T<sub>4</sub>, T<sub>3</sub>. (p= / ) (p= / ) FT4 TSH

T<sub>3</sub> (p= / ) (p= / )

% SES :

- ( )

**Email:** Z-Mousavi@mums.ac.ir

- ( )

- ( )

<sup>1</sup> SES: Sick Eutyroid Syndrome



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(

( )

. ( )

ICU

( )

T<sub>3</sub> TSH T<sub>3</sub> T<sub>4</sub> T<sub>4</sub>

:

T<sub>3</sub> T<sub>4</sub>, T<sub>3</sub>

) (ng/dl) T<sub>3</sub> TSH ( ) T<sub>3</sub>

(± ng/dl)

T<sub>4</sub>

/ / (micg/dl)

(± / micg/dl)

T<sub>4</sub> ( )

(± / ng/dl) / / (ng/dl)

T<sub>3</sub> T<sub>3</sub>RU

)

( - ( )

TSH

- / ) μu/ml

(± / μu/ml) ( /

SPSS

( ) (ICU)

<sup>3</sup> Diasorin  
<sup>4</sup>Immunoradiometric assay

<sup>2</sup> NTI: Non – thyroidal illness

± / ± /

/ ± /

T<sub>4</sub>, T<sub>3</sub>

T<sub>4</sub>, T<sub>3</sub> % %

. % %

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± /

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/ ± / (FT4) T<sub>4</sub>

% ± % TSH

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T<sub>4</sub>, T<sub>3</sub>

p < /

± /

$ng/dl$ FT <sub>4</sub> (0/8-2/7)	$\mu u/ml$ TSH (0/1-4/5)	$\mu g/dl$ T <sub>4</sub> (4/5-12)	$ng/dl$ T <sub>3</sub> (60-200)
/ ± /	/ ± /	/ ± /	/ ± /
/ ± /	/ ± /	/ ± /	± /
P= /	P= /	P= /	P= /

$ng/dl$ FT <sub>4</sub> (0/8-2/7)	$\mu u/ml$ TSH (0/1-4/5)	$\mu g/dl$ T <sub>4</sub> (4/5-12)	$ng/dl$ T <sub>3</sub> (60-200)
/ ± /	/ ± /	/ ± /	/ ± /
/ ± /	/ ± /	/ ± /	/ ± /
P= /	P= /	P= /	P= /

ICU % ICU SES  
 ) T<sub>3</sub> ( ) % -



% / (   
 T<sub>3</sub> (p< / ) T<sub>4</sub> .   
 ICU . % ( )   
 TSH % - T<sub>4</sub>   
 . % / TSH . %   
 T<sub>4</sub>, . TSH ( ) T<sub>4</sub>   
 T<sub>3</sub> T<sub>3</sub> (% )   
 (% % ) T<sub>4</sub> T<sub>4</sub> ( )   
 .(% % ) T<sub>4</sub>, T<sub>3</sub> TSH   
 TSH> TSH< /   
 TSH ( ) TRH TSH   
 ( ) T<sub>4</sub>, T<sub>3</sub> % TSH< /   
 T<sub>4</sub> T<sub>4</sub>, T<sub>3</sub> .( ) T<sub>3</sub> SES . TSH   
 T<sub>4</sub> T<sub>4</sub> TSH   
 SES   
 T<sub>3</sub>   
 % SES   
 .( )   
 .(p< / ) mRNA   
 T<sub>4</sub>, T<sub>3</sub> TSH   
 T<sub>4</sub> TSH   
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 T<sub>4</sub>   
 .( ) % T<sub>3</sub>   
 ( ) T<sub>4</sub>   
 .( )   
 . % /

<sup>5</sup> Roth well

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