



MD

MD

MD

\*

( )

// :

// :

SID

A.S.A

( )

I - II

mg

+ μg

μg

μg

Visual analog scal

( )

p< /

C B A

(p< / )

B C

(p< / )

I.V

(p< / )

B C

(p< / )

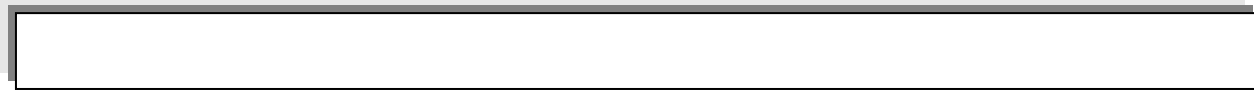
\*

:

-

:

( )



A . . . . . ( )  
μg

. ( )

B . . . . .

C . . . . . ( )  
μg mg IV

. . . . . I.V

. ( )

VAS

. ( )

( = = )

( )  
VAS

(T<sub>2</sub>) (T<sub>1</sub>) (T<sub>0</sub>)  
(T<sub>4</sub>) (T<sub>3</sub>)

( )

(p < / )

μg/Kg /  
mg/Kg / mg/Kg  
O<sub>2</sub> % N<sub>2</sub>O %  
μg/Kg/min

<sup>1</sup> Visual Analog Scale

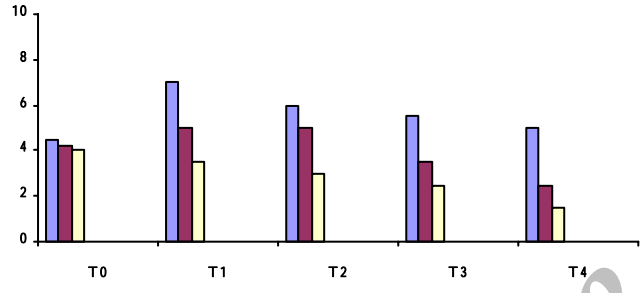


± A : -  
 B . ± -  
 / ± / / ±

± C . ± /  
 :  
 A B C  
 . ( ) (p> / )

C	B	A
/	:	/ ( )
±	±	± ( )
±	±	± (Kg)
±	±	±
±	±	±

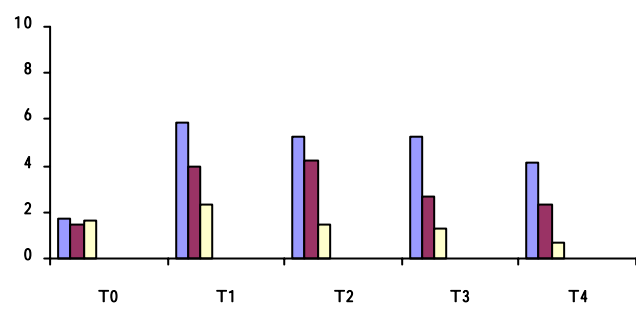
A	B	C
T0	T1	60 T2
T3	180 T4	24



A B C  
 . ( )

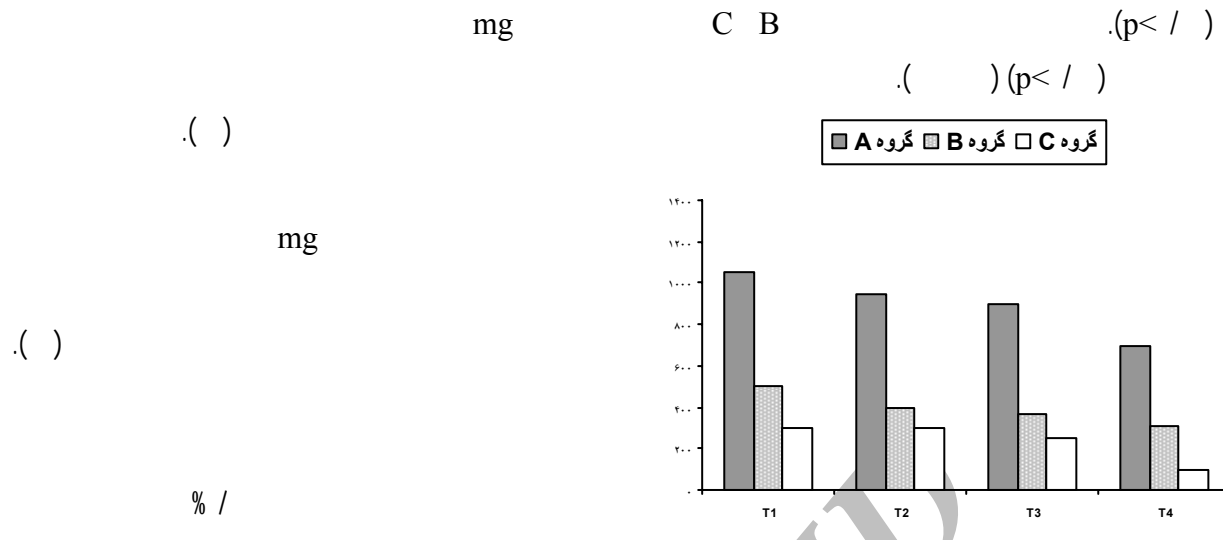
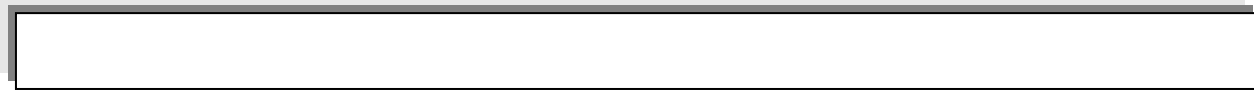
A :  
 / ± / ±  
 / ± ± B .  
 C . / ±

Group A	Group B	Group C
T0	T1	60 T2
T3	180 T4	24



± (A) I.V  
 ± B ± C  
 I.V  
 C B . (p< / )  
 . (p< / )

+



IV A

( - )

I.V

( )  
( )

Archive of SID

( )

µg

( )

I.V

<sup>2</sup> Wang  
<sup>3</sup> Montgomery & Campbell

I.V

\*\*\*\*\*

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