

*

600

278

322

%5-%4

%15-%12

1

1

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The Relation Between Dental Anesthetic and Puls and Blood Pressure

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Abstract

The purpose of this study was to investigate the relation between dental anesthetic and pulse and blood pressure.

A sample of 600 patients was taken randomly
(322 males - 278 females).

The research was done on patients by giving dental anesthetic with and without adrenaline .

The results of the study indicated that:

- The heart rate and blood pressure of the patients receiving an injection of xylocaine without adrenaline increased by average of 4% -5% respectively.
 - The heart rate and blood pressure of the patients receiving an injection of xylocain with adrenaline increased by average of 12%-15% respectively.
 - the heart rate and blood pressure were mesured after 15 minutes we found that there was not any change in the value from the previous result.
 - when the heart rate and blood pressurewere mesured after 30 minuts hour we found that:
 - The heart rate and blood pressure returned to the normal value in case an injection without adrenaline .
 - in case an injection with adrenaline the heart rate increase by 1 puls The blood pressure l increased by 1 cm.m.
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purpose of study :

(11) .

(11).

:

puls :

(11).

(11).

(11) :

:

140-130

90

80

70-60

80-70

60

blood pressure monitor : -1
model Ws-320

(4) hypotension :
-2
xylocaine2%
1\80000 :
- -1
(11)
sample : -2

600 (5.7) anesthesia :
(7) anesthetic :
45

(8.9) adrenaline
322
-20 278
65 materials and :
14, 31 methods
materials :

45	600
31	322

14

278

:

5

80-70 -1

15-13 -2

-t

-70

78-73 75

220

..		2005 -	-	-
		-2	-13	-2
9			16-14	15
	%12			-
	3		:	
		%.15		-1
			75-70	
			84-79	
				-2
			18-16	15-13
		-3		
	:			-
			:	
		-4		-
1			1	
.	1		1	
"		-5	:	
				-1
	9		3	
			%.4	
		%.5		1



-6

-3

-7

-8

-4

lus wilson

1999

-5

%8

.(10).%10

:

-6

-1

-2

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