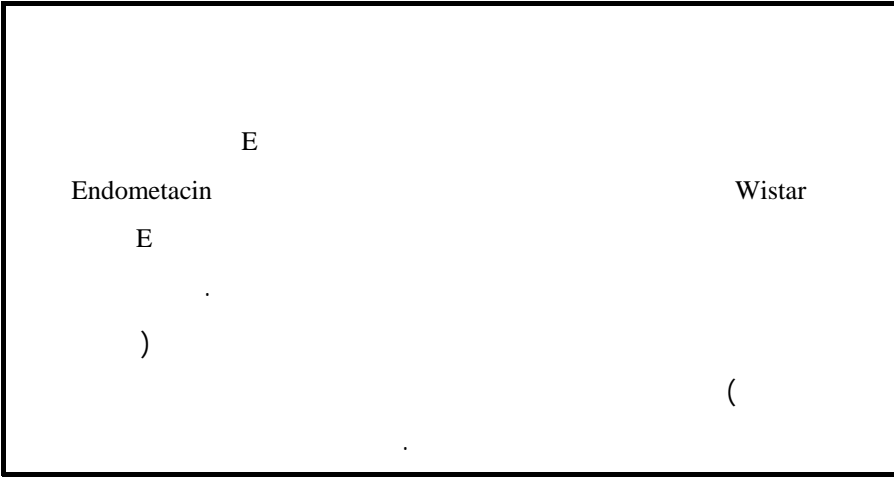

تأثير البروستغلاندين

(E1 + E2) E

في التهاب الأنسجة حول السنينة

*



Effect Of Prostaglandins E (E1 + E2)

- *

On The Paradontitis

Ibrahim Haddad*

Abstract

Experimentally induced inflammation of the gingiva of wistar rats Shown remarkable increase in prostaglandins E. Adminstration of endometacin drug at the stage of acut inflammation has led to a dicrease of prostaglandins E level in the gingiva and the improvement of the periodontal inflammation and the general state of the animal .

This research has proved the importance of increasing biosynthesis of prostaglandin E (and consequently the increase of prostaglandin E in the gingiva) in the begening and development of periodontal inflammation , in addition to the importance using prostaglandins synthesis inhibitors in the treatment of this disease .

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[23] Salvi
(PGE2) E2
Prostaglandins
Endocrine Hormones

(-) Wistar [27, 21, 20, 18,
.10, 4, 2]

Oleum
%) Terebinthina Biosynthesis
.[8,7,6,3] (

. Ether [28, 20, 2]

Decapitation
Hexinalium [14]

Fixate E
[29,20] Mediator

Citric Acid Paradentium
(-) (pH=3.9)
.[17]

/ E
/ / [12]

(pH=3.9) % Alveolar Bone
) [17]

(

) Gingivitis Sedimentation
(Oleum Terebinthina -) Supernatant
.[6] . () E
: Radio - Immunoassay
: (Clinical Assays)
E .[18,16,8] USA
()
E % ,)
(

P	N		E	
			Control	
P<0.001	+		\pm	+
P<0.001	+		\pm	+
P<0.05	+		\pm	+
	+		\pm	+
	+		\pm	+

E

/

:

()

E

E

:

E

()

:

E

%

:

:

//

P	N		E	
			Control	
P< 0.05	+		\pm	+
P< 0.05	+		\pm	+
P< 0.05	+		\pm	+
P< 0.01	+		\pm	+
P< 0.01	+		\pm	+

E E

()

:

()

:

()

()

E

E

()

()

() E

E

:

E

()

Vasodilatation

/ /

()

[29, 21, 18, 10]

[27]

()

()

[29, 2] Mast Cells

Resistance

E

Erythrocytes

[4]

Hemoglobin

()

[11,9]

()

E

[9] A2

)

.(

[28, 20]

() E

Ketorolac

[15]

Tromethamine

PG

[22]

E2

(E2

) Pge2

[13]

(E1+E2) E

)

(

)

{24, 20] Endometacin

(

/

\pm) %

/

(

\pm

)

(

.()

P<0.05

Wistar

(/)		(/)	
+ , -		+	

-



Nonsteroid
 (Naid) Antiinflammatory Drugs

%

E

Ferments
 .[25]

(-)
 (-)

.[29]

E PGE2
 Alpha -
 .[19] Dipfluromethylornithine
 E

() E

E .[17,12] Osteoclasts
 PGE
 C19

E

.[26]

(E1+E2) E

-

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