





( )

(.)

(.)

( )

(.)

(.)

( )

( )

A

I

( )

:

Archive of SID



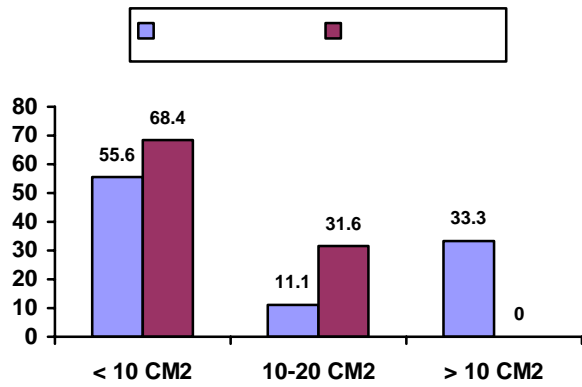
( )% : %  
 ( )% :  
 ± :  
 / ( )  
 % / ± / % /  
 /  
 ( )

SPSS

( )	( )		
	±	±	
X <sup>2</sup> = /			
p= /			
X <sup>2</sup> = /	:	:	
p= /	:	:	
X <sup>2</sup> = /	< cm	< cm	(cm)
p= /	cm	cm	
	> cm	> cm	
X <sup>2</sup> = /			
p= /			

% / /  
 % /  
 % / / ± /

% /



% /

( ) % /

( )

( ) (p= / )

% /	% /	% /	% /	% /	% /
% /	% /	% /	% /	% /	% /

p= / X<sup>2</sup>= /

( )

%	%	%	%	%	%
%	% /	% /	% /	% /	% /

p = / X<sup>2</sup>= /



.( ) (p= / )

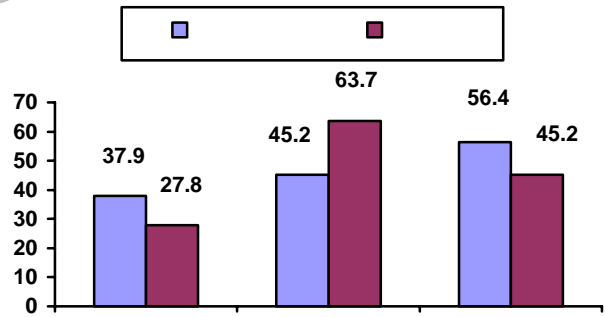
% /	% /	% /	
%	% /	% /	

p= /

X<sup>2</sup> = /

(p= / )  
(p= / )

( )  
( )



(db/db)

% /

% /

%

( )

(p= / )

% /

. ( )

. ( )

. ( )

% /

PT

( )

( )

:  
% / % /

Archive of SID

---

<sup>1</sup> Hung  
<sup>2</sup> Basuk

## References:

- 1-Clark R.A. Mechanisms of cutaneous wound repair .In: Freedberg IM,Eisen AZ,Wolff K,et al. Fitzpatrick's Dermatology in General Medicine. New York: McGraw-Hill; 1999, 1: 326-7.
- 2- Kaitia C, Ongenaes and Tania J. leg ulcer and wound Healing. In: Arndt KA, Leboit PE, Robinson JK, et al: Cutaneous medicine and surgery. Philadelphia: WB Saunders Company; 1996: 558 – 67.
- 3-McGrath J.A,Breathnach S.M. Wound Healing. In: Burns T,Breathnach S,Cox N.H et al.Rook's Textbook of Dermatology.Vol 1.7<sup>th</sup> ed.Blackwell science; 2004: 11- 2.
- 4- Tarnow P,Agren M,Steenfos H, et al. Topical zinc oxide treatment increases endogenous gene expression of insulin – like growth factor 1 – in granulation tissues from porcine wounds. **Scand J Plast Reconstr Surg**. 1994; 28 (4): 255-259.
- 5- Taylor TV, Rimmer S, Day B. Ascorbic acid supplementation in the treatment of Pressure – Sores. *Lancet*; 1974; 1 (2): 544-546.
- 7-Martindale.The complete Drug Reference.Vol 1.32th ed.London:Pharmaceutical Publisher; 1999: 358.
- 8- Menezes J,Rajendran A,Jacob AJ,et al. the use of topical phenytoin as an adjunct to immobilization in the treatment of trophic Leprosy Ulcers. **Southeast Asian J Trop Med public Health** 1993 Jun; 24 (2): 340-342
- 9- Modaghegh S,Salehian B,Tavassoli M,et al. Use of phenytoin in war and non-war wounds. A pilot study of 25 cases. **Int J Dermatol** 1989 Jun; 28(5): 347-350.
- 10- Muthukumarasamy MG,Sivakumar G,Manuharan G. Topical phenytoin in diabetic foot ulcers. **Diabetes Care** 1991 Oct, 14 (10):909-911.
- 11- Rhodes Rs, Heyneman CA,Culbertson VL,et al. Topical Phenytoin treatment of stage II decubitus ulcers in the elderly. **Ann pharmacother** 2001 Jun; 35(6): 675-681.
- 12-Pendse AK,Sharma A,Sodani A,et al. Topical phenytoin in wound healing. **In J Dermatol** 1993 Mar; 32 (3): 214 –217.
- 13- Hung VC, Lee IY, Zitelli JA,et al. Topical Tretinoin and epithelial wound healing. **Arch Dermatol** 1989 Jan; 125 (1): 65-69.
- 14-Basak PY,Eroglu E,Altuntas I, et al. Comparison of the effects of tretinoin , adapalene and collagenase in an experimental model of wound healing. **Eur J Dermatol**. 2002 Mar - Apr; 12(2): 145-148.
- 15- Coopman SA, Garmyn M, Ganzalez- Serva A. Photodamage and photoaging. In: Arndt KA, Leboit PE, Robinson JK. Cutaneous Medicine and Surgery. V1. 4th ed. Philadelphia: WB Saunders CO; 1996: 733-750.
- 16- Paquette D,Badiavas E,Falanga V. Short-contact topical tretinoin therapy to stimulate granulation tissue in chronic wounds. **J Am Dermatol** 2001; 45 (3): 382-386.
- 17-Wysocki A.B.Decubitus ulcer. In :Freedberg IM,Eisen AZ,Wolff K,et al.Fitzpatrick's Dermatology in General Medicine.New York :McGraw-Hill;1999, 3: 1542.
- 18- Kitano Y,Yoshimura K,Uchida G,et al. pretreatment with topical all – trans – retinoic acid is beneficial for wound healing in genetically diabetic mice. **Arch Dermatol Res** 2001Nov; 293 (10): 515-521.