

NB-UVB (311)

MACROPHAGE ACTIVITY IN THE SKIN OF PSORIASIS PATIENTS AT NB-UVB (311 NM) THERAPY V. . Babanin

SUMMARY

There were researched 55 psoriasis patients. Patients were divided in two groups. Group 1 – 27 patients who received only standard therapy and Group 2 – 28 patients who received standard and NB-UVB therapy. NB-UVB treatment was applied three times weekly. Starting UVB dose 0.1-0.3 J/cm², the mean cumulative UVB dose was 42.0 J/cm². The level of macrophage activity in skin biopsy was investigated by an immunohistochemical method on 1 and 21 days. NB-UVB therapy is linked to decline of level of CD68 expression with predominant of functionally active cells which testifies to adequacy of immune reactions and decline of inflammatory reaction.

NB-UVB (311)

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CD68 –

Th-1

LAMP ()

[1,3,10].

[1,3,8,10,12].

[3,8,10,11,13,16,18,21,22].

[6,14].

[17].

[2,4,12,15,22].

[4,6,7,14,15,19,20].

28 -

21-24 -

[15, 14, 20]. -

NB-UVB (narrow-band ultraviolet-B, 311 nm), -

[9]. -

() -

[17] -

3-5 , -

[1, 7, 19, 22]. -

(«Menzel-Glaser»,) -

DAKO CD68 -

(Clone PG-M1, 1:50) -

[7, 22]. EnVision™ FLEX+, Mouse, High pH (Link), Code -

K8012 DAKO. -

CD68 -

NB-UVB (311 nm) [7, 19, 22]. -

5 -

NB-UVB 200. -

1 2 . -

OLYMPUS C 5050Z, «Olympus CX-41». -

55 -

« » « » -

«MedStat» (MS0011) -

« » , -

W -

W- -

312 08.05.2009 . -

2 -

1 27 [5]. -

; 2 -28 -

NB-UVB (311 nm) -

NB-UVB Series X311-8 (: HO 5048- -

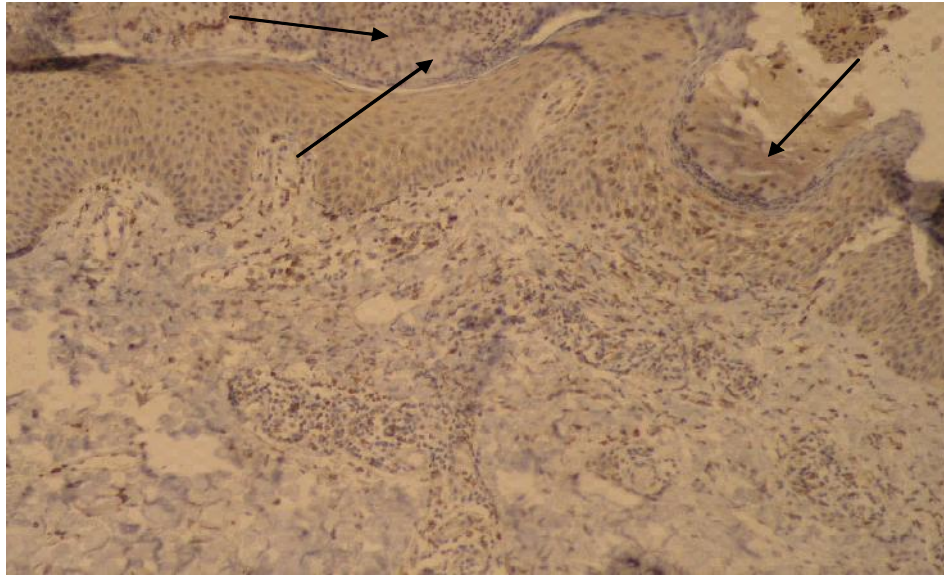
SNBX-0008, : Flex) -

Daavlin, . NB-UVB (311 nm) 3 -

0,1-0,3 J/cm² 30 -

60 J/cm². -

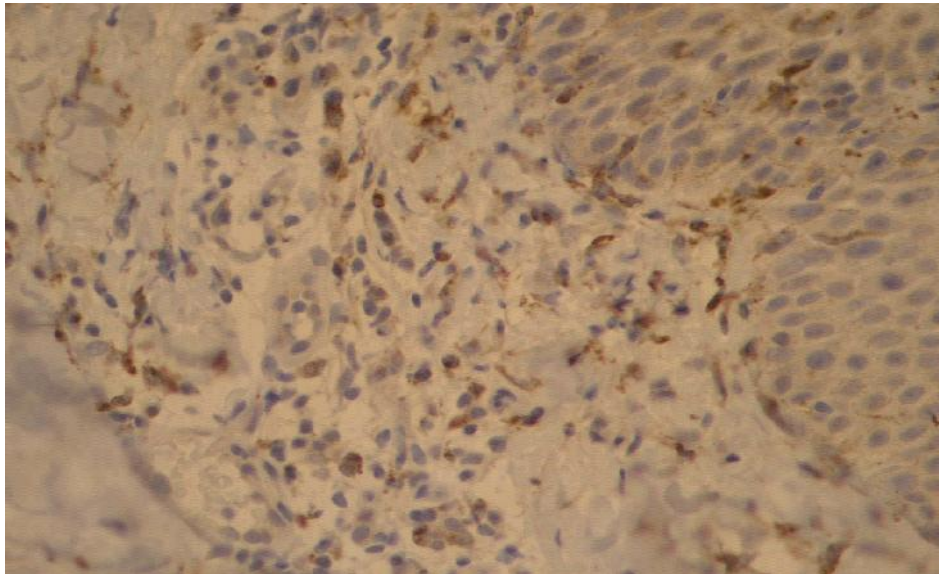
CD68 / -
 . CD68- -
 , , -
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 1 - , , -
 (.1).



.1. .1 .1 .1 . CD68
 , . ().
 FLEX. .4.
 CD68- - .1 -
 89,04±1,40* 1 - -
 88,61±1,77* 2 , - 2 -
 (11,60±0,52). - . -
 - 1 -
 CD68 2 - -
 : 1 - - 2:1, -
 2 - - -
 , - (.1, .2). -
 CD68-
 1 21

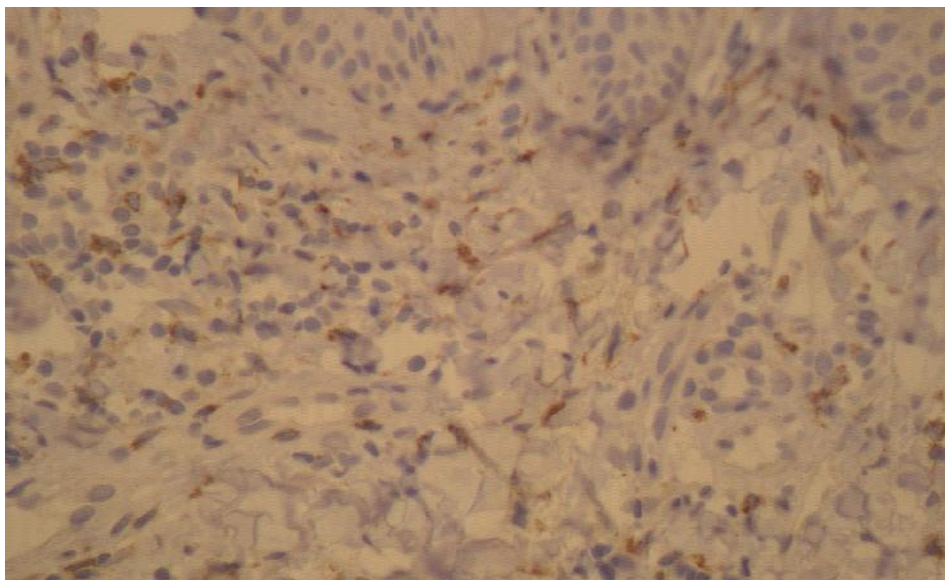
CD68	(n=10)	1 (n=27)		2 (n=28)	
		1	21	1	21
	6,50± 0,34	58,93± 1,27*	39,70± 1,55*#	55,39± 1,68*	17,36± 0,65*#
		P<0,01		P<0,01	
	5,00± 0,42	30,11± 0,97*	29,15± 0,88*#	33,21± 1,24*	21,54± 0,72*#
		P>0,05		P<0,01	
	11,60± 0,52	89,04± 1,40*	68,85± 1,93*#	88,61± 1,77*	38,89± 1,15*#
		P<0,01		P<0,01	

:* - 1, 2 21 (P<0,01). (P<0,01); # -



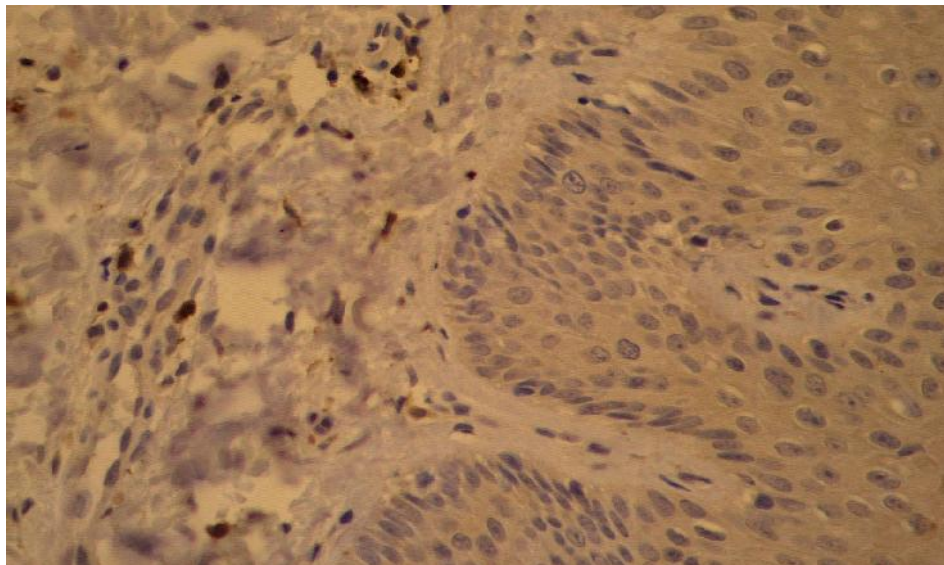
.2. .1 .1 . CD68
FLEX. .40 .

NB-UVB (311) -
21 -
- 1 CD68,
- 2 - 38,89±1,15. 68,85±1,93,
-
- (.1,
- .3).



.3. .1 .21 . CD68
FLEX. .40 .

CD68 1 , 1,3 (39,70±1,55
- 29,15±0,88 CD68)
- 2 , ,
- , 1,2
- (.1, .4).



.4. .2 .21 .40 . CD68
FLEX.

1. NB-UVB CD68-
2. NB-UVB
3. NB-UVB
[7,19,22] NB-UVB (311)
CD68- NB-UVB
NB-UVB (311) 1. / . . //
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2.

3.): .. - . - ,2003.-119 . / .
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4. . .
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5. . .
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6. . .
 (CD68)
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7. . . (311)
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8. . .
 (308) : . . - . .
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9. . .
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