



...

( )

( )

	RAS	(RAS)	:
RAS			
(OPV)			
RHS	OPV		(RHS)
OPV			RAS
			RAS
	OPV	RAS	:
(p= / )		OPV	% :
% / OPV %	(p= / )	% / OPV	%
		(p= / )	
	RAS	OPV	:
			:

: RAS (.)

RAS %

( ) RAS

(RAS) (.)

(.) % "

RAS

A2 HLAB12

(.) %

RAS: Recurrent Aphthous Stomatitis



RAS

(.)

OPV

RAS

(.)

I

II (RHS)

III ( OPV) ( )

IV ( )

(.)

RAS

(OPV)

RAS

OPV

RAS

( )

) CBC (

( )

SPSS

% /

/ ± /

%

%

/ ± /

RHS: Recurrent Herpes Simplex  
 OPV: Oral Poliovirus Vaccine

/

/		/		
/		/		
/		/		
/		/		
/		/		
/		/		
Z= / p= /				

(p= / ) (p= / )

/ ± / / ± /

/ ± /

/ ± /

% / % /

(p= / ) (p= / )

(p= / )

% /

% / % / % /

(p= / p= / p= / p= / )

% II % /

% / IV % / III

IV % / III

(p= / )

(p= / )

OPV

/				
/				
/				
/				
Z= / P= /				

%

(p= / )

% /

/ )

(p=

%

( ) % /

(Z= / p= / )

%

( )

(Z= / p= / )

IBD

CD4 ) HIV



MAGIC ( )  
 FAPA }  
 { ( )  
 RAS RAS  
 (CD10)B CD8 CD4 RAS B12  
 CD4  
 NKC RAS ( )  
 ( )  
 RAS ( )  
 B T RAS  
 EBV ( )  
 RAS ( ) HSV6  
 RAS ( )  
 OPV ( ) ( )  
 RAS  
 OPV  
 (RHL) RAS RAS RHL ( )  
 OPV RHL OPV  
 ( ) ( )  
 OPV RHL OPV  
 OPV RHL  
 RAS RAS  
 RAS  
 %  
 ( ) %

---

Natural Killer cell

---

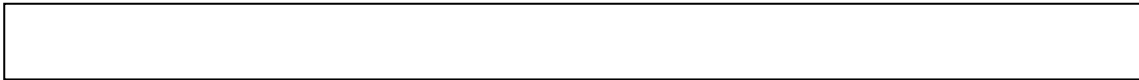
RHL : Recurrent Herpes Labialis

Archive of SID

\*\*\*\*\*

**References:**

- 1-Freedbreg I.M., Eisen A.Z., Wolff K. et al: *Dermatology in general Medicine*. New York, McGraw – Hill, 1999; 1330-31.
- 2-Eisen D., Sexton J.: Disorders of oral mucous membranes. In: Arndt K.A., Leboit P.E., Robinson J.K., et al (eds): *Cutaneous medicine and surgery*. Philadelphia Saunders, 1996; 1330 –31.
- 3-Rogers R.S.: Recurrent aphthous stomatitis. Clinical characteristics and associated systemic disorders, *Semin Cutan Med Surg*, 1997 Des; 16 (4): 278–83.
- 4-Arndt K.A., Bowers K.E.: *Manual of Dermatologic Therapeutics*, Lippincott Williams & Wilkins, 2002; 26-31.
- 5-Axell T., Henricsson V.: Association between recurrent aphthous ulcers and tobacco habits. *Scand J Dent Res*.1985; 93: 239-42.
- 6-Plesnik V., Machalek J.: Prevention of recurrence of herpes with poliovaccine. *Epidemiol Microbiol Immunol*, 2000 Aug; 49 (3): 103 –9.
- 7-Garrel J., Millet P., Sonneck J.M., et al: Recurrent herpes. Treatment using trivalent oral poliovaccine, *Nouv Presse Med*. 1979 Jan 6; 8(1): 47. (OPV)
- 8- :  
R-: .1163
- 9-Piskin S., Sayan C., Duruken W.: Serum iron, ferritin, folic acid and vitamin B12 levels in recurrent aphthous stomatitis. *J Eur Acad Dermatol Venereol*. 2002 Jan; 16(1): 66-7.
- 10-Weusten B.L., Van de Wiel A.: Aphthous ulcers and vitamin B12 deficiency. *Neth J Med*, 1998 Oct; 53(4): 172-75.
- 11-Merchant H.W., Gangarosa L.P., Glassman A.B., Sobel R.E.: Zinc sulfate supplementation for treatment of recurring oral ulcers. *South Med J*, 1977 May; 70(5): 559-61.
- 12-Riggio M.P., Lennon A., Ghodrathnama F., et al: Lack of association between streptococcus oralis and recurrent aphthous stomatitis. *J Oral Pathol Med*, 2000 Jan; 29(1): 26-32.
- 13- :  
: .
- 14-Katz J., Chaushu G., Peretz B.: Recurrent oral ulceration associated with recurrent herpes labialis – two distinct entities? *Community Dent Oral Epidemiol*. 2001Aug; 29(4): 260 –3.
- 15-Pedersen A.: Acyclovir in the prevention of severe aphthous ulcers. *Arch Dermatol* 1992 Jan; 128(1): 19-20.
- 16-Pizarro A., Navarro A., Fonseca E., et al: Treatment of recurrent aphthous stomatitis with pentoxifylline. *Br. J. Dermatol*, 1995; oct; 133(4): 659 – 660.
- 17-Xiang X., Liu J., Li.: Cytomegalovirus infection and the changes of T-lymphocyte subsets in RAU patients. *Zhonghua Kou Qiang Yi Xue Za Zhi*, 2000May; 35(3): 212-4.
- 18-Sistig S., Cekic., Arambasin A., Rabotic S., et al: Natural immunity



- in recurrent aphthous ulceration. J. Oral Pathol Med, 2001 May; 30 (5): 275 –80.
- 19-Guranska N., Lewkowicz P., Urbaniak B., et al: The assessment of effectiveness of the shark liver oil in RAS treatment. Clinical and immunological studies, Pol Merkuriusz Lek, 2001sep; 11(63): 233 –8.
- 20-Brozovic S., Vucicevic-Boras V., Mravak-Stipetic M., et al: Salivary levels of vascular endothelial growth factor (VEGF) in recurrent aphthous ulceration. J. Oral Pathol Med , 2002 Feb; 31(2):106 –8.

Archive of SID