

// ( )  
/ / , ,

(VEMP)

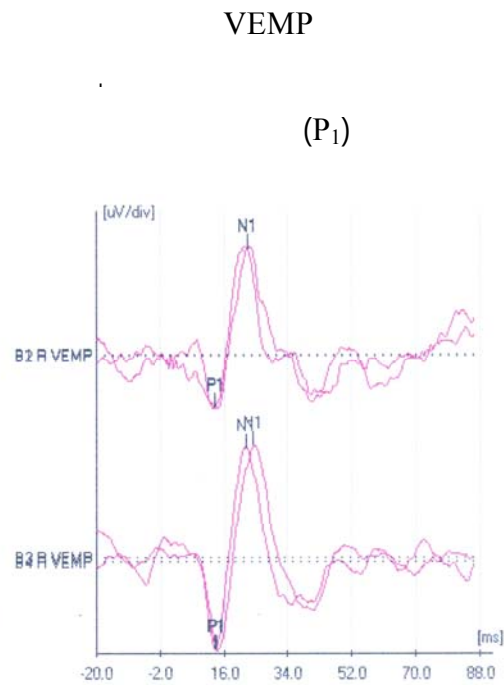
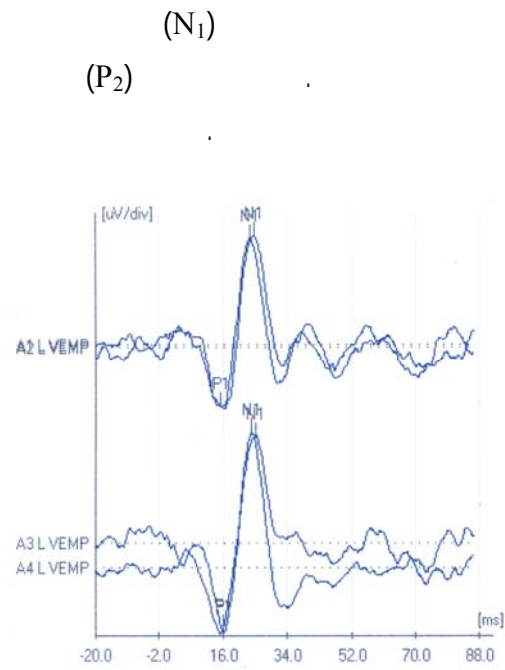
\*

(EMG) (VEMP) :  
(SCM) -  
( - ) VEMP ,  
VEMP - :  
-  
VEMP - :  
- VEMP dBnHL  
Hz -  
VEMP  
VEMP :  
Hz -  
- :  
-

( )  
( ) ( )  
VEMP .( )

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|                |                                |      |      |
|----------------|--------------------------------|------|------|
| /              |                                |      |      |
| VEMP           | (                              |      |      |
| ENG/           | )                              |      |      |
|                | (                              |      |      |
| VEMP           | .( )                           |      |      |
|                |                                | mmHg |      |
|                | .( )                           |      | mmHg |
| VEMP           | ( mmHg)                        |      |      |
|                |                                | mmHg |      |
|                |                                | VEMP |      |
|                |                                | EMG  |      |
|                | .( - )                         | VEMP |      |
|                |                                | VEMP |      |
|                | ( )                            |      |      |
|                | ( )                            |      |      |
| ( / ± / )      |                                |      |      |
|                | VEMP                           |      |      |
|                |                                |      |      |
| Bio-Logic      | AEP                            | VEMP | -    |
|                | AEP System 580-NAVPRO          |      |      |
| / Hz ( )       |                                | .( ) |      |
|                | ( )                            | -    | VEMP |
| / )            |                                | ( )  |      |
| / dB nHL (     |                                | .( ) |      |
| - Hz           |                                |      |      |
|                |                                |      |      |
| P <sub>1</sub> | P <sub>1</sub> -N <sub>1</sub> |      |      |
|                | N <sub>1</sub>                 | )    |      |



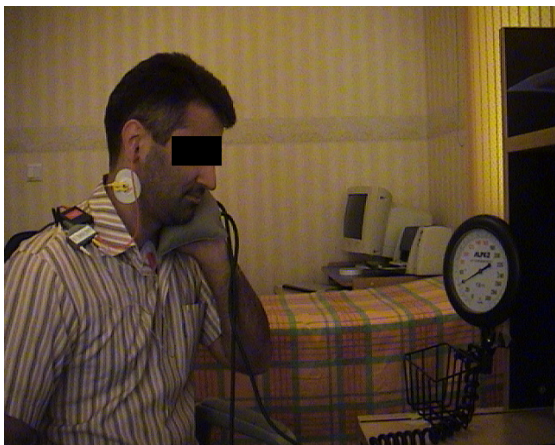
dB nHL

VEMP

-

) SCM

(



SCM

(

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SCM

-

SCM

SCM

.( )

( )

- )

(

) VEMP

-

SCM

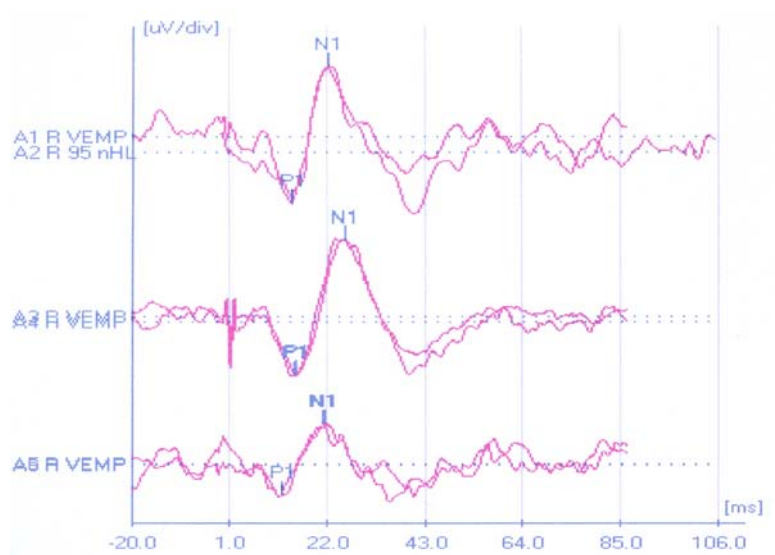
-

( SCM

) SCM

(

$P_1-N_1$  SPSS 12  
 $(\quad \pm \quad)$   $(\quad)$   
 $(\quad \pm \quad)$   $(\quad \pm \quad)$   $P < \quad$   
 $(\quad)$   
 $P_1-N_1$   
 $(P = \quad)$  VEMP  
 $(P = \quad)$  )  
 $(P = \quad)$  dBnHL  $(\quad)$   
 $(\quad)$



dB nHL VEMP -  
 SCM

$\quad \pm \quad$   $\quad \pm \quad$   $P_1$   
 $\quad \pm \quad$   $\quad \pm \quad$   $P_1-N_1$   $N_1$   
 $N_1$   $P_1$  VEMP  
 $(\quad)$   
 $(\quad : P_1$   $N_1$   $P_1$   
 $(\quad$   $\quad \pm \quad$   $\quad \pm \quad$

VEMP

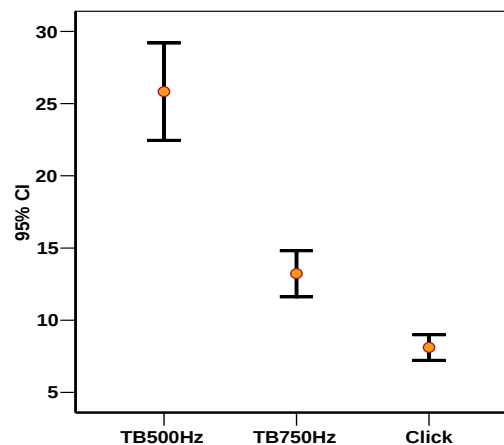
( :  $N_1$

VEMP

VEMP ( )

VEMP

( )



VEMP

VEMP

( )

dBnHL

$N_1$   $P_1$

VEMP

( $N_1$   $P_1$ ) VEMP

( - )

( )

( )

( )

( )

( )

SCM

)

VEMP

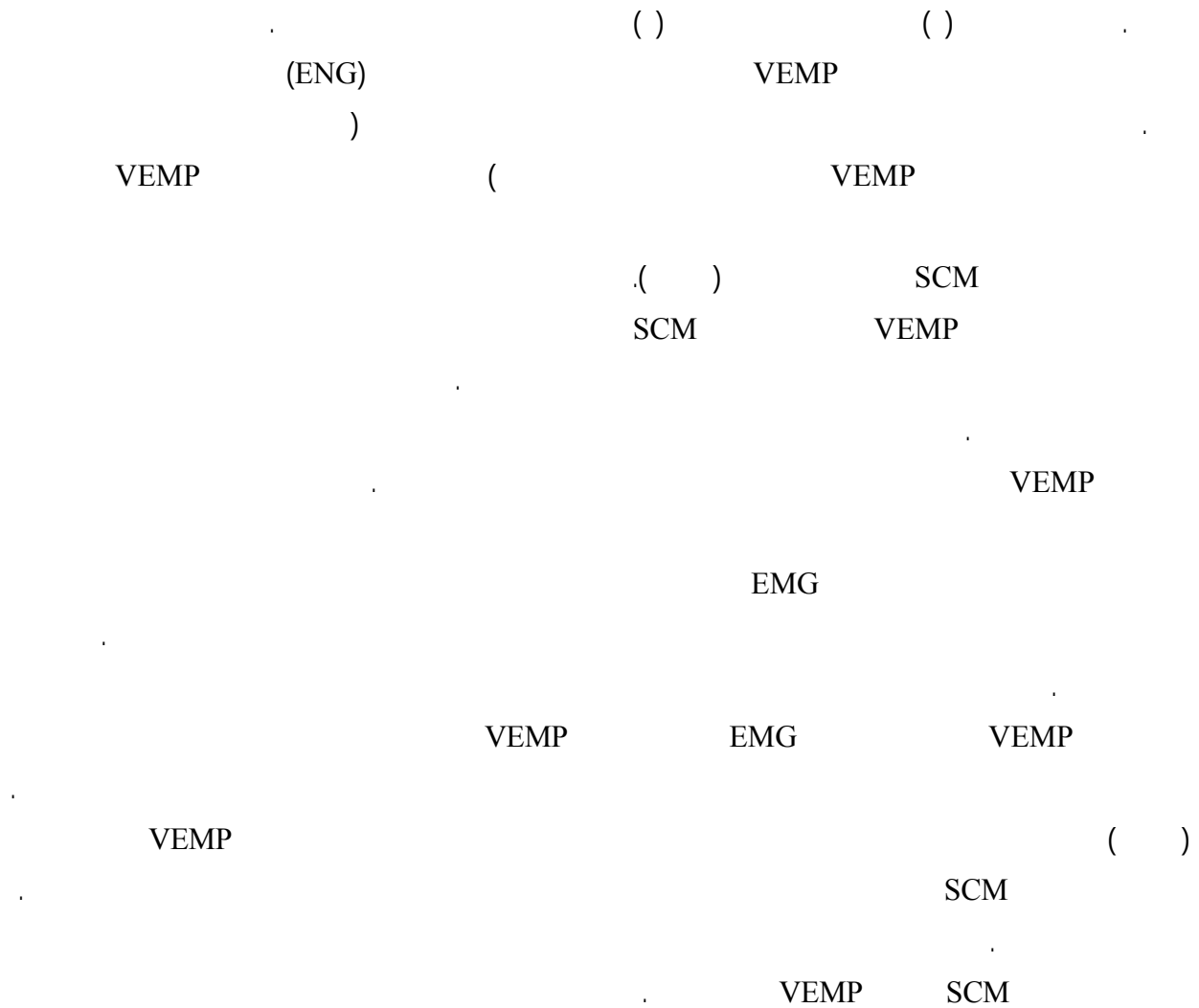
VEMP

(

VEMP

VEMP

( )



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