

이비인후과 분야

Medical Criteria for Evaluation of Degree of Disability Including Industrial Injury - Otolaryngology -

2가 82 - 1

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Abstract

The criteria for evaluating permanent impairments resulting from principal dysfunction of the ear, nose, throat, and related structures are uncertain in our country. However, our government is now striving to build up a welfare state with upgrading the law of industrial accident insurance. The author assess permanent impairment ratings of these structures by evaluating losses in structures or the following functions : hearing; equilibrium; respiration; mastication; olfaction, and taste; speech and voice; and the effect of these losses on the ability to perform activities of daily living. Impairment criteria were adapted from the literature, law and ordinances in our country.

**Keywords : Handicap; Impairment; Guideline;
Industrial accident**

: ; ; ;

1. 3,000 Hz

(6).

가 (120 dB)

(4, 6, 7).

(2).

가

40

33

3 3~7 3

(3).

가 500 Hz, 1,000 Hz, 2,000 Hz, 42

4,000 Hz 6

0~100 dB (1, 6~8).

bel (1, 2, 5, 10, 15, 20 feet)

dB feet

(2, 10).

85 가

가 (10).

dB 3

1978 6 (12).
 가 , 가 ,
 30 가 , 가 (12).
 30 (electroneurogra-
 30 60 30 phy), (nerve excitability test),
 20 , 1 (electromyography), House - Brackmann
 0.5% 가 . grade
 16~
) 25% 50 18% ,

$$25\% + 25 \times \frac{(50 - 30) \times 0.5}{100} = 27.5\%$$
 0%, 50%
 30%, 50%
 2000 11 5 70%, 100%
 , 13 , 가 가 , 가
 , 가 가
 가 (12).
 가 (8, 9) 15~35% 가
 42

2.

가 . 가
 , (4 ;
 p351) 1~4%,
 1~4%, 5~19%,
 5~19%, 20~45%
 , , , (1).

3.

가
 가 .

(electronystagmography) , , 가 (5) 42
 , , , , , 3 14 .
 , , . 3 5 3
 (rotating chair test), (posturo- graphy) 가 , 10
 가 , 5
 ,
 . (ataxia) (8, 9)
 (locomotor paraplegia)
 , , , 4. ,
 가
 10%, 30%, 70%,
 100% . 5% 가 10%
 8 . 가
 5 (12)
 • Class 1 : 0%: 12 (9)
 가 . 6 5 .
 • Class 2 : 1 ~ 10%:
 가 .
 1.
 , ,
 가 , ,
 • Class 3 : 11 ~ 30%: 가 .
 .
 가 ,
 가
 • Class 4 : 31 ~ 60%: 가 , CCCRC test, University of Pennsylvania
 가 Smell Identification Test(UPSIT), Odorant confu-
 • Class 5 : 61 ~ 95%: 가 , sion test, T&T olfactometer .
 가 .

가 가 .

1~3% .

3% 가

9 5 1. ,

가 40%, 12 12 가가

15%, 14 9 ,

5% , ,

가, MRI, CT

가 .

가 (1).

2. 5

가

가

7% .

class 1~5

0~90%

가

class 1 2 0~10% 11~29% 가 가 ,

(12). 가 ,

12 12 ,

(5~7) (5~7).

12 , 14 가 .

audibility : level

intelligibility :

functional efficiency :

3. voice quality,

pitch, melodic variation .

33

PNS CT

3.

가

가

.

가

(2, 3).

5~15%

4

1 0~5%,

2 5~10%,

3 10~15%,

4

(12).

15~35%

1

가

2

CT, MRI Pulmonary function test, Bron-

choscopy, Acoustic rhinometry

, 3

(stenosis)

, 4

(occlusion)

가

7 12

, 7 1

0.6

(4).

(diversion)

T - tube

(trachea cannula)

tube

가

가

가

9.3.b table 5 1~5

5 90%

1

0~10%,

2 11~29%,

3 30~49%,

4

50~89%

(12).

4.



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