

**How to write medical papers in English**

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4. (whether). (which, what, how )

“ whether ” (which)

“ whether ”

가 .

) We did experiment to determine whether beta adrenergic agents increase lung liquid clearance in anesthetized intact adult sheep.

We used an experimental model to decide which material to use for tissue augmentation.

5.

,

.

1.

. 가

.

) “ Data are summarized as mean  $\pm$  SD. ”

2.

.

) Animal dog. cat

.

3.

.

) 100 가 20 80 30

.

In 30 of 80 subjects, we tested ...

Of the 80 subjects, 30 were given ...

30 가 In 30 other subjects, we tested ...

Thirty other subjects were given ... .

4.

가 .

가 , , , , .

) nitroglycerin (10 mg)

10 mg nitroglycerin

5.

. measure, calculate, estimate

,

(determine)

.

) We measured heart rate and ventricular pressure and calculated maximal positive  $dP/dt$ .

We determined heart rate, ventricular pressure, and maximal positive  $dP/dt$ .

6.

“ we ”

. “ We ”

,

.

) We dehydrated the pellets, cleared them with propylene oxide and embedded small pieces of each pellet in blocks of Spurr's resin.

“ We ”

,

,

.

) After 30s we centrifuged the samples.

Then we centrifuged the suspension as before.

,

.

) We extracted RNA using the method of A, and cDNA was prepared with transcriptase. (x)

We extracted RNA using the method of A, and prepared cDNA with transcriptase.(O)

7.

International System of Units(SI unit)

.

**(results)**

1.

.

2.

“ compared with ”

“ than ”

.

- ) X increased compared with Y. (x)
- X was greater than Y. (O)
- X increased more than Y. (O)
- X increased, but Y was unchanged. (O)

3. . (ability) (actuality)

) : We could not demonstrate high-affinity, low-capacity DHE binding sites in heart particulates prepared from three adult sheep.

: There were no high-affinity, low-capacity DHE binding sites in heart particulates prepared from three adult sheep.

\* significant

4.

57†

- 1) 2)
- 3) 4)
- 5)

) Blood flow was redistributed more toward the right ventricle than toward the left ventricle [ $26.3 \pm 2.9\%$  (SD) vs.  $19.5 \pm 1.5\%$  in 6 lambs; 95% confidence interval for the difference = 3.8% - 9.8%.  $<0.01$ ].

$p$ -value (  $p=0.0027$ ).  $p$ -value†

"n = 16"

) in 16 rabbits from 3 experiments

## (discussion)

1.

1)

Our results indicate that alterations in glycosylation of IgE-binding factors expressed

from a single cloned gene result in different biological activities of the factors.

2)

IgE-binding factors from carbohydrate-deficient cells suppressed an in vitro IgE response, whereas factors from untreated cells potentiated the IgE response.

Find "found" "findings"

3)

No close relationship was found.

4)

In this study, we found that the gene coding for the precursor of the human prptide hormones VIP and PHM-27 is 9 kb long and consists of seven axons.

show indicate .

5) The study shows the answer. The results indicate the answer.

2.

Prove, Demonstrate, Document: 가

Show, Indicate, Find : .

Suggest, Imply : .

Speculate : .

. .

, 가 가 가

- Can: , 100% .

) This study in newborn goats demonstrates that continuous positive airway pressure (7.5 cmH O) can impair renal runction in newborns.

- Will : , .

- Would, Should : , (implications speculations)

-May, Could, Might :

) We suggest that hypoventilation of the occluded lung could be the cause of the tendency to alveolar collapse.

3.

4.

(subtitle)

key word

5.

(Conclusion) · (Summary)

가

(가 )

가



가

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