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ONLINE ISSN : 1880-1404

PRINT ISSN : 0916-717X

## Biomedical Research on Trace Elements

Vol. 19 (2008) , No. 1 13-21

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### Difference between Appropriate Amount of Trace Element for Long Term Enteral Nutrition and Dietary Reference Intakes 2005

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(Received: February 15, 2008)

(Accepted: March 8, 2008)

#### Abstract:

There is a possibility that long term enteral nutrition will cause trace element deficiency. On "6<sup>th</sup> revision", contents of trace element was adopted for the first time. Cu1. 4-1.6, Zn10-11mg, Se40-50 $\mu$ g per day. Our research showed the result that Cu0.5-1.0mg, Zn10-15mg, Se50 per 1000 kcal are enough to maintain serum level." Dietary Reference Intakes(DRI) for Japanese, 2005 "recommends that Cu0.7, Zn7mg, Se25-30 per day. 2005 is a standard for normal person. Trace elements such as Zn, Se will not enough for patients under long term enteral nutrition, if we follow this standard. So, we need to make another standard.

**Key words:** enteral nutrition, trace elements, copper, Zinc, Selenium, Dietary Reference Intakes for Japanese, 2005

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To cite this article:

Kiyoshi Wakugami, "Difference between Appropriate Amount of Trace Element for Long Term Enteral Nutrition and Dietary Reference Intakes 2005", Biomedical Research on Trace Elements, Vol. **19**, pp.13-21 (2008) .



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