

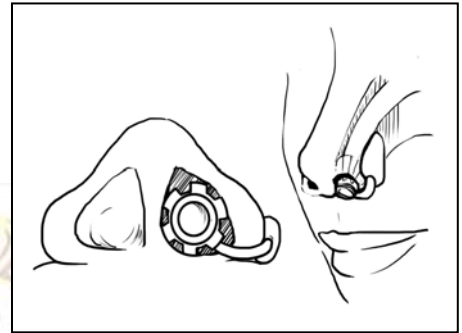


## 把鼻胃管切剪斷、固定、再使用之裝置

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2008/08 至 2011/07 台大醫工所 教授兼任所長  
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2000/08 至今 台大醫工所 教授



### 市場及需求：

鼻胃管為用來導入或移除流質至病患體內外，該病患多為中風、昏迷，無法自行進食或容易噎到引起吸入性肺炎者。

### 技術摘要(含成果)：

欲設計一裝置，該裝置可設置於鼻胃管上，且該裝置備有切割器。當依照病人需求估量好鼻胃管置於體內之長度後，利用裝置上之切割器將裝置和鼻胃管切成兩段。鼻腔體內分部可長置於病人之鼻腔。體外餵食分部可在不餵食時拆除。

### 優勢：

本裝置可依照病人需求隨意調整留置於體內之鼻胃管長度，以減少護理人員因欲找出最佳長度軟管之過程中，多次重覆將軟管置入取出過程，此過程會對病人造成極大不適。且適宜之鼻胃管長度也將有助於達到最佳之餵食效果。

### 競爭產品：

現行市面上所使用之鼻胃管。

### 專利現況：

(1) 無

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## A new apparatus of nasogastric tube for cutting, fixing, and assemble

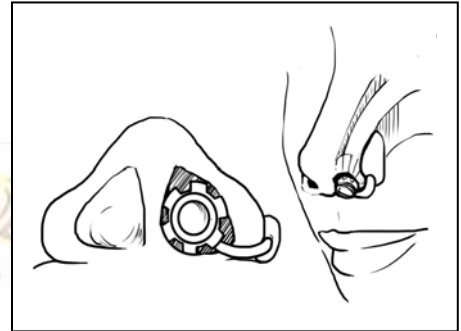
**PI :** Prof.Tai-Horng Young

Institute of Biomedical Engineering, National Taiwan U.

### **Experience:**

2000/08 -- National Taiwan U. Distinguished Professor

2008/08- 2011/07 Institute of Biomedical Engineering,  
National Taiwan U. Director and Professor



### **Market Needs:**

Nasogastric tube is used to import or remove fluids to patients, the patients mostly being stroke, being coma, eating inconveniently, or choking easily.

### **Our Technology:**

We design a new apparatus of nasogastric tube, and the apparatus is provided with a cutter. According to needs of patients, we can use the cutter to separate the nasogastric tube and the new apparatus into two parts, and the length of the nasogastric tube is controllable. One of the two parts is set at nose, and the other one is removable and assemble for feeding

### **Strength:**

The new apparatus can make the length of the nasogastric tube in the body become controllable. We can set the nasogastric tube into the body of patients easily, and the process decreases the degree of uncomfortable for patients. Moreover, the suitable length of nasogastric tube is very important for feeding and therapy.

### **Competing Products:**

Commercial products of nasogastric tube

### **Intellectual Properties:**

None

### **Contact (do not need to fill out):**

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