

# 國立臺灣大學技術行銷表

臺大案號: 96 醫 316

產學合作中心聯絡人：駱瑋蓁 電話： 3366-9945 e-mail： weichenlou@ntu.edu.tw

產品/技術名稱	預防齲齒的釋氟貼片
發明人/單位	李伯訓 / 牙醫專業學院口腔生物科學研究所
產品/技術說明	本成果為一種用於預防齲齒的釋氟貼片，對於初期的齲齒，亦有增進再礦化的功效，避免齲齒繼續擴大，侵犯到牙髓腔。成果目前在本實驗室證實 30 分鐘的貼附即具有預防齲齒的功效，並完成安全性的評估。
應用範圍	預防齲齒，兒童乃至成人皆可使用（年齡過小無法控制不要吞食者不適用）
產品/技術優勢	目前齲齒預防的方法，乃是利用氟托氟膠及含氟漱口水，兩者皆須經牙醫師製作個人氟托或開處方使用，由於大多數民眾均害怕看牙醫且上述費用所費不貲，因此普及率不高。本成果未來最大優勢乃在於 <u>價格低廉</u> ，且 <u>便利商店即可買到</u> ，普及率預期將會大幅提高。
產品/技術 智財權保護方式	專利申請中

# Marketing Abstract of NTU's Invention Disclosure

NTU's docket no: 96 醫 316

CIAC contact : Lou Wei-Chen

Tel : 02-33669948

e-mail : weichenlou@ntu.edu.tw

<b>Title</b>	Fluoride-releasing strips for caries prevention
<b>Inventor (s)</b>	Bor-Shiunn Lee/Graduate Institute of Oral Biology
<b>Brief Description</b>	<p>The effectiveness of these fluoride-containing products and the safety and convenience in the use of these fluoride-containing products are important factors, besides having good personal tooth cleaning habit. The present invention provides a simple fluoride-releasing strip for caries prevention.</p> <p>This is an fluoride-releasing strip used for caries prevention. It can enhance remineralization of incipient caries and prevent progression of caries. Experimental results showed that 30 minutes of application exhibited the effect of caries prevention.</p>
<b>Fields of Application</b>	It can be used for children and adults. Although lethal dosage will take place after swallowing more than 10 strips at one time, children that cannot control the risk of swallowing are not suggested to use this product.
<b>Advantages</b>	Currently , fluoride tray and fluoride gel are two principal methods to prevent caries. However, both methods need dentist's fabrication or prescription and the cost is not low. The price of this product will be low and it can be reached at convenient store.
<b>IP Right(s)</b>	Patent pending