

關於 植牙...

王美珊，牙科醫生

植牙，或俗稱種牙，是牙科界鑲牙的一種方法，發展至今已有約四十年歷史，過去十年間更在本港迅速發展。簡單來說植牙治療可分為：

- 手術部份：將鈦金屬植體用手術方式植入失去牙齒的牙槽骨位置，牙槽骨與植體會於兩至六個月間癒合，牙醫學上稱為「骨整合」。
- 假牙部份：當植體已鞏固在牙槽骨內，牙醫會印取牙模，在植體頂部接合基台及假牙，例如人造牙冠，牙橋或活動假牙。（圖一）

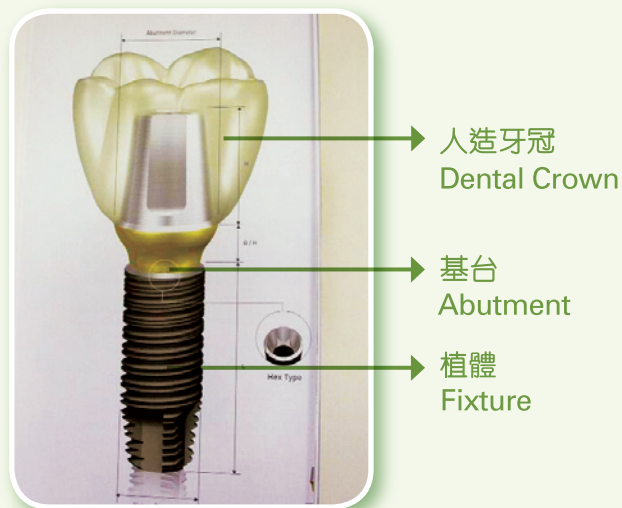
由於涉及手術部份，植牙要考慮的因素較傳統的鑲牙方法如牙橋或活動牙托為多；植牙要考慮到病人：

- 有否良好的身體健康狀況，包括有否吸煙；
- 有否良好口腔衛生；
- 牙槽骨是否健康及足夠；及
- 牙與牙之間有否足夠距離及空間。

當中牙槽骨的「質與量」對鞏固植體十分重要，但有不少病人在失去牙齒後，牙槽骨會有不同程度的萎縮。在缺乏牙槽骨時，進行植牙治療會同時需要「植骨」手術，以鞏固植體。

案 例：

42歲的李先生兒時玩耍時撞傷牙齒，失去了上顎一隻門牙（圖二），因他十分抗拒傳統固定牙橋（需要將缺牙位置兩旁的牙齒磨薄），所以30年來配戴活動牙托，令李先生感到不方便。直到兩年前，李先生接受了植牙治療（同時需要植骨手術），鑲嵌人造牙冠（圖三），從此告別陪伴他多年的活動牙托。



圖一
Diagram 1



Something about *Dental Implant...*

Dr. Debby Wong Mei Shan , Dental Surgeon

Dental implant is a type of dental prosthesis with a surgical component. It firstly appeared in dentistry about 40 years ago and grew rapidly in the dental market of Hong Kong in the past decade. Implant therapy can be simply divided into:

- Surgical part : Titanium fixture is inserted into the edentulous bone by oral surgery. "Osseointegration" between the fixture surface and the bone can be achieved after two to six months.
- Prosthetic part : After rigid fixation of the fixture into the bone, dentist will take impression, then abutment and dental crown, bridge or overdenture could be installed (Diagram 1).

Due to the surgical component, factors needed to be considered in doing the implant treatment would be more than that of the conventional prostheses:

- Does the patient have good medical health, any smoking habit?
- Does the patient have good oral health?
- Does the patient have enough alveolar bone?
- Does the edentulous space enough?

The "quality & quantity" of alveolar bone is important for the success of the fixture. But there are a number of patients present with significant bone resorption after their teeth loss. Therefore "bone graft" surgery is needed in addition to the implant surgery.

Case Sharing:

Mr. Lee, 42-year-old, lost upper front tooth after trauma in his childhood (Diagram 2). He subsequently wore a removable denture for 30 years. It is inconvenient but he is reluctant to receive conventional fixed dental bridge which needs grinding of the adjacent natural teeth. Two years ago he received dental implant treatment together with bone graft surgery (Diagram 3), and no need wearing the removable denture anymore.



圖二
Diagram 2



圖三
Diagram 3