

# INOD

## Q.P. FIBER POST PLUS

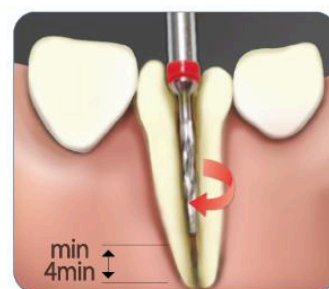
QUALIFIED PRODUCT



Step 1



Step 2

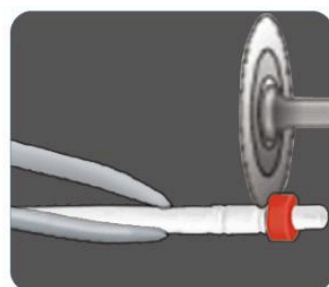


Step 3

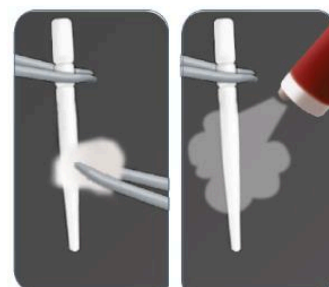
1. Root canal filled with Gutta-percha.
2. Remove root filling using selected universal drill(1000~2000rpm).  
Leave minimum 4mm of filling apically.
3. Select post size and matching drill. Use appropriate drill to widen and shape the root canal.



Step 4

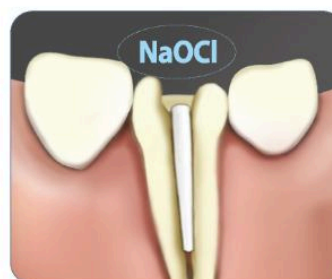


Step 5



Step 6

4. Insert post to check the fit in the prepared canal. Should be able to easily remove the post.
5. Shorten post to the required length using a diamond disk or diamond bur.
- \* Note) Do not use scissors, scalpels or similar tools since they will crush the post and ruin the structure and stability.
6. Disinfect the post with alcohol and dry it with water-free and oil-free air.



Step 7

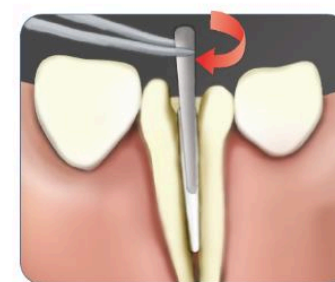


Step 8

7. Clean or disinfect the root canal with 2.5-5.25% sodium hypochlorite solution(NaOCl). Rinse immediately with water and dry with paper points.

\* Note) Do not use hydrogen peroxide(H<sub>2</sub>O<sub>2</sub>), other disinfectants, and EDTA solutions because their residues can impair the adhesion strength and curing reaction of cement.

8. Begin cement dispensing in the apical root canal. Keep elongation tip immersed in the cement initially and during the entire cement application process to avoid trapped air in the cement.



Step 9



Step 10



Step 11

9. Seat the post immediately. Twist slightly and apply moderate pressure to hold in position.
10. Apply moderate pressure while removing excess with appropriate instruments or a cotton pellet.
11. Light cure cement or allow self-cure as cement manufacturer recommendation.

Model	Diam(Ø, mm)	Point Diam(Ø, mm)	Length(Ø, mm)	Drill Diam(Ø, mm)
QPA14	1.14	0.6	20	1.14
QPA25	1.25	0.7	20	1.25
QPA55	1.55	0.8	20	1.55
QPA9	0.9	0.7	20	0.9
QPA10	1.0	0.8	20	1.0
QPA20	1.2	0.65	20	1.2
QPA40	1.4	0.75	20	1.4

(mm)

### ► Side effect

There is no special side effect.

### ► Caution :

- Avoid exposure to direct light during use.
- Avoid getting dirty.

### ► Storage condition

Keep it at room temperature.

### ► Contraindication :

It does not intend to treat children or pregnant or nursing women.

- Make sure to use diamond disk to cut.
  - Use sponge with alcohol to clean
- Prevent direct contact with water and oil.

### ► Disposal

It should be handled according to local laws and regulations.

## INNO DENTAL CO., LTD.

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SRN Number : KR-MF-000041291

EC REP

Name : S.B. PHARMA GMBH  
Address : Bunsenstr, 14 53121 Bonn, Germany  
Tel : +49(0) 228 52266916

CE  
0068

# Instructions for Use

This product is a non-metallic root canal post as a fiber post. After curing root canal, insert it into the root of a tooth in order to be easy core forming. This post is intended to protect teeth thanks to distracting stress that can effect to residual teeth supporting while recovering of artificial root canal.











**- Product Name : Non-metallic root canal post**

**- Brand name : Q.P. Fiber Post Plus Refill**

## Indicate for use

Non-metallic filler used during root canal operation to connect the root and support it.

### Explanation of symbol

	This symbol provides notification of important information. When this symbol is on a device, it refers to important information in the accompanying documents.
	This symbol is Date of manufacture
	This symbol is manufacture
	This symbol is EU representative.
	This symbol is lot number
	This symbol is use by
	This symbol is do not re-use
	This symbol is "DO NOT USE IF PACKAGE IS DAMAGED".
	Contents
	This symbol is "Consult instruction for use".

### Product Description

Model	Diam(ø, mm)	Length(ø, mm)	Drill(ø, mm)
QPA9	0.9	20	0.9
QPA10	1.0	20	1.0
QPA14	1.14	20	1.14
QPA20	1.2	20	1.2
QPA25	1.25	20	1.25
QPA40	1.4	20	1.4
QPA50	1.5	20	1.5
QPA55	1.55	20	1.55
QPA80	1.8	20	1.8
QPA200	2.0	20	2.0



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## How to use

- Step.1 Root Canal filled with Gutta-percha.
- Step.2 Remove root filling using selected universal drill(1000~2000rpm). Leave minimum 4mm of filling apically.
- Step.3 Select post size and matching drill. Use appropriate drill to widen and shape the root canal.
- Step.4 Insert post to check the fit in the prepared canal. Should be able to easily remove the post.
- Step.5 Shorten post to the required length using a diamond disk or diamond bur. Note: Do not use scissors, scalpels or similar tools since they will crush the post and ruin the structure.
- Step.6 Disinfect the post with alcohol and dry it with water-free and oil-free air.
- Step.7 Clear or disinfect the root canal with 2.5-5.25% sodium hypochlorite solution(NaOCl). Rinse immediately with water and dry with paper points. Note: do not use hydrogen peroxide (H2O2), other disinfectants, and EDTA solutions because their residues can impair the adhesion strength and curing reaction of cement.
- Step.8 Begin cement dispensing in the apical root canal. Keep elongation tip immersed in the cement initially and during the entire cement application process to avoid trapped air in the cement.
- Step.9 Seat the post immediately. Twist slightly and apply moderate pressure to hold in position.
- Step.10 Apply moderate pressure while removing excess with appropriate instruments or a cotton pellet.
- Step.11 Light cure cement or allow self-cure as cement manufacturer recommendation.

### Contraindication

It does not intend to treat children or pregnant or nursing women

### Storage condition

Keep it at room temperature.

### Disposal

It should be handled according to local laws and regulations.

### Side effect

There is no special side effect.

### Caution

1. Avoid exposure to direct light during use.
  2. Make sure to use diamond disk to cut.
  3. Avoid getting dirty.
  4. Use sponge with alcohol to clean.
- Prevent direct contact with water and oil.



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# Instructions for Use

## 작용원리

비금속제 근관 포스트는 근관 치료된 치아에서 수복물을 지지하고 고정하기 위하여 근관에 접속하는 비금속제 기구이다.

## 제품명

Q.P. Fiber Post Plus Refill

## 사용설명

- Step.1 Gutta-percha로 충전된 근관.
- Step.2 Universal drill로 근관 충전물을 제거한다. 이 때, 최소 4mm의 근단부 충전물을 남기는 것을 추천한다.
- Step.3 적절한 포스트 크기를 선택하고 여기에 맞는 드릴(matching drill)을 사용하여 근관을 넓히고 성형한다.
- Step.4 근관에 포스트를 넣어 적합도를 확인한다. 힘들이지 않고 쉽게 빠져나올 수 있도록 passive fit을 갖는 포스트가 좋다.
- Step.5 Diamond disk 혹은 Diamond point를 사용하여 필요한 길이에 맞게 포스트를 자른다.  
주의: 포스트의 구조와 안정성을 망칠 수 있으므로 가위나 메스같은 유사한 도구를 사용하지 말 것.
- Step.6 알코올 스폰지로 포스트를 닦아내고, 물과 기름이 없는 에어로 건조시킨다.
- Step.7 NaOCl 등을 사용하여 포스트 홀을 깨끗이 청소하고 Paper Point로 건조시킨 후, 필요한 경우 접착제에 맞는 방법으로 전처치를 한다.
- Step.8 기포가 생기지 않도록 주의하면서 근관의 치근단부에서부터 Cement를 적용한다.
- Step.9 포스트를 살짝 회전시키면서 적당한 압력을 가해서 길이에 맞도록 제 위치에 고정시킨다.
- Step.10 적절한 기구나 연구를 사용하여 여분의 Cement를 제거하고 그동안은 적당한 압력을 가하는 것이 좋다.
- Step.11 Cement의 제조사 지시에 따라 광중합하거나 자가중합되도록 한다.

## 사용 후 보관 및 관리방법

1. 일회용의 치과용 의료기기로 재사용하지 말 것.
2. 실온의 건조한 곳에 빛과 반응하지 못하도록 보관한다.

## 사용시 주의사항

1. 직사광선에 노출되지 않도록 작업한다.
2. 반듯이 다이아몬드 디스크를 이용하여 절단한다.
3. 이물질이 묻지 않도록 한다.
4. 알코올 스폰지를 사용하여 세척하고 물과 기름이 묻지 않도록 한다.



(주)이노디

서울특별시 금천구 가산디지털1로 219 (석산디지털벨리 6차), 812호 (08501)

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부작용 보고 관련 문의처

한국의료기기안전정보원

080-080-4183

## 製品名

Q.P. Fiber Post Plus Refill

## 使用方法

1. Gutta-Percha에充填された根管。
2. Universal drillで根管充填物を除去する(1000~2000rpm)この時、最小4mmの近端部充填物を残すことが推奨する。
3. 適切なポストサイズを選択して、ここに合わせてドリル(Maching Drill)を使用して根管を広げて成形する
4. 根管にポストを入れて適合度を確認する、鑑かけずに簡単に抜けるようにPassive Fitを持つポストが良い。
5. Diamond DiskあるいはDiamond Pointを使用して、必要な長さに合わせてポストを切る。  
\*注意) ポストの構造と安定性を台無しにすることができますので、はさみなどの同様のツールを使用しないでください
6. アルコールスポンジでポストを拭き取り水と油がないAirで乾燥させる。
7. NaOClなどを使用して、ポストホールをきれいに掃除してPaper Pointで乾燥後、必要に応じて接着剤に適した方法で前処置をする
8. 気泡が生じないように注意しながら、根管の歯根端部からCementを適用する。
9. ポストを軽く回転させながら適切な圧力をかけて長さに合わせて所定の位置に固定する。
10. 適切な機構と、ツールを使用して、余分のCementを除去して、その間は適切な圧力をかけるのが良いです。
11. Cementのメーカーの指示に従って光重合したり、自己重合される様にする。

## 使用後保管や管理方法

1. 使い捨てで再利用しない事。
2. 室温の乾燥した場所で光と反応しないように保管する。

## 使用上の注意事項

1. 直射日光にさらされないように作業する。
2. 必ずダイヤモンドディスクを用いて切断する。
3. 異物が付着しないようにする。
4. アルコールスポンジを使用して洗浄し、水と油が付着しないようにする。

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