

Partial Dentures



ComFlexin[®]
Comfortable • Flexible • Beautiful

From Prescription to Fit

**Your Complete Guide to Comflexin
Partial Dentures**

The Purpose of This Guide

As you have probably heard, Comflexin partials can produce truly amazing results, both visually and for the patient’s comfort. However, for every ten dentists or technicians you hear gushing over the material, there are inevitably one or two who say they have difficulty getting it right.

The truth is, although Comflexin is an incredible material, its effectiveness is heavily reliant on careful case selection. Prescribing dentists will need to look to the patient’s dental health as well as their personal habits before being sure that Comflexin is the best option.

The purpose of this guide is to distil our 10+ years of experience with the material into an easily digested walkthrough covering the following points:

Industry History & Benefits Of The Material

Key Indications & Contra-Indications

First Insertion & Adjustment

Patient care (How to look after the finished restoration)



Using this guide you will be able to confidently prescribe Comflexin to your patients while avoiding the pitfalls experienced by other dentists new to the material. This guide has been made with the full support of our top technicians, we’re sure that the techniques and information here will be all you need to keep your patient’s denture looking and feeling great!



History of Comflexin

First introduced to the dental industry at the BDIA Dental Showcase in London in 2005, Comflexin is one of the best known flexible partial denture materials on the market today. Managing the rare feat of solving issues for dentists while directly appealing to patients for its physical properties, it quickly became a standard tool in the dentist's arsenal.

Having been fitted in thousands of successful treatments worldwide, flexible partial dentures are experiencing unprecedented popularity with both patients and dentists; meaning now is the time to get involved and start offering Comflexin to your patients!

Why is Comflexin So Popular?

COMfortable: With an average thickness of just 1mm, it easily beats alternative materials for comfort. Close fit – meaning less chance of the dreaded denture fall out!

FLEXible: Virtually unbreakable, the nylon-based material will easily flex and return back to its normal shape. Built in clasps hug the teeth and secure the denture to prevent movement during eating.

INherently beautiful: Transparent pink material blends with the gums to make the denture virtually invisible when in place. Different shade and tooth options replicate the natural appearance of the patient's mouth

Monomer Free: Unlike the acrylic used in traditional denture manufacture, Comflexin is monomer-free making it perfect for patients with allergies.



Indications

In the right circumstances, Comflexin truly excels. Subject to the contra-indications overleaf, if your patient falls into one or more of the following categories you should consider Comflexin:

Bilateral Undercuts:

Comflexin dentures engage the undercuts for retention.

Tilted Teeth:

Where tilted teeth would otherwise prevent an optimal insertion path for conventional acrylic dentures, Comflexin may be a useful alternative.

Monomer Allergy:

For any patient with a monomer allergy or sensitivity. Comflexin can be a good monomer free alternative to conventional acrylic.

Free End Saddle Cases:

Flexible partials over a free end saddle are possible, however may dislocate during mastication, in extreme cases they may also cause trauma to the gum.



Recommended



Contra-Indications

While the unique properties of Comflexin offer unparalleled results in particular cases, they can also make it unsuitable where more conventional treatments would suffice. If your patients falls into one or more of the following categories you may wish to opt for an alternative treatment:

Complete dentures/partials with large palatal coverage:

Complete dentures are not recommended as the reliance of suction to keep the denture in place may be lost due to the flexible nature of Comflexin.

Poor prognosis for remaining teeth:

Additions to flexible dentures are rarely possible so the patient must be made aware of the potential need for a new denture if/when further teeth are lost.

Poor oral/denture hygiene:

Flexible dentures require good patient care to retain their appearance and would not suit a patient who is not prepared to look after them.



Not Recommended

First Insertion

The first insertion of a new Complexin restoration is very important in achieving the perfect fit, spending a few minutes here will make all the difference in terms of your patient's comfort. We recommend you follow this insertion process for the best results:

1

When you receive the finished Complexin, check on the model for the path of insertion and locate the clasps.

2

Submerge the denture in hot (not boiling!) water for 3-4 mins to increase its flexibility.

3

Leave the denture to cool until it is a bearable temperature for the patient's mouth.

4

Place the denture in the patient's mouth and ease in to the fitting position.

5

Ask the patient to feel for any sore/tight points around the denture with special attention to the clasps.

6

If a clasp is too loose or tight, immerse it in hot (not boiling!) water again for 30 seconds, then bend the clasps in or out as appropriate while holding under cold running water.

Complexin Adjustments

Complexin is a nylon based material, and therefore cannot be adjusted and treated the same way in which traditional acrylic dentures are. Use the Complexin Adjustment Kit to make adjustments of Complexins easier.

When Using the Complexin Adjustment Kit:

- ✔ Always make adjustments using a sweeping motion over the area to be adjusted with medium light pressure. It is better to make multiple passes as this reduces the risk of over heating and ultimately melting the material.
- ✔ Use a slow hand piece with maximum speed of 10,000rpm.
- ✔ Use the Dark Grey stone to make larger adjustments.
- ✔ The Brown rubber is used for finishing.
- ✔ Use the Light Grey rubber for polishing. Please be aware, after adjustments you may not be able to attain as high a lustre as can be achieved in the laboratory.
- ✔ If you experience 'flaring' of the nylon, remove with a scalpel then buff with the Light Grey rubber.



Patient Care

As with all flexible dentures, Comflexin requires good patient care to maintain its appearance and protect it from discolouration and/or bad odours. The importance of daily cleaning should be stressed to patients before they commit to treatment; luckily the cleaning routine is very simple, by following these instructions (found in the Comflexin Care Kit) they can keep their denture looking and feeling fantastic:

Daily Cleaning

- 1 *Brush gently on all sides with a soft toothbrush*
- 2 *Place dentures into sonic cleaner with a cleaning tablet*
- 3 *Fill cleaner with cold water and switch on for 3 minutes*
- 4 *Turn off and allow 5 minutes for water to settle*
- 5 *Rinse dentures and cleaner thoroughly with clean water*

General Care - Do's

- ✓ *Wash your denture after every meal*
- ✓ *Use a soft-bristled tooth brush*
- ✓ *Rinse your denture in clean water after every clean*
- ✓ *Soak your denture in clean water at night*

General Care - Don'ts

- ✗ *Use abrasive toothpastes or hard-bristled brushes*
- ✗ *Wash your denture in hot water*
- ✗ *Use cleaning agents involving alcohol or bleach*
- ✗ *Wear your dentures while sleeping*

www.comflexin.com

Produced by



Full Service Dental Laboratory

☎ 01474 320076

✉ info@costech.co.uk

🏠 www.costech.co.uk

🐦 @CosTechElite