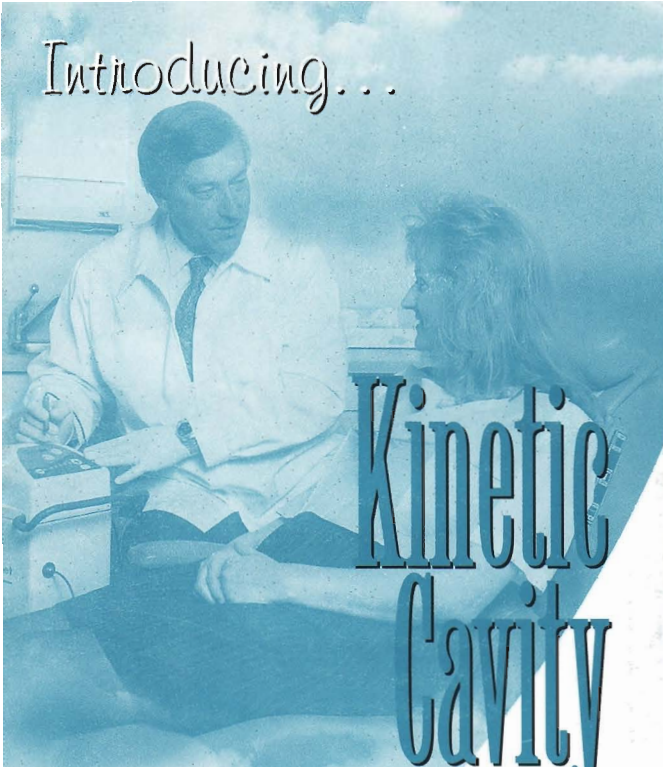


Introducing...

The **KCP**...
Treating tooth decay




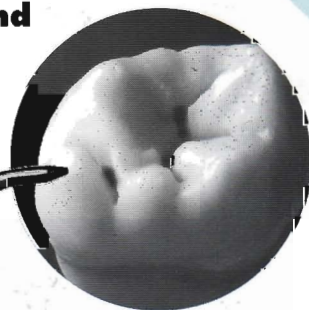
Kinetic Cavity Preparation

a gentle new
way to treat decay



**Using advanced
technology to
provide you with
patient-friendly care**

**Our office recently
added the KCP
kinetic cavity preparation
system, an exciting
new advance in dentistry.
We hope the following
information will help you
better understand this
instrument and
its use.**



The miniature sandblaster
that literally
"sprays away decay"
without heat, vibration or
the whining of the drill...
and less need for the needle!

KCP... Ushering in a new era of “

KCP Patient Survey

Patients treated without anesthesia

89%

Patients who prefer the KCP over the drill

93%

Patients who would not request anesthesia next time

93%

Patients who consider themselves dentaphobics

41%

Will it hurt?

The aspect of the **KCP** that many patients appreciate most is its comfort. The **KCP** system greatly reduces heat and vibration, two sources of discomfort traditionally associated with fillings. That's why the **KCP** is often used without anesthetics. This also enhances our ability to treat patients who are pregnant or medically compromised. With the **KCP**, we can often treat children without the two things they fear most—the needle and the drill. But since for some people the **KCP** may involve minor discomfort, it would be inaccurate to call it “painless”.

Is it safe?

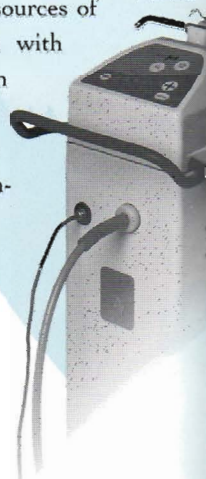
Absolutely. The tiny particles we use are alpha alumina, a pure, biocompatible substance long used in medicine and food. In fact, it is a prime ingredient in several popular whitening toothpastes. Only a tiny amount of this microscopically fine powder is actually used in each procedure and most of it is immediately removed by our evacuation system. Scientific tests show that patients would

With the **KCP**,

decay is gently scoured away by tiny particles which exit the nozzle above.

The handpiece is a little larger than an ink pen.

KCP



"patient-friendly" dental care

have to undergo about 28 typical 20-30 second **KCP** procedures in order to inhale enough alpha alumina to equal the weight of one grain of table salt. The amount inhaled in a single procedure is about 1000 times less than the limit established by the Occupational Safety and Health Administration.

What can it be used for?

Besides tooth-colored fillings, the **KCP** is very useful in a number of cosmetic procedures such as veneers, inlays and onlays. It also allows us to apply protective sealants in a matter of seconds — a time frame even shorter than the attention span of most youngsters!

What does it sound like?

The most noticeable sound most patients hear is the evacuation system which removes particles from the mouth. It sounds similar to a quiet vacuum cleaner. The **KCP** itself makes a blowing sound similar to an aerosol can being sprayed.

Are any precautions necessary?

We will ask you to wear special glasses to protect your eyes from irritation. As an added precaution, we will sometimes shield off parts of your mouth which aren't being treated.

If I come to your office, will I be treated with the **KCP**?

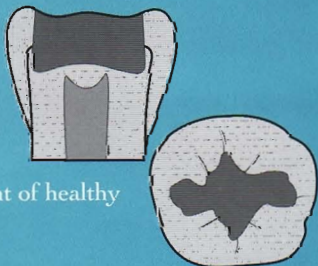
Not necessarily. Though the **KCP** will dramatically reduce our overall reliance on the drill, it is not appropriate for every part of every procedure. For example, we will continue to use the drill to remove silver (amalgam) fillings and for crown preparations. Please ask us about the role the **KCP** might play in your treatment.

The aspect of the **KCP** that many patients appreciate most is its comfort.

Traditional Filling

Traditionally prepared silver-colored (amalgam) filling.

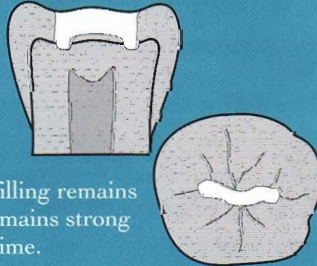
Older methods of removing decay and filling cavities require the removal of a substantial amount of healthy tooth structure.



"State-of-the-Art" Filling

*White-colored (composite) filling prepared with **KCP**. (Same amount of decay as tooth on left)*

The **KCP** makes it easier to create fillings that leave more of your healthy tooth structure intact. The filling remains small and the tooth remains strong through-out your lifetime.



...the gentler way



What is the **KCP** and how does it work?

It's a new instrument that can be used as an alternative to the drill in many procedures. A microscopically fine powder is carried to the tooth by a stream of air, gently spraying away decay. In a simple sense, you could say it works like a precise miniature sandblaster.

What does it mean to you as a patient?

Thanks to its precision and gentleness, the **KCP** allows us to treat decay at an earlier stage without as much removal of healthy tooth material, thereby helping to preserve the strength of the tooth. Teeth treated this way may be less likely to require crowns in the future. Smaller fillings are less susceptible to wear and may last longer.

The **KCP** system creates a cavity surface that is so ideal for use with tooth-colored (composite) fillings, we can place those fillings faster than ever before. In some instances, the **KCP** actually allows us to complete your treatment in fewer visits.

*Another example of
state-of-the-art dental care brought to you by:*