

**MICHAEL T. ROSEN, DDS, MS, FAGD, LVIF**

A native of North Wilmington, DE, Dr. Rosen earned his dental degree from Emory University and completed a residency program at the Medical Center of Delaware. After practicing in Atlanta, GA, for a few years, he relocated to his native Delaware where he maintains a practice focused on family and cosmetic dentistry. Dr. Rosen has received special training in orthodontics, TMJ, and the treatment of sleep apnea, and regularly attends continuing education courses to stay current with the latest advancements in dentistry. He is a Fellow in the Academy of General Dentistry and the Las Vegas Institute for Advanced Dental Studies.

**FOR MORE INFORMATION:**

888.622.8724  
bauschpaper.com

# OccluSense

Electronic pressure sensor records static and dynamic occlusion data and wirelessly transmits it to an iPad app for easy analysis



In the digital age of dentistry, where the hassle of paper charts and film x-rays is thankfully a thing of the past, it may be time to ask an important question: Why are we still using articulating paper to measure occlusion? Here, Dr. Michael T. Rosen shares how using Bausch's OccluSense, a handheld device that digitally records masticatory forces, has boosted treatment confidence on both sides of the chair.

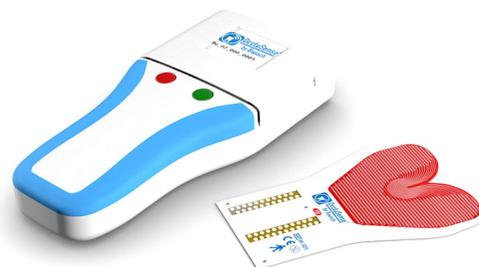
**A**s clinicians, we know that occlusion needs to be measured as accurately as possible so that we can solve our patients' dental issues and recommend the most appropriate treatment. While it may seem like a drastic shift from traditional methods of measuring occlusion, OccluSense's digital system for recording masticatory forces has been much more accurate than using articulating paper.

OccluSense does something articulating paper can't do, which I consider to be unbelievably important. It shows what hits first—not just what hits hardest. The system uses an electronic pressure sensor to capture masticatory forces, which are then recorded by the handheld device. This recorded static and dynamic occlusion data is then wirelessly transmitted to my OccluSense iPad app, where I can view it in 2D or 3D alongside the patient.

**Increased Accuracy and Education**

OccluSense is a wonderful tool to have on hand, especially in cases that call for a high level of accuracy. It's also a great patient education tool. Oftentimes, a patient will come in for a consultation and tell me that they recently had a minor procedure done, and that their alignment has felt off ever since. I use OccluSense in these cases because in order to help that patient, I need all the information I can get.

When a patient bites down on the electronic pressure sensor, OccluSense shows you all of the hit marks in that time period. Light hit marks appear as very low bars, while heavier hit marks appear as high



bars, so it really shows you the motion in real-time and gives you more information. A patient may tell me that they are hitting in one spot, but I can put an OccluSense pressure sensor in their mouth and say, "Look, you're actually hitting over here and here."

In this sense, OccluSense gives patients more confidence in their dentist. If a patient thinks they're right and you're unable to convince them otherwise, they may walk out of the office thinking that you don't know what you're talking about. But if they see it for themselves in a familiar visual format, such as an iPad app, they're going to have more confidence in your ability and appreciate that you're using modern tools that nobody else has.

**A Priceless Investment**

While OccluSense may be considered more of a specialty item in dentistry, it's hard to put a price on establishing proper occlusion—especially when malocclusion can lead to issues like bruxism, gum recession, damaged restorations, and TMJ issues. Clinicians need to understand how valuable a tool like this can be, and for a reasonable price.