

Meet Craig

Putting bite force into perspective through an actual patient case

More about you!

Help us get to know you better so that we provide tools and resources to better meet your needs!

Upcoming events

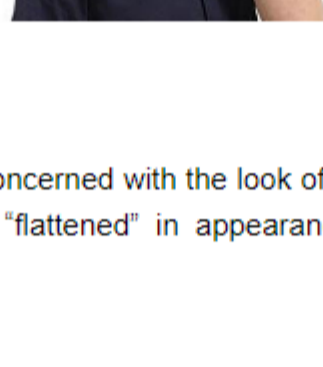
Where you can find us next...

WELCOME TO THE SECOND ISSUE OF BITE BACK

We're taking our newsletter online! This issue of Bite Back focuses on putting a real-life face to the issues surrounding excessive bite force through a patient case. We also ask you to tell us a little more about yourself and your practice to help us continue to provide news, tools, and resources you can use.

BITE FORCE ANALYSIS: THE KEY TO TRANSITIONING TREATMENT PLANS INTO ACTION

Dentists are skilled at diagnosing functional issues such as bite force, however, communicating the urgency for treatment to patients can be difficult. Measuring bite force using the Innobyte can demonstrate unequivocally the need for treatment.



Meet Craig

At 33 years old, Craig was concerned with the look of his teeth and smile. He felt that his teeth had become "flattened" in appearance leading him to see his dentist.



Courtesy of Dr. Dan Hagl, DDS, FAGD, FICOI, (A)FAAID

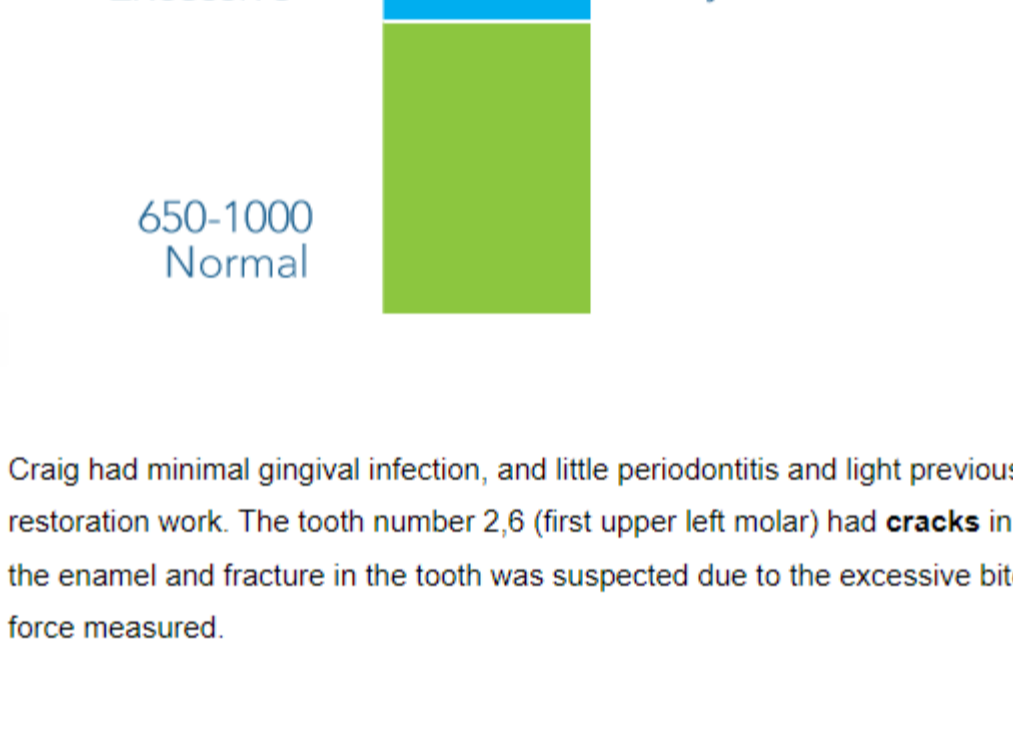


Using bite force

His dentist used the Innobyte to measure his bite force which came back with a reading of **1470 Newton**, one of the highest his dentist had ever measured, putting Craig in the "excessive" range and well over the 650 to 1000 Newton bite force that is considered normal. Just to put this measurement in perspective, 1470 Newton is equivalent to a force of 330 pounds or 150 kilograms!

Chew on this!

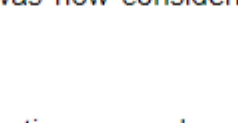
Did you know that a Cheetah has a bite force of 1800 Newton and a Lynx has a bite force of 1000 Newton? This puts Craig's bite force right between these two fierce predators.



Craig had minimal gingival infection, and little periodontitis and light previous restoration work. The tooth number 2.6 (first upper left molar) had **cracks** in the enamel and fracture in the tooth was suspected due to the excessive bite force measured.



Courtesy of Dr. Dan Hagl, DDS, FAGD, FICOI, (A)FAAID

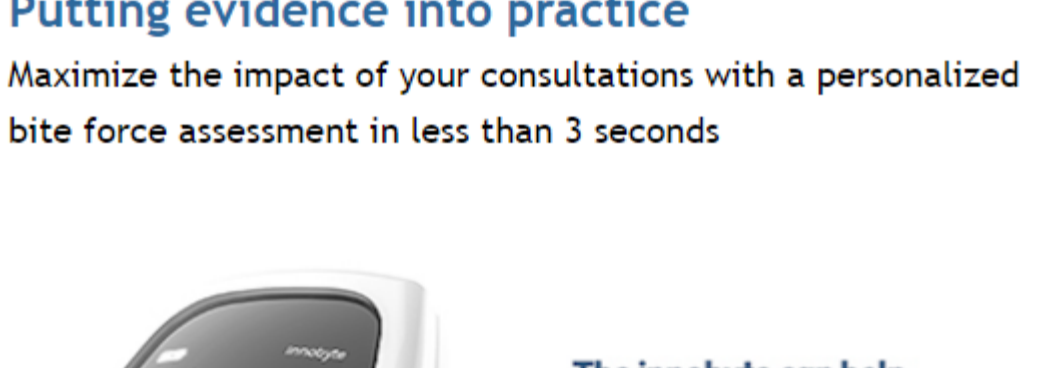


Transitioning treatment recommendation to treatment plan

Concerned with protecting Craig's teeth, his dentist prescribed the use of a nightguard for sleep. The use of the splint reduced Craig's bite force by 45% to 810 Newton. After wearing the splint for several months, Craig reported that his jaw felt better, and he was now considering changing the appearance of his teeth.

Using significant reconstruction procedures, his dentist rebuilt his bite, changing his occlusal scheme, giving anterior guidance, and protecting the molars. His dentist also restored the length of his teeth and the aesthetics of his smile. Craig's actual bite force remained unchanged, but his dentist was able to redirect the force through the reconstruction techniques, the use of the nightguard and an Essex appliance during the day, and the use of a sportguard during activities such as weightlifting, thereby protecting his teeth.

The Innobyte gave Craig a visible measure of the cause of his flattened teeth appearance as well as a reason to invest in and be compliant with the best treatment plan for him.



Courtesy of Dr. Dan Hagl, DDS, FAGD, FICOI, (A)FAAID

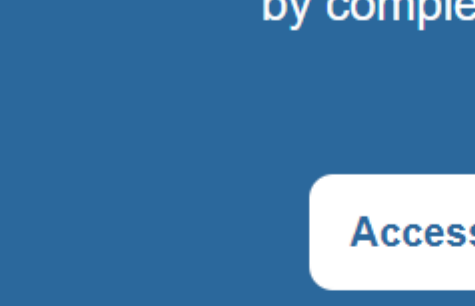


[Click here to learn more](#)

THE INNOBYTE™

Putting evidence into practice

Maximize the impact of your consultations with a personalized bite force assessment in less than 3 seconds



The innobyte can help

- ✓ Demonstrate unequivocally the need for treatment
- ✓ Decide type of treatments and which materials to use
- ✓ Increase treatment plan acceptance rates

Enter to win \$1,000 off your Innobyte

by completing a short survey

[Access the survey here](#)