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Dr. Bassett practices comprehensive restorative and esthetic dentistry in Scottsdale, AZ. She is an Accredited Fellow of the American Academy of Cosmetic Dentistry and President 2015–2016. She is an Associate member of the American Academy of Esthetic Dentistry, a KOIS mentor, an active member in the Academy of Fixed Prosthodontics, and a Fellow in the AGD. Dr. Bassett is an adjunct faculty member in the esthetic continuum at the Arizona School of Dentistry. She is a member of the Catapult Group speaker's bureau. Dr. Bassett has published articles in peer-review journals and lectures internationally.



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Bluephase G4

INTELLIGENT LED CURING LIGHT ALERTS CLINICIAN IF PROBE IS MOVED AND ADJUSTS CURING TIME TO COMPENSATE



To err is human—but, nevertheless, something to avoid. Clinicians can agree that one misstep during a procedure will likely decrease the quality of the final result. This is an especially taxing reality when your patients depend on the accuracy of your work to resolve their oral health problems. Fortunately, smart technology—such as the Bluephase G4 curing light from Ivoclar Vivadent—are expertly designed with features to ensure dentists complete restorative tasks correctly and efficiently. Read on to learn how Dr. Joyce Bassett is reaping the benefits of the Bluephase G4's Polyvision technology to cure a wide range of materials.

The angle of your curing light and how you position it has everything to do with how well the material becomes polymerized.

And if you don't polymerize properly, you're going to compromise the longevity of the restoration. Unfortunately, it's very common to move the light or to look down and see that your assistant has moved the light. This is where smart technology can help us, and it's why I love Ivoclar Vivadent's Bluephase G4.

Most importantly, if the light is moved, it alerts the user with a vibration. That teaches my assistant not to move the light—which is better than me taking the light out of her hand and doing it myself, creating a negative dynamic in the office. Secondly, when the Bluephase G4 detects the movement, it automatically adds 10% to the exposure time. So, if I'm doing a 10-second cure, it adds another second.

Another great feature is that you can't turn on the light unless it's in the mouth. With other lights, sometimes you'll finish and take the light out of the mouth and the light's still on—you're waving it in the room and seeing this terrible light. This technology doesn't allow that to happen. It turns on in the mouth and turns off outside the mouth.

Carefree Curing

When it comes to new technology, there's always a focus on time savings. However, I'm more worried about inconsistency or doing something that isn't top level. Technology that leads to predictability



decreases that stress. The Bluephase G4 provides a reliable performance for all light-curing materials. Its Polywave LED allows me to get everywhere in the mouth and can be used with any composite.

The updated features include the broader width of the probe, a backlit display for optimized hygiene, active anti-glare protection to prevent unwanted light activation, and contactless battery charging. Another new component is its 2-second high cure. You can use this for a quick cure if you're placing veneers.

With this product, you don't have to worry about anything. Whether it's the polymerization of your composite or the cement placement beneath the crown, Bluephase G4 enables total predictability. In my opinion, if you're going to buy a new curing light, you'll want one that has all the latest and bells and whistles on it, and this one does.