



Porter Ophthalmology Announces New Standard in EVO ICL Procedures with the Sonomed Vupad UBM for Superior Precision and Patient Outcomes

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Porter Ophthalmology, a leading provider of advanced vision correction solutions, is proud to introduce the Sonomed Vupad UBM, a state-of-the-art technology that revolutionizes the precision of eye measurements for EVO ICL (Implantable Collamer Lens) procedures. With the increasing demand for vision correction options like EVO ICL, which offers an alternative to LASIK for patients seeking clear vision without glasses or contact lenses, Porter Ophthalmology continues to lead the way in delivering superior care through cutting-edge innovation. The addition of the Sonomed Vupad UBM reflects the clinic's commitment to ensuring the highest level of accuracy and safety for its patients. Porter Ophthalmology has released an article on this helpful technology on the website, titled "Better Eye Measurements for EVO ICL With The Sonomed Vupad UBM?", which can be found here: <https://eyeporter.com/evo-icl/better-eye-measurements-for-evo-icl-with-the-sonomed-vupad-ubm/>

The Sonomed Vupad UBM represents a breakthrough in ophthalmic ultrasound technology, providing ultra-high resolution imaging that enables Porter Ophthalmology's surgeons to perform the most precise eye measurements available. Unlike traditional tools, which may rely on manual or less detailed methods, the

Sonomed Vupad UBM delivers unparalleled clarity through advanced imaging methods such as A-scan ultrasound biometry, B-scan, UBM, and pachymetry. This combination allows for an in-depth examination of the eye's internal structures, particularly the anterior chamber, where the EVO ICL is implanted. Accurate measurements of this area are essential for achieving optimal lens fit and minimizing the risk of complications.

For patients undergoing EVO ICL procedures, the precision offered by the Sonomed Vupad UBM is crucial. The EVO ICL procedure requires precise sizing and placement of the lens to achieve the desired vision correction and to ensure long-term success. The Sonomed Vupad UBM's Enhanced Focus Rendering technology and ultra-high resolution imaging provide a level of detail that is unmatched in the field, allowing surgeons to capture every nuance of the eye's anatomy. This level of precision is particularly important for patients with unique or challenging eye configurations, as even small measurement errors can significantly impact the outcome of the surgery.

In addition to its imaging capabilities, the Sonomed Vupad UBM is equipped with AI software known as Zaldivar ICL Guru, which further enhances its ability to provide precise ICL sizing recommendations. This advanced software uses deep learning algorithms, trained on over 12,500 images, to analyze eye measurements and predict the ideal lens size for each patient. By leveraging AI-driven analysis, the Zaldivar ICL Guru improves the predictability of outcomes, particularly in complex cases where traditional methods might fall short. The software's ability to predict central and peripheral vaults with over 97% accuracy is a testament to its reliability and effectiveness in guiding surgeons toward the best possible decisions for their patients.

For potential patients seeking information about EVO ICL, the benefits of the Sonomed Vupad UBM are clear. The ability to offer such detailed and accurate measurements directly translates to a more successful vision correction procedure. EVO ICL is a highly effective solution for individuals who may not be candidates for LASIK due to thin corneas, high prescriptions, or dry eye conditions. However, the success of the procedure depends largely on the accuracy of the measurements taken before surgery. By integrating the Sonomed Vupad UBM into its pre-operative process, Porter Ophthalmology has set a new standard for ensuring the highest level of precision in these critical measurements.

One of the unique aspects of the Sonomed Vupad UBM is its ability to detect potential issues that may not be visible with other diagnostic tools. The device's advanced imaging capabilities allow surgeons to identify subtle anatomical variations or conditions that could affect the success of the surgery. By catching these issues early, Porter Ophthalmology can adjust the treatment plan as needed, providing patients with a tailored approach that addresses any concerns before the procedure. This proactive approach not only enhances patient safety but also contributes to better long-term outcomes.

The introduction of the Sonomed Vupad UBM at Porter Ophthalmology has already begun to make a significant impact on patient care. Patients who have undergone EVO ICL procedures with the assistance of this technology have reported high levels of satisfaction with their results, citing improved vision clarity and reduced recovery times. The combination of advanced imaging, AI-driven analysis, and a personalized approach has enabled Porter Ophthalmology to deliver outcomes that exceed patient expectations.

As the first clinic in Raleigh to offer UBM imaging for EVO ICL sizing, Porter Ophthalmology is proud to be at the forefront of innovation in vision correction technology. The adoption of the Sonomed Vupad UBM reflects the clinic's ongoing commitment to providing the highest standard of care for its patients. By staying ahead of the curve in technological advancements, Porter Ophthalmology ensures that its patients receive the most effective and cutting-edge treatments available.

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