



## Working Together for Beautiful Smiles

Pow Laboratories highly skilled Ceramic Technicians are dedicated to define what makes us Leaders in Cosmetic Dentistry. Their years of service and continuous education of technique, materials and performance are demonstrated in their exemplary artistry. As restorative dentistry transitions from traditional porcelain fused to metal restorations to highly esthetic leucite glass, zirconia or lithium disilicate ceramic materials so do the specific parameters that our technicians require to design these restorations with strength of material and vitality.

During the fabrication of highly esthetic restorations, the influence of the preparation shade on the final result is a decisive aspect. For that reason, the shade of the preparation should be determined in order to select the suitable restorative material. Especially with severely discoloured preparations this is of utmost importance. Only if the dentist determines the shade of the preparation and subsequently transmits it to the laboratory may the desired esthetics be achieved in a targeted fashion. (Ivoclar Vivadent)



## Preparation Shade Selection

In order to facilitate the reproduction of the desired tooth shade, the shade of the preparation is determined with the help of the IPS Natural Die Material shade guide. This enables the technician to fabricate a model die similar to the preparation of the patient. The correct shade and brightness values of an all-ceramic restoration can now be selected and controlled in production.

When requesting an e.max Press, Empress Esthetic or e.max Zirconia crown we ask that you include the desired final shade and characterization, the shade of the prepared to tooth (known as the stump shade) and photographs to highlight the characterization so that we can design a finished product that exceeds your patient's expectations every time.

Have you ever asked for a final restoration shade of A2 and when you received the case back from the laboratory and it does not match your shade guide? This could be a result of the discolouration of the shade tabs. Over time, the use of disinfect or sterilizing products for infection control can remove the stain and glaze that is on all shade tabs with repetitive wiping. This results in lost chair time, costs you time and money and your patient's valuable time and patience. The only way to determine if your shade tabs is accurate is to compare with a new shade guide. Please feel free to send your guide to the lab for evaluation or contact us as to send your office replacement guides.

