



## Briefing for the creation of clinical cases using Venus Pure line

Main facts of the Venus Pure line:

- Venus Pure is the product line for maximum anterior and posterior simplicity. It comprises the products Venus Bulk Flow ONE, Venus Diamond ONE, Venus Pearl ONE and the new four shades LIGHT, MEDIUM, DARK and BLEACH.
- Venus Diamond/Pearl ONE are the one-shade solution within the Venus family for everyday posterior restorations thanks to its amazing adaptive light matching.
- The four new shades LIGHT/MEDIUM/DARK/BLEACH have been developed for maximum simplicity in the anterior due to their intrinsic chroma and balanced translucency.
- Venus Bulk Flow ONE is a flowable, one-shade bulk-filling composite without the need for an additional capping layer.
  
- Benefits of the Venus Pure line:
  - The simplicity line Venus Pure especially offers benefits in time efficiency: no shade selection, no polychromatic layering needs, easier communication with assistant, fast layering.
  - The Venus Pure line is ideal for simple cases, offering pleasing aesthetics and maximum simplicity. In contrast, for more complex and aesthetically challenging cases, we recommend the Venus Art line for all the details.
  - Venus Diamond/Pearl ONE are one-shade solutions within the Venus family for everyday posterior restorations thanks to its amazing adaptive light matching. Venus Diamond/Pearl ONE determine the shade of the restoration by absorbing the light waves that are reflected by the surrounding tooth shade.
  - The four new shades LIGHT/MEDIUM/DARK/BLEACH have been developed to deliver the perfect balance of chroma and translucency that allow anterior restorations being placed in monochromatic layering to become virtually invisible.
  - Venus Bulk Flow ONE is a flowable, one-shade bulk-filling composite without the need for an additional capping layer. Ideal solution for everyday cases that offers an optimised colour adaptation in one single shade.
  
- Application:
  - Attach a rubber dam (e.g. Ivory Rubber Dam) to the area to be treated.
  - Apply an adequate adhesive system (e.g. iBOND adhesive system) according to the manufacturer's instructions.
  - Apply Venus restorative material according to the manufacturer's instructions.
  - Polymerise Venus restorative material according to instructions of use using a suitable blue light curing unit (wavelength peak at 450–480 nm; light output of 1550–600 mW/cm<sup>2</sup>; e.g. Kulzer Translux®).
  - Finally, finish, contour and polish the restoration.
  - The four new shades are recommended for restoring the following corresponding VITA shades of natural teeth:



SHADES	CORRESPONDING VITA® SHADES	CURING TIME	CURING DEPTH
LIGHT	A1, B1, B2, C1, D2	20s	2 mm
MEDIUM	A2, A3, B3, C2, C3, C4, D3, D4	20s	2 mm
DARK	A3.5, A4, B4	20s	2 mm
BLEACH	BXL, BL	40s	2 mm

- Indications:
  - Please see the respective instructions for use of the Venus restorative materials.
- Contraindications:
  - In case of known or suspected allergies against components of the product, its use is contraindicated.
  - Do not use this product in case of known or suspected allergies against (meth)acrylate compounds.
  - Do not use on dentin close to the pulp (less than 1 mm).

#### **Minimal requirements for clinical cases, videos and case reports:**

- Case requirements:
  - Please make sure, that the photographs show the usage of Venus restorative materials within the indications mentioned in the respective instructions for use.
  - Using Venus Pure line: Focus on the everyday basic restorations which are normally not individualised by staining shades.
  - The Venus Pure line is ideal for simple cases, offering pleasing aesthetics and maximum simplicity. In contrast, for more complex and aesthetically challenging cases, we recommend the Venus Art line for all the details.
  - Preferably the entire treatment should be shown: initial situation, excavation, preparation, adhesive application (iBOND Universal), placement of Venus restorative material, finishing & polishing (e.g. Venus Supra) and final restoration if possible after rehydration.
  - Please use rubber dam (e.g. Ivory Rubber Dam).
  - Please cover syringes such as syringes for etching gels, flows, etc. with a hygienic single-use sleeve when using it intraorally and taking photographs of the application.
  - Always appreciated are also pictures from follow-up appointments with information on the clinical outcome (e.g. marginal integrity, sensitivity, secondary caries, aesthetic quality).
- Photography requirements:
  - A Digital SLR camera with ring or lateral flash should be used in combination with a macro lens.
  - Take photographs as RAW- , TIF- or highest quality JPEG- file format.




- Photographs should be sharp with a high depth of field (large aperture value). Region of interest has to be in focus (sufficient depths of focus) and in the centre of the photograph.
- Use always the same detail of the photograph in a series of photographs.
- Preferably use a clean, scratch-free, non-fogged (to avoid fogging of mirrors apply dry air onto the mirror whilst photographing) photo-mirror for photographs of occlusal/ lateral aspects.
- Make sure that the cheeks, lips and tongue are sufficiently retracted, if possible without showing the retractors; otherwise retractors should be in flawless condition) and the clinical situation is clean and dry.
- The screen layout has to be symmetrical, e.g. incisal edges parallel to the horizontal edge of the photograph, axis of teeth parallel to the vertical edge of the photograph.
- If you take full face photographs which make the patient recognisable, ensure that you have the written consent by the patient (please keep it with your records).
  
- Feedback:
  - Please share with us your experience you had using the Venus Pure line. Every feedback is highly welcome as you can help to optimise our products.
  - Please share with us feedback concerning the usage of the product:
    - Confirmation that no complications/side effects occurred during the treatment and follow-up appointments, or otherwise detailed feedback if complications/side effects occurred during the treatment or follow-up appointments.
    - A rough estimation how often the product was used for the same indication during e.g. the last week/month.
  - If you like, you could also send us a short video statement on the material or alternatively a short written statement on the material.

**We are really looking forward to seeing your cases with the Venus Pure line!**






A quick way to share a case with us:

<https://www.kulzer.com/venus-case>

Example with Venus Bulk Flow ONE by Prof. C.-P. Ernst, Mainz, Germany:

Minimum steps	Photograph	Example Subtitle
Initial		„Hidden caries“ below marginal ridge of 2 <sup>nd</sup> lower right premolar.



Radiograph (alternatively opened caries)		
Cavity preparation		Excavated and prepared cavity with rubber dam-isolation.
Adhesive application (iBOND Universal)		Sectional matrix in situ, adhesive already cured.
Application of Venus Bulk Flow ONE/Restoration before polishing	This photograph should show the application or the situation directly after the application of the filling material	Cavity filled with Venus Bulk Flow ONE in one increment.
Finishing and polishing of the restoration		Situation after removal of the sectional matrix and finishing the marginal ridge with a flexible disc.
Situation after removal of rubber dam and final polishing with Venus Supra		Finished and polished Venus Bulk Flow ONE restoration.
Photograph showing the situation after rehydration of the tooth		Clinical follow-up after 4 weeks.



Optional: final radiograph



X-ray control: Very good radiopacity of Venus Bulk Flow ONE