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#idscologne

## IDS 2023 in Cologne: Dynamic expansion of indications - dynamic aesthetics

**Innovations in dental restoration - Differently dimensioned colour range - Larger selection of materials - Matrix system for simpler contact point formation - The 40th IDS 2023 shows the entire spectrum**

New tooth colour materials or variants of known materials are enriching the dental restoration section. This enables an increasingly more individual patient selection, however first of all it is important to retain the overview. The 40th International Dental Show (IDS) from 14 to 18 March 2023 in Cologne provides the necessary orientation.

What does the patient want? Some people place special value on the long-term stability of the filling, others prefer a decidedly biocompatible material. The next patient wants as much natural tooth structure as possible to remain intact and another demands pure aesthetics. In any case, the consultation is the top priority.

Roughly speaking, modern-day technologies include glass ionomer cements, compomers, composites, special bulk filling and hybrid composites, whereby certain current developments are attracting attention. One issue here for example is how many different shades should a practice work with. There is a choice: Large assortments offer the advantage of being able to work in a very differentiated manner. However, a pragmatic process with for instance five differently pigmented composite masses and a pronounced chameleon effect can be precisely the right choice for many patients. Besides this there is also the alternative of not using pigments for the dyeing process, but instead merely the intrinsic structure of the material. All possibilities can be examined at the 40th IDS 2023. The decision for the preferred tooth colour material for the dental restoration can be made at leisure in one's own practice based on this broad spectrum of information.

However, the emphasis doesn't lie on the colouring in the case of all materials - i.e. "hybrid composites": For this concept a self-etching material is used that requires no separate bonding. In addition to the established method, there is also an additional option for placing a filling.

Beyond the filling material it is also worth taking a look at current matrix systems. Because the formation of contact points in dental restoration is generally considered to be a challenge. For example, 70% of dentists state that the formation of contact points is the most difficult part of a Class II restoration - especially in the case of



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premolars with a pronounced curvature (punctiform approximal contact) or marginal gaps near to the neighbouring tooth. Modern matrix systems, possibly also sectional matrices can make this critical step easier in manifold ways.

Page  
2/3

Polymerisation lamps are a further point of current interest. For instance an important question is: How big is the light emission window? Its diameter should be over 9 mm; the appliances on the market currently offer up to 11.5 mm. They can all be examined, evaluated and compared at the 40th IDS 2023.

"The market for composites for dental restorations is currently extremely dynamic," said Dr. Markus Heibach, Chief Operating Officer of the Association of German Dental Manufacturers e.V. (VDDI). "The spectrum of indications is growing, there is hardly a distinct boundary to the indirect restoration nowadays. At the same time, self-etching composites, bulk filling materials and hybrid composites are simplifying the application in the practices. Beyond this, we are all celebrating the '100 years of IDS - shaping the dental future' at the 40th IDS 2023. A further reason that makes it worthwhile visiting Cologne from 14 to 18 March."

#### About IDS:

IDS takes place in Cologne every two years and is organised by the GFDI Gesellschaft zur Förderung der Dental-Industrie mbH, the commercial enterprise of the Association of German Dental Manufacturers (VDDI). It is staged by the Koelnmesse GmbH, Cologne.

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Page

3/3

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