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NEW

Cention N

Powder-liquid filling material



Filling basics Redefined



ivoclar vivadent®

passion vision innovation

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100% volume replacement

Innovative

Cention N is an innovative basic filling material for the complete and permanent replacement of tooth structure in posterior teeth.

For years, glass ionomers and amalgams have been used successfully within their indications as filling materials. Nonetheless, there is a considerable demand for alternative basic filling materials. The main reasons include the low flexural strength of glass ionomer cements, the intrinsic grey colour of amalgam and the fact that amalgam contains mercury as one of its components.

In contrast, Cention N offers tooth-coloured esthetics together with high flexural strength. The new basic filling material belongs to the materials group of Alkasites. This patented alkaline filler increases the release of hydroxide ions to regulate the pH value during acid attacks. As a result, demineralization can be prevented. Moreover, the release of large numbers of fluoride and calcium ions forms a sound basis for the remineralization of dental enamel.

The highly cross-linked polymer structure is responsible for the high flexural strength. The initiator system enables good chemical self-curing.



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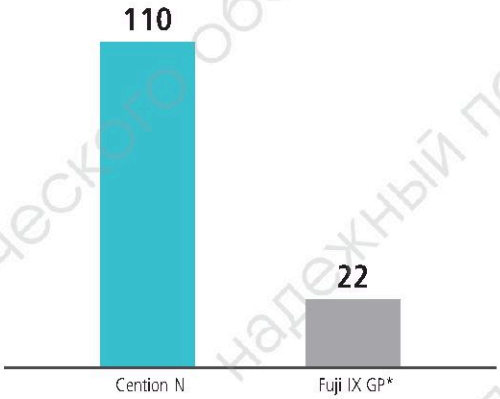
Long-lasting

High flexural strength for long-lasting Class I and II restorations

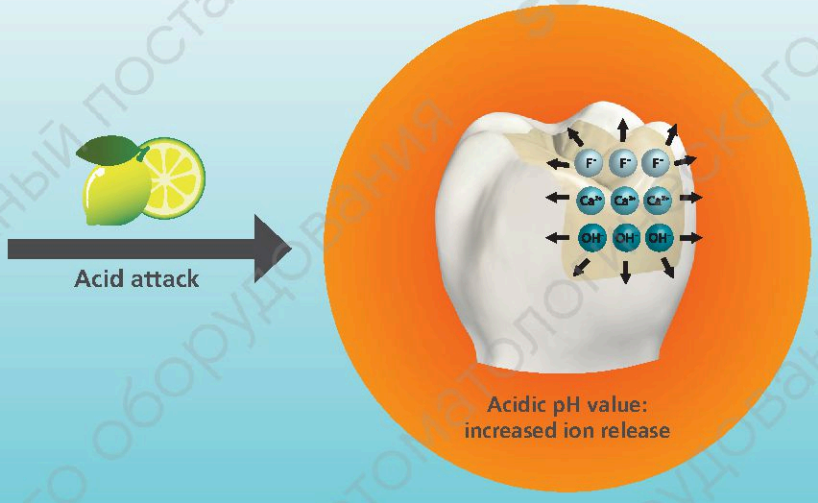
Clinical studies have confirmed that a flexural strength of ≥ 100 MPa is an important factor for long-lasting restorations. This is where Cention N considerably differs from glass ionomer cements. At ≥ 100 MPa, Cention N offers very good flexural strength for the stress-bearing posterior region.

≥100 MPa
flexural strength

Flexural strength [MPa]



* This brand is not a registered trademark of Ivoclar Vivadent AG.
Source: R&D, Ivoclar Vivadent AG, Schaan, Liechtenstein, 2016



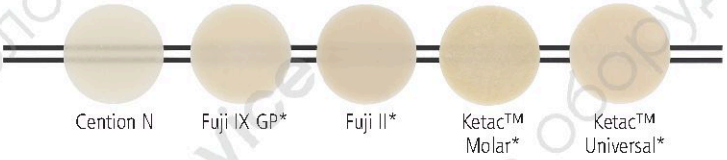
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Esthetic

More esthetic than amalgam and glass ionomer cement

Cention N is a tooth-coloured filling material with a high translucency of approximately 11%. This allows Cention N to blend in naturally with the surrounding tooth structure, while covering discoloured dentin at the same time.



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Source: R&D, Ivoclar Vivadent AG, Schaan, Liechtenstein, 2016



100 % lifelike appearance

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4 instead of 11 working steps[1]

Simple

Easy to use in only four working steps

Cention N is remarkably simple to use. It does not require the use of a primer, varnish or curing device. Up to seven working steps[1] can be saved compared with the application of conventional glass ionomer cements.

[1] Clinical procedure according to the Instructions for Use of Fuji IX GP from GC

Dose → Mix → Fill → Finish



Initial situation



Retentive preparation



Final outcome

Photos: R&D, Dr T. Repetto-Bauckhage, Ivoclar Vivadent AG, Schaan, Liechtenstein, 2016

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Economical

A lot of single-tooth restorations

Up to 167* single-tooth restorations can be placed with 30 g of powder and 8 g of mixing liquid. Therefore, Cention N is a highly economical product and a real alternative to amalgam and glass ionomer cements.

* Data available on request

≥100 single-tooth restorations

Delivery forms

684199AN	Cention N Starter Kit	1 x 15 g Powder A2 1 x 4 g Liquid
684196AN	Cention N System Kit	1 x 30 g Powder A2 1 x 8 g Liquid
684198AN	Cention N Refill Powder	1 x 30 g A2
684197AN	Cention N Refill Liquid	1 x 8 g



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