



Z
fill

för ungdomlig,
skrynkefri hy

Anti-aging systemet för hud i alla åldrar



Zimmer



Den nya ZFill produktsortimentet



Endast högsta kvalitet förtjänar ditt förtroende.

Den renaste hyaluronsyra av icke-animalskt ursprung ligger till grund för den nya ZFill generationen från Zimmer MedizinSysteme. Produkten produktlinje omfattar tre injicerbara fyllmedel som täcker hela spektrumet av ansikts föryngring och volym augmentation.

Beprövad kvalitet från produkter som tillverkas i Europa

De tre hyaluronsyrafyllmedel i ZFill produktsortimentet tillverkas enligt strikta europeiska kvalitetsstandarder och säkerhets. De uppfyller ISO 9001, ISO 13485 och GMP (Good Manufacturing Practice) standarder och riktlinjer. Toxikologiska och biokompatibilitet tester genomförs i enlighet med ISO 10993-serien av standarder.

för naturlig hyaluronsyra behandling



100% biologiskt nedbrytbart.

Gelerna är extremt stabila på grund av en innovativ, flerstegstillverkningsprocess. Detta fördröjer kroppens egna nedbrytningsprocesser, vilket garanterar en långvarig effekt. En föryngring effekt syns omedelbart efter det hyaluronsyrabehandling. ZFill vitaliserar åldrande hud på ett sätt som varar. Det kompenserar åldersrelaterad förlust av hyaluronsyra och systematiskt återfuktar dermis.

ZFill refresh²

Mesotherapy för naturlig föryngring

ZFill contour²

För ett ungdomligt utseende och perfekt läppar.

ZFill deep²

Gel för måttliga och djupa rynkor.



A good feeling. For you and your patients.

- *ZFill* is allergen-free and very well tolerated.
- A thorough cleaning process, oxygen removal and sterilisation of the hyaluronic acid prevents side effects.
- *ZFill* products are made in Europe and meet strict European standards. They are the fruit of ongoing research.
- The outstanding flow properties of *ZFill* gel implants mean that they can be administered with thin cannulas.

Safety and comfort

- Sterile glass syringe
- Specially shaped piston rod
- Ergonomic finger rest (rotates through 360°)
- Stability and good control throughout the treatment





Highest purity
for maximum safety

Quality for lasting effects

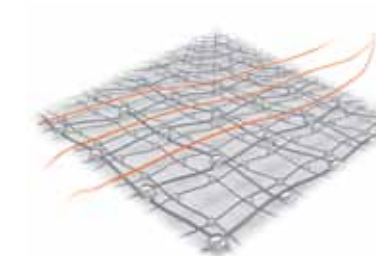
1. The basis for *ZFill* is pure hyaluronic acid of non-animal origin obtained from biofermentation. A special process is used at first for careful alignment of the molecular chains.



2. Cross-linking: BDDE is added to build cross-links between the hyaluronic acid chains. This creates a very dense, three-dimensional matrix, making the gel more stable and the ability to withstand the degradation processes of the skin. – This is why the effects of *ZFill* contour² and *ZFill* deep² last so long.



3. The product is then homogenised. The gel is now viscous and also very soft and elastic – ideal for even, controlled injection through thin cannulas.



4. This is followed by a complex cleaning process. All surplus and harmful elements (unbound BDDE, proteins and endotoxins) are carefully removed. The result - extremely high purity, well above the strict requirements of the European medical devices directive.



5. The gel then has its oxygen removed, resulting in even higher stability and a much longer shelf life.

6. In the final step the filled gel syringes are sterilised in a steam autoclave.

7. Each individual syringe then undergoes another visual inspection to ensure that it is free from particles. Each *ZFill* batch is released only after the necessary production and safety tests have been conducted in accordance with the latest European standards.



The ZFill product line:
optimum results with three different for-
mulations



ZFill refresh² for natural regeneration and revitalisation of the skin.

Z
fill



Hyaluronate

| | |
|-------------------|-----------------|
| Concentration | 18 mg / ml |
| Stabilizer | Glycerin |
| Sterility | sterile |
| pH | 7,0 |
| Dynamic viscosity | ~ 150.000 mPa·s |
| Contents | 1 ml |
| Needle | 30G ½ |

refresh²

ZFill refresh²
for mesotherapy of the face, neck, neckline, backs of the hands and upper arms

The gel is made of highly concentrated hyaluronic acid and glycerin, a natural moisturiser. This non-cross-linked, biologically effective hyaluronic acid, enriched with the additional ingredient, gives skin moisture a lasting boost. It restores the hyaluronic acid which the skin naturally loses with age. At the same time, glycerin traps water and hydrates the skin for a number of months. As a result, it becomes more toned and visible signs of aging are reduced.

Properties: A transparent gel that is sterile, viscoelastic, isotonic and biodegradable.

Duration of effect: Three treatments are recommended in the first 2 months and the effect lasts for 3 to 4 months after that.

Treatment areas

Face

Neck

Neckline

Backs of the hands

Upper arms

Z
fill

contour²

Z Fill contour² keeps the face and lips naturally beautiful for months



Cross-linked hyaluronic acid

| | |
|-------------------|-----------------|
| Concentration | 23 mg / ml |
| Cross-linker | BDDE |
| Sterility | sterile |
| pH | 7,0 |
| Dynamic viscosity | ~ 500.000 mPa·s |
| Contents | 1 ml |
| Needle | 27G ½ |

Treatment areas

Brow lines

Glabella lines

Periorbital wrinkles

Nasolabial lines

Marionette lines

Lip volume
and lip contours

**Z Fill contour²
for a youthful appearance and perfect lips**

The gel implants made from cross-linked hyaluronic acid smooth out superficial to moderate and less deep facial lines. They top up moisture deposits and rejuvenate the skin by providing long-lasting hydration. You can also use Z Fill contour² to emphasise the contour of the vermillion border or to enlarge the volume of red lip tissue, resulting in more harmonious and attractive lips.

Properties: sterile, isotonic and biodegradable, viscoelastic, completely transparent and colourless, homogenised and monophasic

Duration of effect: 6 – 9 months

ZFill deep² gives new fullness and more volume

Z
fill



Highly cross-linked hyaluronic acid

| | |
|-------------------|-------------------|
| HA concentration | 23 mg / ml |
| Cross-linker | BDDE |
| Sterility | sterile |
| pH | 7,0 |
| Dynamic viscosity | ~ 1.000.000 mPa·s |
| Contents | 1 ml |
| Needle | 27G ½ |

ZFill deep² Gel implants for deep treatment

Highly cross-linked hyaluronic acid restores moisture and elasticity to tired skin. ZFill deep² is suitable for correcting moderate to deep lines, wrinkles and sunken areas of skin. It is also ideal for improving facial contours and increasing volume. Because of their outstanding viscoelastic properties, the gel implants can be injected through a thin needle with ease and accuracy. The cosmetic effect is immediate and lasts for up to a year.

Properties: monophasic, sterile, isotonic and biodegradable, viscoelastic, clear and homogenised

Duration of effect: 8 – 12 months

deep²

Treatment areas

Cheeks

Nasolabial lines

Marionette lines

Chin

Sunken areas of the face



ZFill: For perfect contours.

Forehead lines (“worry lines”)

Z Fill contour², Z Fill refresh²

Glabella lines (“frown lines”)

Z Fill contour², Z Fill refresh²

Periorbital lines (“crow’s feet”)

Z Fill contour², Z Fill refresh²

Sunken cheeks

Z Fill deep²

Nasolabial lines

Z Fill contour², Z Fill refresh², Z Fill deep²

Perioral lines (smoker’s or lipstick lines)

Z Fill contour², Z Fill refresh²

Lips

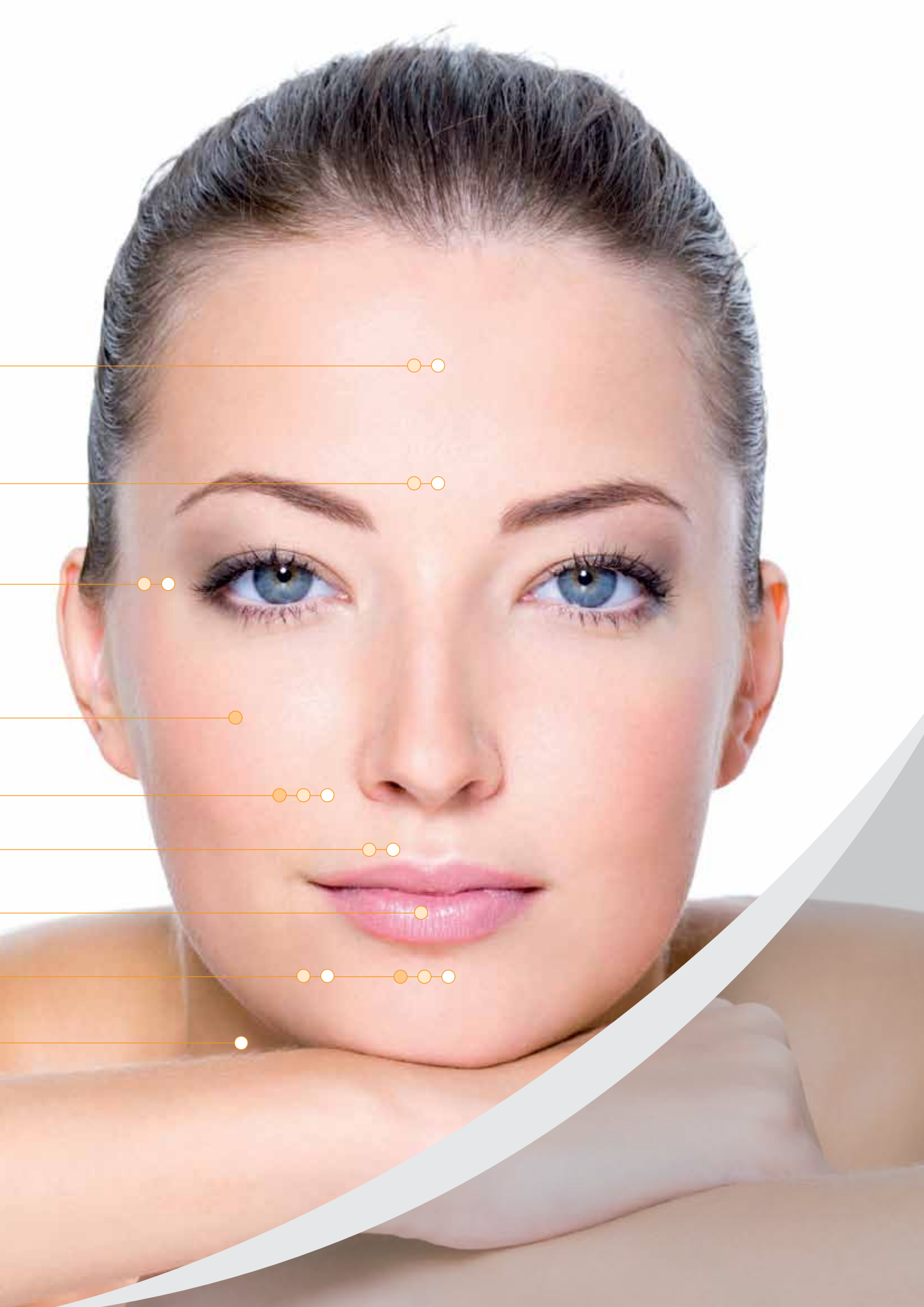
Z Fill contour²

Marionette lines, Periorbital rhytides

Z Fill contour², Z Fill refresh², Z Fill deep²

Neck, neckline, backs of the hands, upper arms

Z Fill refresh²



Using the Cryo 6 Derma cold air device when administering fillers

Cool the skin to around 10 – 15° C for a few seconds before giving the injection to produce an analgesic effect. Now inject Z Fill carefully but promptly into the dermis and massage the treated area to distribute the product evenly and to prevent side-effects.

Even without an anaesthetic, patients experience significantly less pain and tolerate the treatment much better. A brief period of post-cooling also prevents unsightly swelling and reddening. Your patients should exercise the mimetic musculature as little as possible for up to two hours. This helps the implant integrate into the surrounding cell cluster.

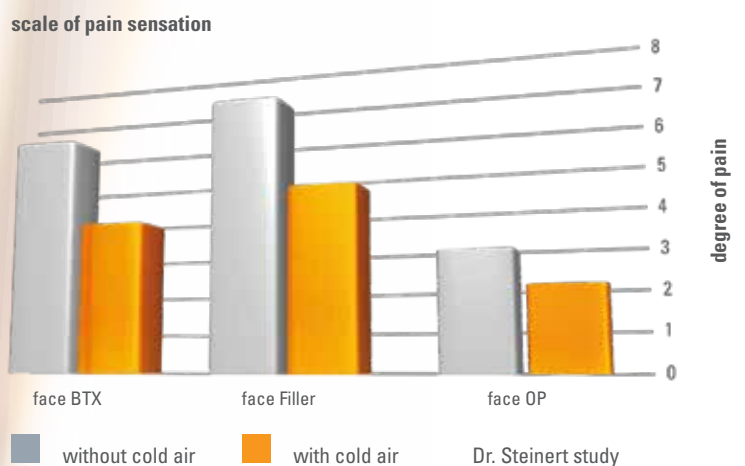
Virtually painless procedures



Benefits for the doctor and patients:

- Your patient does not have to undergo an anaesthesia
- You can start work immediately, without waiting for the anaesthetic effect
- There are no unwanted interactions between different substances injected

Diagram „reduced pain sensitivity“ BTX, fillers and surgery



Studies show that Cryo 6 Derma significantly reduces the pain associated with facial treatments



The anti-aging system for skin at any age

| | | | |
|----------------------------------|---|---|---|
| Product | ZFill re- fresh ² hyaluronic acid gel | ZFill contour ² hyaluronic acid- gel-implant | ZFill deep ² hyaluronic acid- gel-implant |
| Treatment Option | Mesotherapy, lasting hydration and revita- lisation | Correction of superfi- cial and deeper facial lines, lip contours and lip volume | Correction of deep lines and wrinkles, sunken areas of skin, facial contours and increased volume |
| Areas to be treated | Face, neck, neckline, backs of the hands, upper arms | Brow lines, glabella lines, periorbital wrinkles, nasolabial lines, periorbital rhytides, marionette lines, lip volume and lip contours | Cheeks, nasolabial lines, marionette lines, chin, sunken facial areas |
| Hyaluronic acid concentration | 18 mg/ml | 23 mg/ml | 23 mg/ml |
| Stabilizer/crosslinker | Glycerin | BDDE | BDDE |
| Degree of cross-linking | - | + | ++ |
| Molecular weight | 2,5 mio. daltons | 2,5 mio. daltons | 3 mio. daltons |
| Injection depth | Upper dermis | Middle dermis | Lower dermis |
| Duration of effect | 3 – 4 months after 3 treatments in the first two months | 6 – 9 months | 8 – 12 months |
| Packaging | 1 x 1 ml | 1 x 1 ml | 1 x 1 ml |
| Needle | 2 x 30G ½ | 2 x 27G ½ | 2 x 27G ½ |

Marketing materials



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