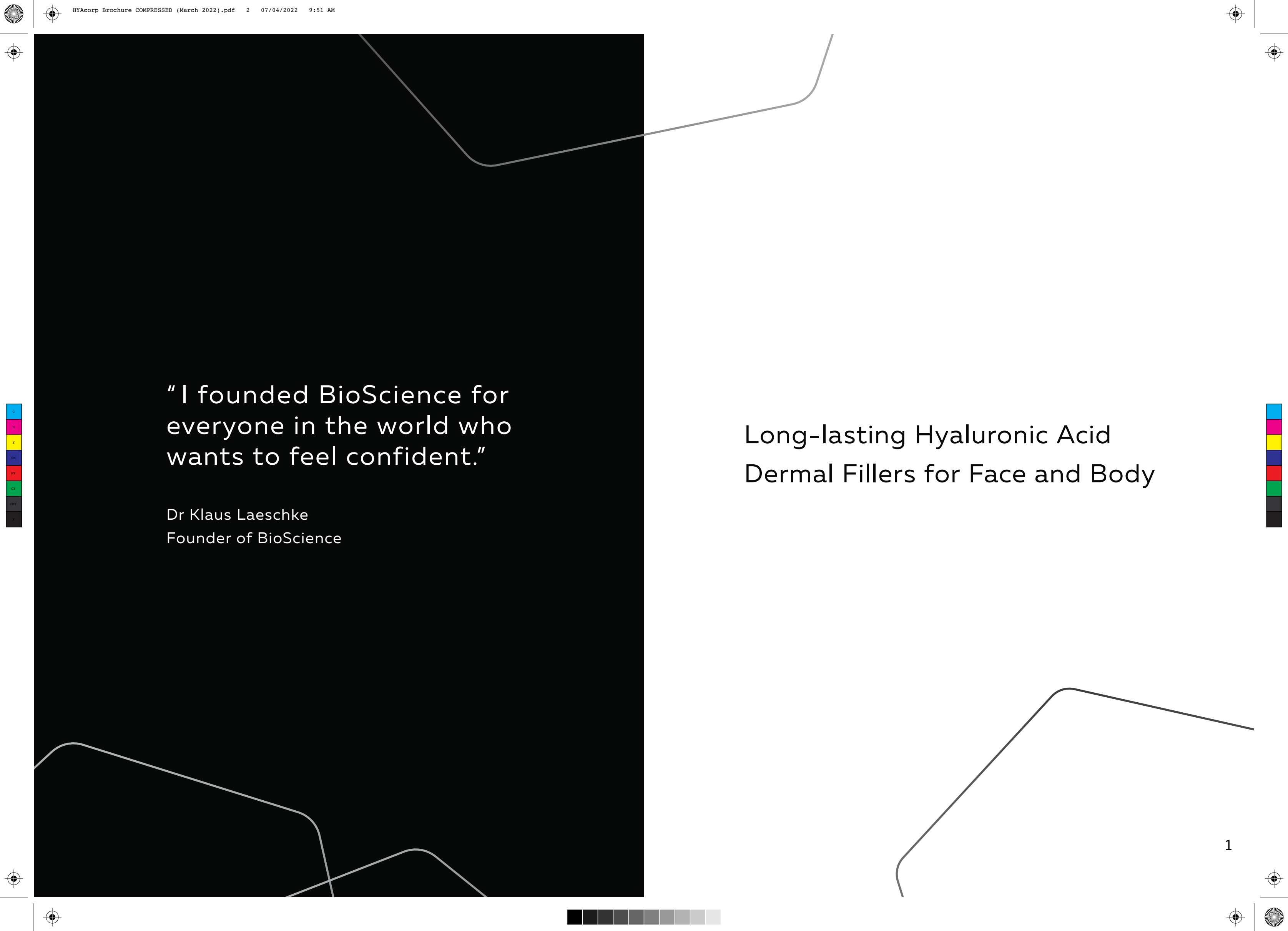




HYACORP

Bio | SCIENCE

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“I founded BioScience for  
everyone in the world who  
wants to feel confident.”

Dr Klaus Laeschke  
Founder of BioScience

Long-lasting Hyaluronic Acid  
Dermal Fillers for Face and Body





4	About Us
6	Safety
8	Biointegration & Biocompatibility
10	About HYAcorp
12	Face Products
18	Body Products
22	Face Indications
23	Body Indications
24	Results
26	Specifications





# Experts in Injectable Hyaluronic Acid since 2001

The base of our expertise comes from a holistic approach to the manufacturing process of medical devices based on hyaluronic acid for the health industry. Since 2001, we have been pursuing the development of innovative injectable products for various medical fields, such as dentistry, general surgery, urology, and orthopedics.

Since entering the aesthetics market in 2006, our knowledge and experience have brought us the trust of the most recognized plastic surgeons and dermatologists worldwide.

Keeping training and research as key pillars for our growth, we work with internationally renowned doctors in the fields of plastic surgery, dermatology and aesthetics that contribute to the development of our products with their knowledge and expertise.

As part of our ongoing alignment to the global standards, BioScience maintains relationships and cooperation with research institutes, as well as international societies of plastic surgeons and dermatologists world-wide.

Renowned for high quality, proven results and exceptional safety profile, our product portfolio is the effect of the most in-depth evaluations – all to bring



BioScience is a German expert in the field of aesthetics committed to helping people in maintaining a youthful appearance and ultimately improving their overall quality of life.



## The Exceptional Safety Profile

Safety of HYAcorp is a result of two decades of experience in manufacturing medical devices based on hyaluronic acid of the highest purity and non-animal origin in the state-of-the-art facilities.

We follow the stringent quality and safety requirements which are proven by the notified bodies. As a continuous commitment to improving doctors and patients' safety, we regularly conduct clinical trials to test and reconfirm the quality of our devices. Every batch of our medical products is tested by our contracted laboratory for its endotoxin content (according to the Ph. Eur. LAL test) and brought to the market only when it is completely verified.



**DIN EN ISO 13485**  
Comprehensive Management System  
for the Design and Manufacture of  
Medical Devices

**CE MARK 2409**  
Conformity with Health, Safety, and  
Environmental Protection Standards





# Optimal Biointegration Scientifically Proven Biocompatibility

Selection of the best procedures to produce stable, highly pure and injection-optimized products is at the heart of our expert team.

The manufacturing process of HYAcrop uses only the highest-grade raw materials to preserve the natural skin integrity and allow products to distribute evenly in the connective tissue, with the minimum probability of causing inflammatory cells.

HYAcrop dermal fillers have a great biointegration and high tolerability profile, verified to be endotoxin- and BDDE-free\*. Their safety has been also confirmed by the biocompatibility tests, conducted according to the ISO classification\*\*.

\*A residual level of unreacted BDDE of <2ppm has been considered safe in an FDA risk assessment report (see STED. 6.3.7.1). The specification of HYAcrop is <0,001 mg/ml.  
\*\*Test performed in an external laboratory accredited for the corresponding studies.

BIOLOGICAL EFFECT	TEST STANDARD AND METHOD	RESULTS
CYTOTOXICITY	<b>DIN EN ISO 10993-5</b> Subconfluent monolayer of L929 cells	No cytotoxic reaction on cell cultures
INTRACUTANEOUS REACTIVITY	<b>DIN EN ISO 10993-10</b> Intracutaneous injection	No intracutaneous reactions caused
SENSITIZATION	<b>DIN EN ISO 10993-10</b> Closed patch sensitization test	No sensitization of test sample detected
ACUTE SYSTEMIC TOXICITY	<b>DIN EN ISO 10993-11</b> Mouse lymphoma assay	No toxic reactions
SUBCHRONIC / SUBACUTE TOXICITY	<b>DIN EN ISO 10993-11</b> 90 day subchronic toxicity test	No toxic reactions
GENOTOXICITY	<b>DIN EN ISO 10993-3</b> Bacterial test strains, mouse lymphoma and Ames test	No genotoxic reactions
IMPLANTATION	<b>DIN EN ISO 10993-6</b> 90 day implantation assay	No tissue reactions caused when compared to baseline
CARCINOGENICITY	<b>DIN EN ISO 10993-3</b>	No effects caused when compared to baseline



# The Art of Long-lasting Face and Body Contouring

HYAcorp is a range of biphasic dermal fillers, designed for face contouring and rejuvenation, as well as body augmentation. As manufacturers with a long history of industry experience, we pride ourselves on using the most advanced technology that contributes to the highest quality of our products, as well as their long-lasting effect.

## Defined Particle Size and the Relevant Concentration of Hyaluronic Acid

HYAcorp dermal fillers are produced with defined particle size and a relevant concentration of hyaluronic acid, which increases their duration, as well as ensures gel’s viscoelasticity and great effects in terms of volume.

## Advanced Thixotropic Technology

A special manufacturing process determines how HYAcorp gel’s molecules behave during and after injection, giving them the ability to immediately return to their original viscosity when the product is spread from the syringe.

## Double Cross-linking

In HYAcorp products, we use double cross-linking to elevate the duration of hyaluronic acid. As a result of this process, cross-linked hyaluronic acid particles are suspended in a non-cross-linked hyaluronic acid solution.

84%

were satisfied with the quality of HYAcorp face and body fillers\*.

89%

confirmed that HYAcorp gel was easy to modulate in the dermis\*.

89%

claimed that the application of HYAcorp was smooth and homogenous\*.





# FACE LINE



HYAcorp face fillers restore skin elasticity and overall facial harmony. They effectively reduce the appearance of unwanted wrinkles, contour and create volume, rejuvenate the skin, and replace lost hyaluronic acid, while ensuring satisfactory long-lasting duration.

Each product varies in its crosslinking degree between 0-20%, particle size and concentration of hyaluronic acid. The correct combination of these factors is what allows every dermal filler to suit the specific area of injection, as well as the needs of an individual patient.

Non-surgical procedure with HYAcorp is carried out under local anesthesia and gives results almost immediately, excluding any possible downtime for the patient.



RESTORED  
FACIAL HARMONY



HIGH PATIENT'S  
COMFORT



IMMEDIATE  
RESULTS















## HYAcorp FINE



- **INDICATION**  
FINE LINES, PERIORBITAL LINES, SUPERFICIAL WRINKLES
- **BENEFITS**  
GLOW EFFECT, IMPROVED ELASTICITY AND HYDRATION
- **CONCENTRATION PER ML**  
NON-CROSS-LINKED HA: 14MG
- **SYRINGE SIZE**  
1.0ML
- **INCLUDED**  
NEEDLE 30G
- **DURATION\***  
UP TO 30 DAYS
- **STABILIZATION\*\***  
NO
- **INJECTION DEPTH**  
HYPERDERMIS









\*Only empirical values. Duration depends on several factors (injection site, depth of injection, enzyme equipment of the patient) and is therefore individual.

\*\*Stabilization by cross-linking with BDDE. The BDDE specification in HYAcorp is <0,001 mg/ml.



## HYAcorp LIPS



- **INDICATION**  
LIPS
- **BENEFITS**  
LIPS AUGMENTATION, RESTORATION OF LOST VOLUME AND CONTOUR
- **CONCENTRATION PER ML**  
NON-CROSS-LINKED HA: 2MG  
CROSS-LINKED HA: 16MG
- **SYRINGE SIZE**  
1.0ML
- **INCLUDED**  
NEEDLE 30G
- **DURATION\***  
UP TO 12 MONTHS
- **STABILIZATION\*\***  
YES
- **INJECTION DEPTH**  
MID-DERMIS

\*Only empirical values. Duration depends on several factors (injection site, depth of injection, enzyme equipment of the patient) and is therefore individual.

\*\*Stabilization by cross-linking with BDDE. The BDDE specification in HYAcorp is <0,001 mg/ml.





















## HYAcorp MLF 1









- **INDICATION**  
HANDS, CALVES, BODY  
CONCAVE DEFORMITIES
- **BENEFITS**  
RESHAPING AND RESTORATION  
OF LOST VOLUME AND CONTOUR
- **CONCENTRATION PER ML**  
NON-CROSS-LINKED HA: 2MG  
CROSS-LINKED HA: 20MG
- **SYRINGE SIZE**  
10.0ML
- **ADVISED**  
CANNULA 22G
- **DURATION\***  
UP TO 18 MONTHS
- **STABILIZATION\*\***  
YES
- **INJECTION DEPTH**  
HYPODERMIS

\*Only empirical values. Duration depends on several factors (injection site, depth of injection, enzyme equipment of the patient) and is therefore individual.

\*\*Stabilization by cross-linking with BDDE. The BDDE specification in HYAcorp is <0,001 mg/ml.



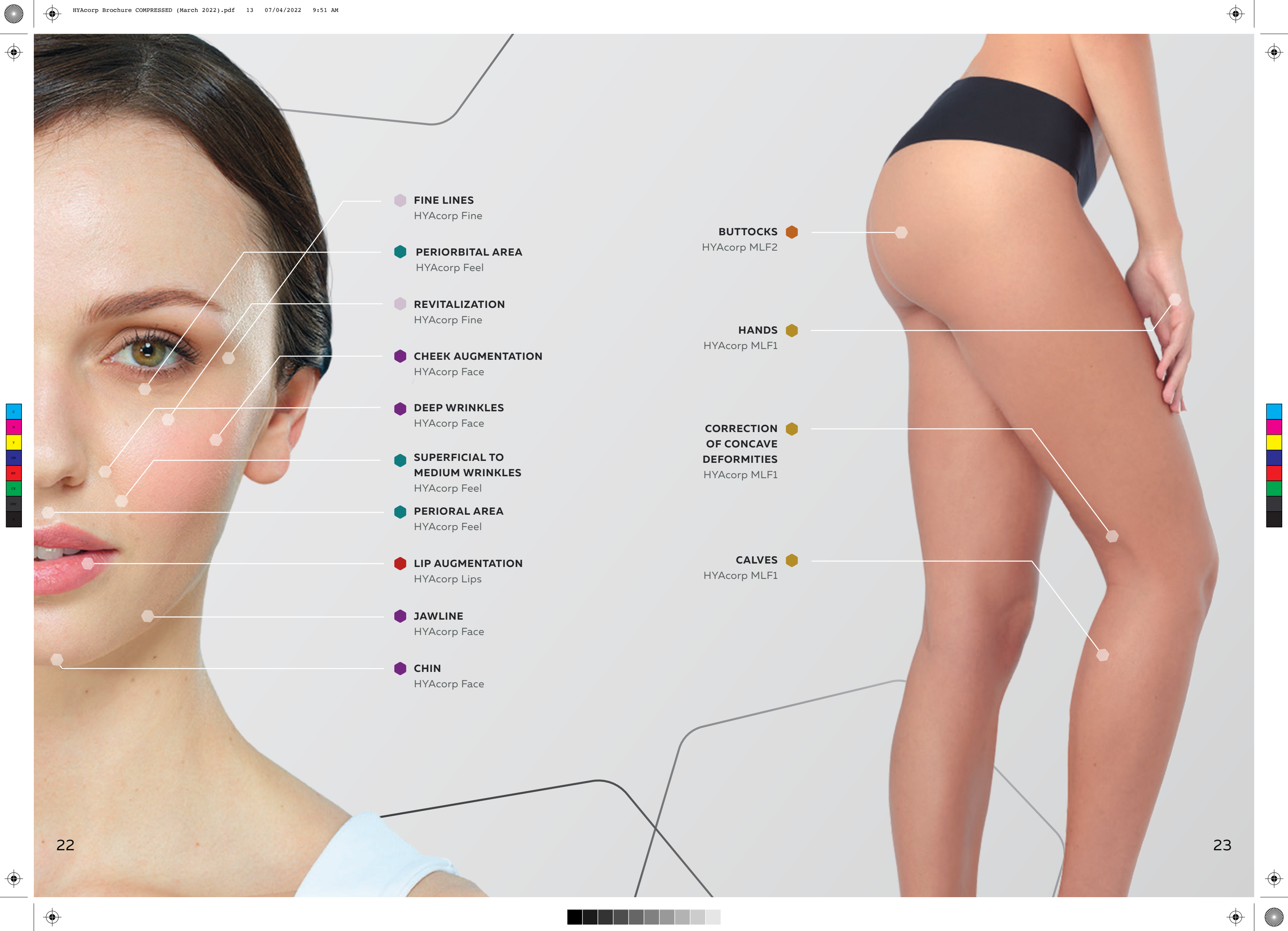
## HYAcorp MLF 2











- **INDICATION**  
BUTTOCKS
- **BENEFITS**  
RESHAPING AND RESTORATION  
OF LOST VOLUME AND CONTOUR
- **CONCENTRATION PER ML**  
NON-CROSS-LINKED HA: 2MG  
CROSS-LINKED HA: 20MG
- **SYRINGE SIZE**  
10.0ML
- **ADVISED**  
CANNULA 18G
- **DURATION\***  
UP TO 18 MONTHS
- **STABILIZATION\*\***  
YES
- **INJECTION DEPTH**  
HYPODERMIS

\*Only empirical values. Duration depends on several factors (injection site, depth of injection, enzyme equipment of the patient) and is therefore individual.

\*\*Stabilization by cross-linking with BDDE. The BDDE specification in HYAcorp is <0,001 mg/ml.





-  **FINE LINES**  
HYAcorp Fine
-  **PERIORBITAL AREA**  
HYAcorp Feel
-  **REVITALIZATION**  
HYAcorp Fine
-  **CHEEK AUGMENTATION**  
HYAcorp Face
-  **DEEP WRINKLES**  
HYAcorp Face
-  **SUPERFICIAL TO MEDIUM WRINKLES**  
HYAcorp Feel
-  **PERIORAL AREA**  
HYAcorp Feel
-  **LIP AUGMENTATION**  
HYAcorp Lips
-  **JAWLINE**  
HYAcorp Face
-  **CHIN**  
HYAcorp Face

**BUTTOCKS**  
HYAcorp MLF2

**HANDS**  
HYAcorp MLF1

**CORRECTION OF CONCAVE DEFORMITIES**  
HYAcorp MLF1

**CALVES**  
HYAcorp MLF1



# Before and After

## LIPS

HYAcorp Lips



## HANDS

HYAcorp MLF1



## JAWLINE

HYAcorp Face



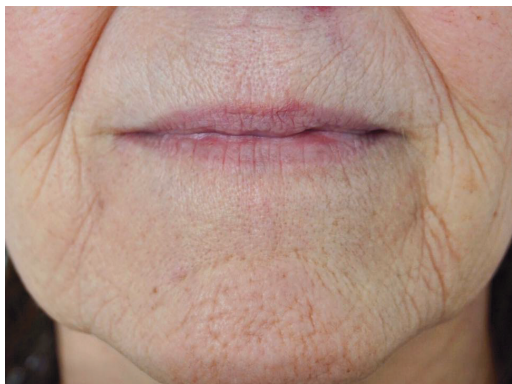
## BUTTOCKS

HYAcorp MLF2



## JAWLINE, MARIONETTE LINES, REJUVENATION

HYAcorp Fine, Face









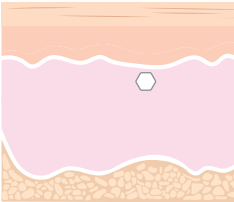
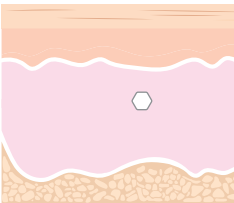
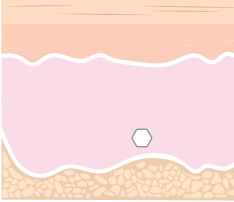
## BUTTOCKS

HYAcorp MLF2



Product Comparison

PRODUCTS	INDICATION	BENEFITS	NON-CROSS-LINKED HA CONCENTRATION (PER 1.0ML)	CROSS-LINKED HA CONCENTRATION (PER 1.0ML)
<div><p>HYAcorp Fine</p></div>	FINE LINES, PERIORBITAL LINES, SUPERFICIAL WRINKLES	GLOW EFFECT, IMPROVED ELASTICITY AND HYDRATION	14MG	-
<div><p>HYAcorp Lips</p></div>	LIPS	RESTORATION AND AUGMENTATION OF LOST LIPS VOLUME AND CONTOUR	2MG	16MG
<div><p>HYAcorp Feel</p></div>	SUPERFICIAL TO MEDIUM WRINKLES, PERIORAL AND PERIORBITAL AREA	TREAT THE FIRST SIGNS OF AGING	2MG	18MG
<div><p>HYAcorp Face</p></div>	CHEEKS, JAWLINE, MEDIUM TO DEEP FOLDS IN THE NASOLABIAL AND GLABELLA AREA	RESTORATION OF THE FACIAL VOLUME AND CONTOUR	2MG	20MG
<div><p>HYAcorp MLF1</p></div>	HANDS, CALVES, BODY CONCAVE DEFORMITIES	NON-INVASIVE RESHAPING AND RESTORATION OF LOST VOLUME AND CONTOUR	2MG	20MG
<div><p>HYAcorp MLF2</p></div>	BUTTOCKS	NON-INVASIVE RESHAPING AND RESTORATION OF LOST VOLUME AND CONTOUR	2MG	20MG

SYRINGE SIZE	NEEDLE/CANNULA	DURATION*	STABILIZATION**	INJECTION DEPTH
1.0ML	INCLUDED: NEEDLE 30G	UP TO 30 DAYS	NO	
1.0ML	INCLUDED: NEEDLE 30G	UP TO 12 MONTHS	YES	
2 X 2.0 ML	ADVISED: NEEDLE 30G	UP TO 12 MONTHS	YES	
1.0ML 2x2.0ML	INCLUDED: (1.0ml) NEEDLE 30G  (2x2.0ml) SOFTFILL KIT CANNULA 27G NEEDLE 27G	UP TO 12 MONTHS	YES	
10.0ML	ADVISED: CANNULA 22G	UP TO 18 MONTHS	YES	
10.0ML	ADVISED: CANNULA 18G	UP TO 18 MONTHS	YES	

\*Only empirical values. Duration depends on several factors (injection site, depth of injection, enzyme equipment of the patient) and is therefore individual.  
\*\*Stabilization by cross-linking with BDDE. The BDDE specification in HYAcorp is <0,001 mg/ml.



