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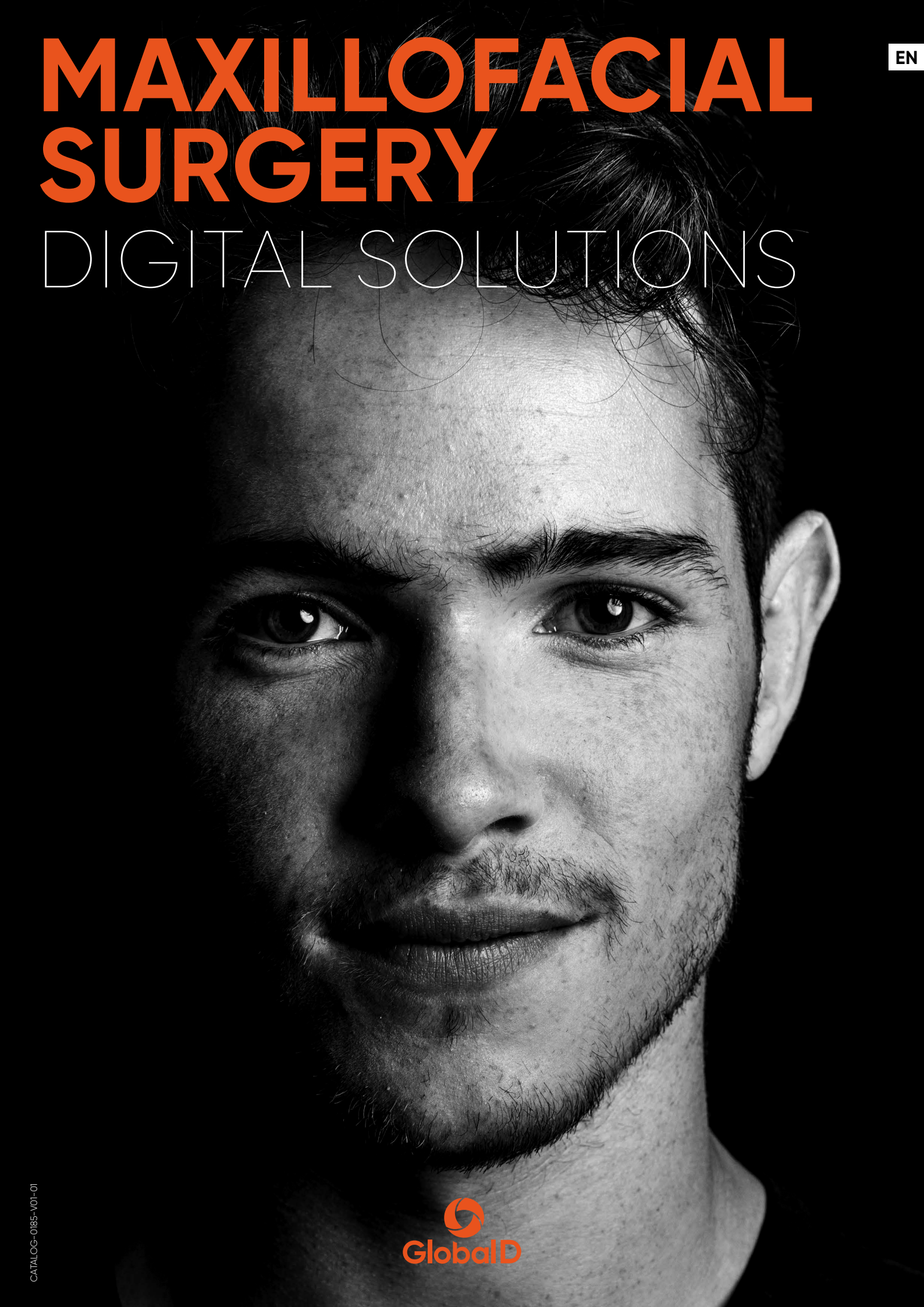
MAXILLOFACIAL SURGERY

DIGITAL SOLUTIONS



GlobalD

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Reveal your patients' ***personality***

Facial appearance is central to our emotions, our expressions and our identity.

An uneven smile, a misaligned jaw, visible asymmetry...

For many people, these signs are so much more than an aesthetic imperfection: they are **invisible barriers** preventing them living life to the full.

Studies have confirmed that facial appearance influences the perception of personality in the social and professional spheres*.

We are convinced that a successful treatment changes more than a profile. It helps reveal one's true self.

GlobalD

* https://pubmed.ncbi.nlm.nih.gov/24874952

Increase synergies

For over **40 years**, we have been placing our **industrial** and **clinical expertise** at your disposal so that together, we can give your **patients** their **smile** back.

Global D is a French manufacturer which has always centred itself on preserving biological width. This sensibility enables us today to have a therapeutic arsenal, used for the specialities of **implantology**, **orthodontics** and **maxillofacial**.

+20,000
users in the **world**

+10 million
medical **devices** made by **Global D** in the **world**

French expertise deployed internationally

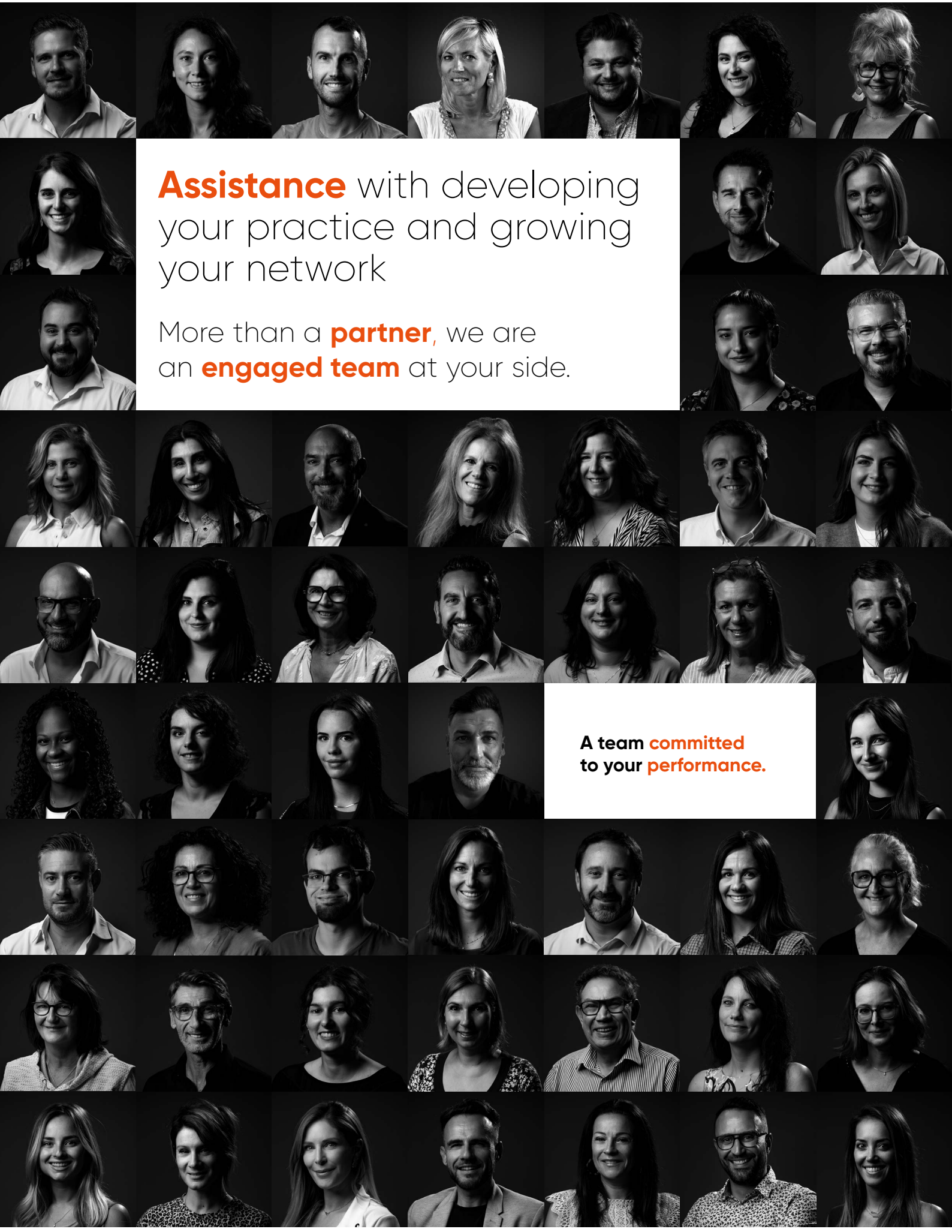
+25
countries

A subsidiary in **Italy** since **2011**

A subsidiary in **Spain** since **2016**

A subsidiary in **Poland** since **2018**

LA FRENCH FAB



Assistance with developing your practice and growing your network

More than a **partner**, we are an **engaged team** at your side.

A team committed to your performance.

Grow your network with
+250
events/year worldwide

LES ESSENTIELS

It's more than a conference - it's a breath of fresh air

Between **aesthetics** and **function**. Between innovation and **common sense**. Between **science** and **intuition**.

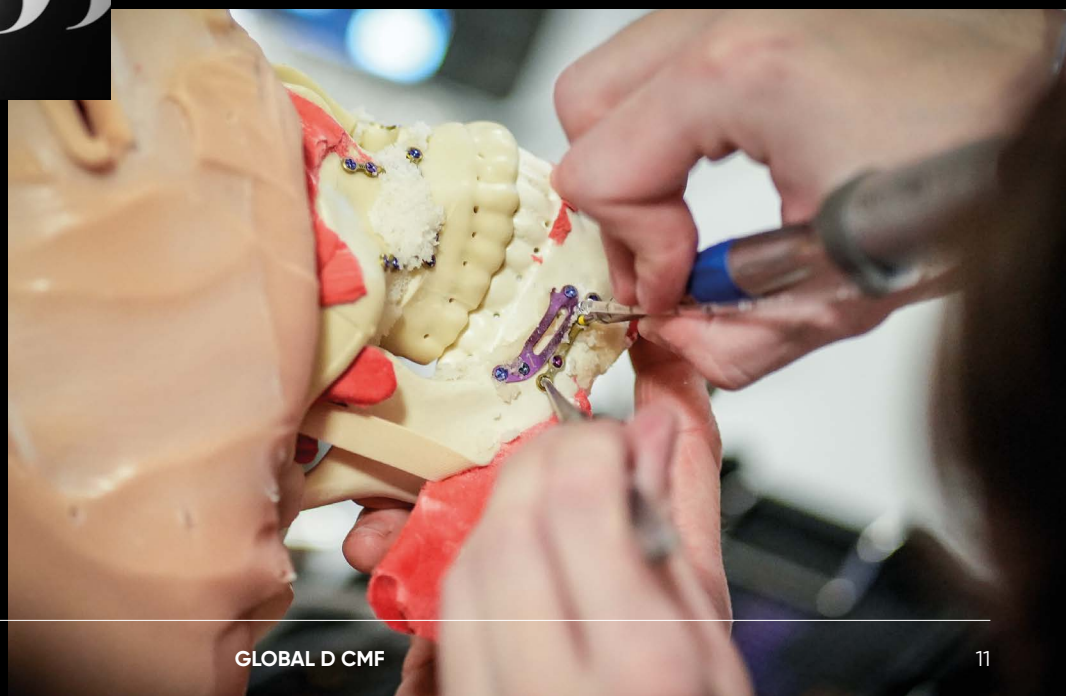
Les Essentiels is that rare moment where **practice is refined**, where we allow ourselves to **question**, in order to **progress**, where we leave with ideas, techniques... and sometimes, a **renewed vision**.

The leading orthodontic-surgical conference

Les Essentiels brings together **orthodontists** and **maxillofacial surgeons** with the same goal: to improve orthodontic-surgical management. Complex indications, digital planning, therapeutic coordination, innovations...

A **global vision for the patient**, based on dialogue and coordination. An exacting, interactive format. **Renowned experts**, **clinical cases**, **exchanges between practitioners**, **masterclasses** & **practical exercises**.

FIND OUT MORE +

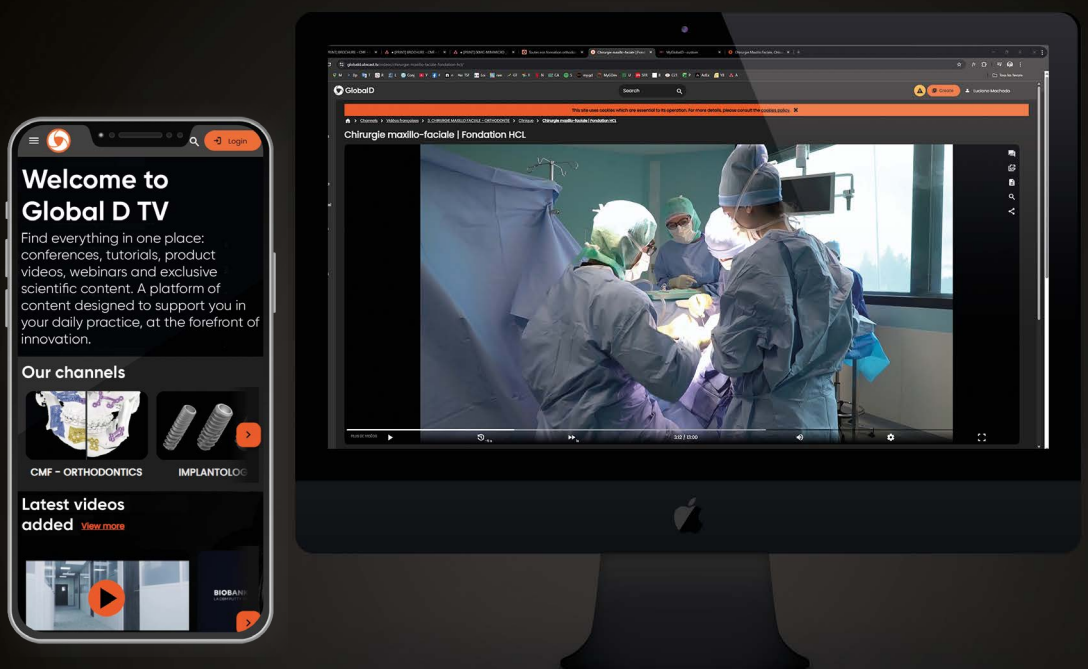


Shared expertise, a customised experience.

tv.globald.com

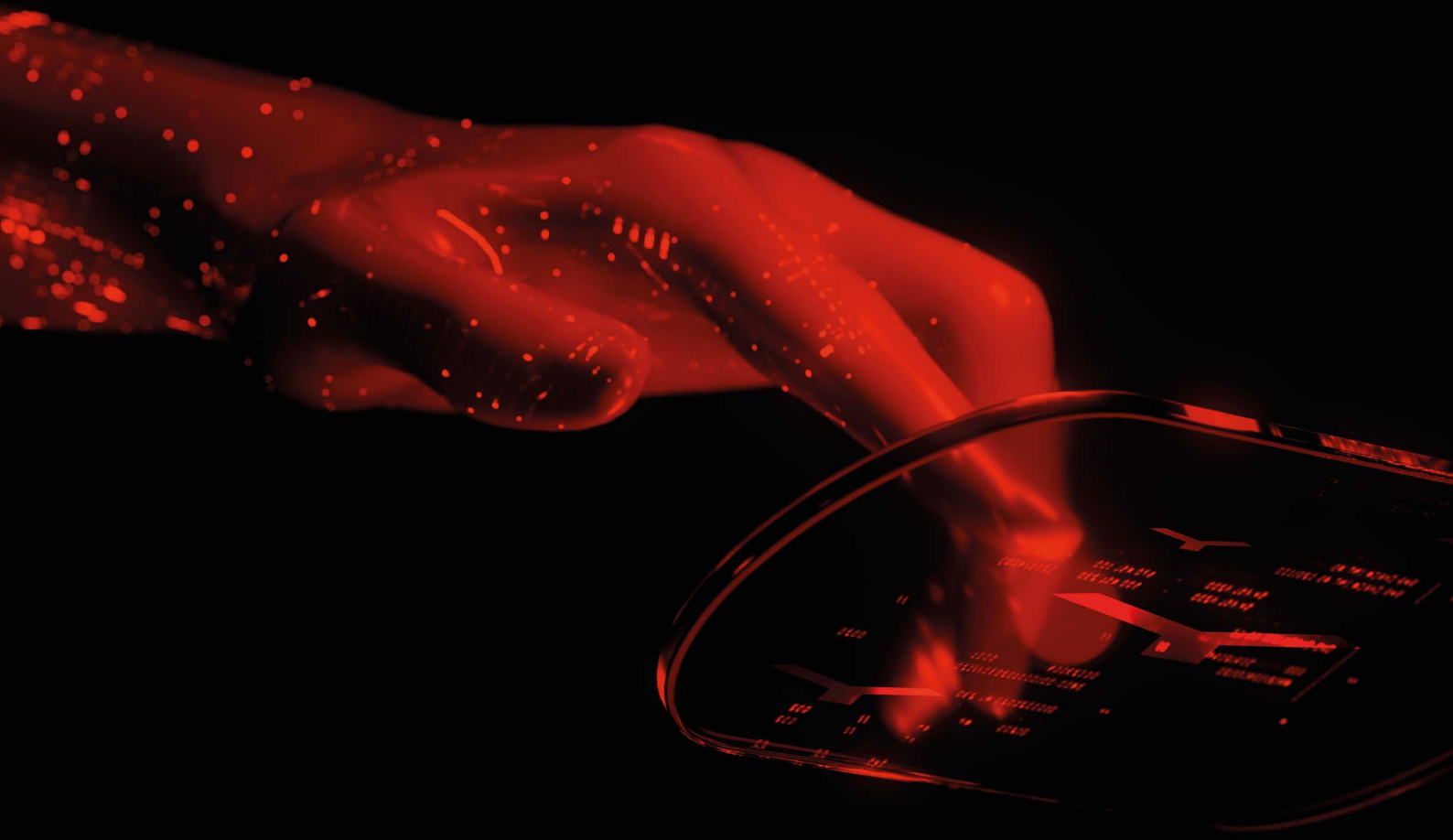
EXPERTISE ON VIDEO

Explore the world of implantology:
the **surgical procedures**, **inspiring conferences** and all
the **scientific understanding** of Global D products.



FIND OUT MORE +

Digital Solutions



Enter **Global D's open digital world** and remain free to choose which technology you use. We will help you to install the right solution to meet your needs, **and support you in your digital projects.**

The use of **digital solutions** in **maxillofacial surgery** has grown significantly in all fields.

From orthognathic surgery to reconstruction, and including regeneration, the latest generation of three-dimensional acquisition associated with **advanced technologies** for segmentation and conversion of diagnostic files, enables **three-dimensional models** to be obtained which can be used to **simulate maxillofacial surgery**.

Why plan?

01 A calm, precise, and effective surgical procedure.

02 To share the surgical treatment plan with the orthodontist.

03 To reassure and reduce anxiety.

04 To involve and convince the patient of the surgical necessity of their case.

05 Our solutions have been designed and developed by highly experienced engineers, prosthetists and surgeons. They meet high quality and regulatory standards, enabling us to obtain reproducible results.

Present at each **key moment**

iTero

Intra-orals cameras **mobile**, **precise** and **easy** to set up

- **With digital orthognathic surgery, everything relies on the initial precision.**
- The iTero camera enables reliable optical acquisition, directly integrated with the 3D planning workflow.

ITERO LUMINA™

intraoral scanner

RESULT: improved occlusal intervention, fewer perioperative adjustments and seamless collaboration with the orthodontist.

iTero secures the surgical plan from the first step.

Proven clinical reliability: stable, repeatable and immediately usable data

Ortho–surgical integration: continuity between impression, orthodontic set-up and surgical plan

Occlusal precision: reliable capture of inter-arches, fewer perioperative adjustments

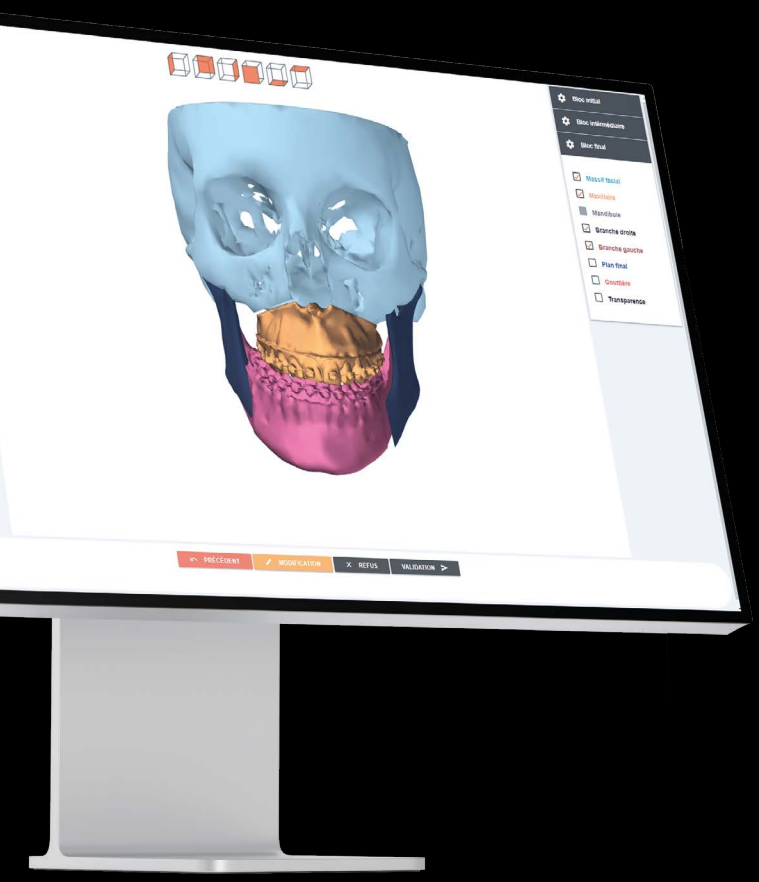
Sustainable assistance: continuous training, support and updates

Manufacturer: Align

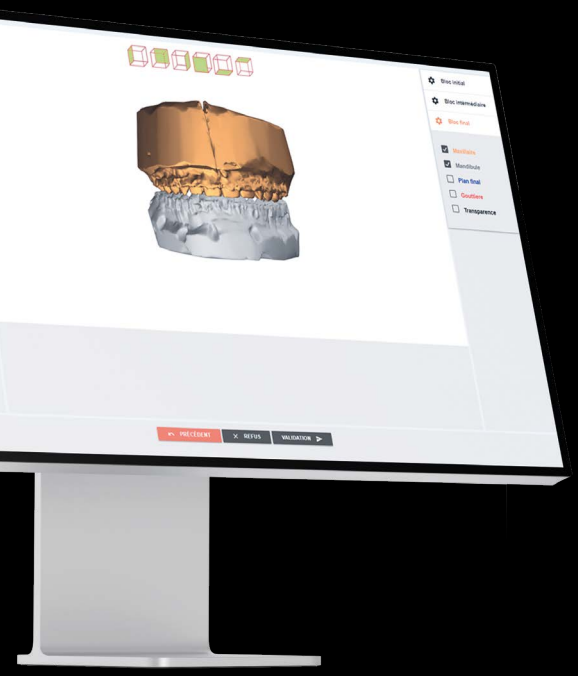
Digital Solutions **Platform**

Control the design of your surgical projects

Digital Solutions Platform transforms a complex surgical pathway into a **clear** and **readable procedure**.



- Planned orthognathic surgery and genioplasty
- Planned aesthetic surgery
- Assisted maxillary distraction



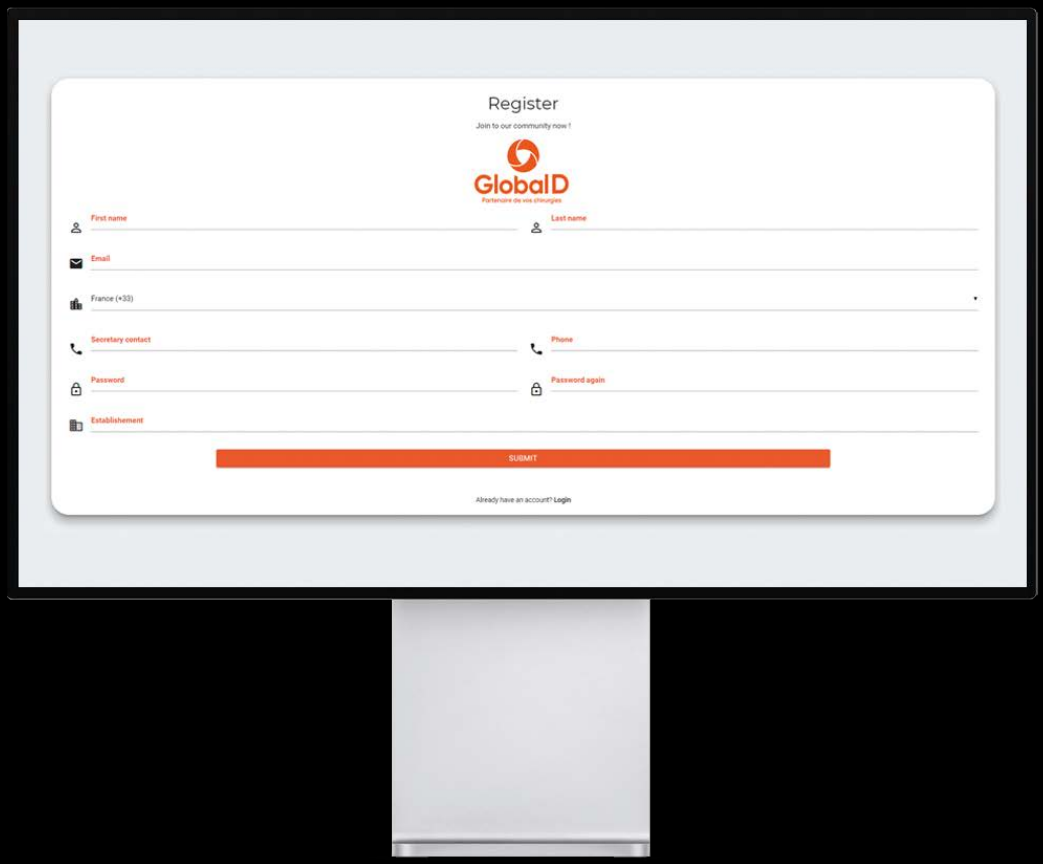
CONTINUITY BETWEEN DESIGN AND MANUFACTURE

ONE SINGLE POINT OF ENTRY

SECURE DATA

CONTROLLED PROCEDURE

DECISIONS MADE EASIER



Find out about our
Digital Solutions
platform

Planning supported by Global D

A service with **dedicated engineering**

As well as the platform, **Global D** provides you with its team of engineers **specialised** in the use of **digital tools** for planning **maxillofacial surgery**.

TRUE CLINICAL COLLABORATION

TECHNICAL ANALYSIS OF YOUR CASES

OPTIMISATION OF TREATMENT PLANS

SAFEGUARDING OF COMPLEX INDICATIONS

RESPONSIVENESS AND DEDICATED CONTACT

EACH PROJECT BENEFITS FROM:

- A dedicated technical dialogue
- Assistance with planning
- The perspective of an experienced maxillofacial prosthetist
- Customised adjustment via webmeeting

+10 engineers
in France and Italy

+2 experts
maxillofacial
prosthetist

Planned orthognathic surgery & genioplasty

From the data to the **decision**

YOUR SURGICAL EXPERTISE

- **Clinical analysis**
- **Functional** and **morphological** decisions
- **Control** of the operative procedure

OUR EXPERT SUPPORT

- **Analysis of cases**
- **Design** of devices
- **Safeguarding** of **planning**

A PLATFORM TO ORGANISE AND SIMPLIFY

- **Centralisation** of **data**
- **Clear** visualisation of steps
- **Seamless** project **tracking**

DECISIONS MADE WITH CONFIDENCE

- **Secure data**
- **Controlled** procedure
- **Continuous collaboration**

Design differently. **Together.**

Romexis®
CMF SURGERY

Design software for **orthognathic surgery**

Romexis® CMF Surgery supports surgeons when preparing for surgical procedures by organising and cross-referencing all the patient data.
The software provides a clear workable reading of the clinical situation to anticipate each step with precision.

WHAT ROMEXIS CHANGES IN YOUR PRACTICE:

- Centralisation of data from **CBCT, 2D** imaging, **intra-oral** scans and **STL** files combined in one **single platform**
- **Precise anatomical analysis**, clear reading of **bone structures** and **areas of surgical interest**
- **Controlled planning of surgery**, simulation of **bone movements** and preparation for osteotomies
- **Customised** design of devices **STL export** for **aligners**

Designed for maxillofacial surgery:
Orthognathic surgery, osteotomies and complex protocols, when precision and proactive planning are essential.

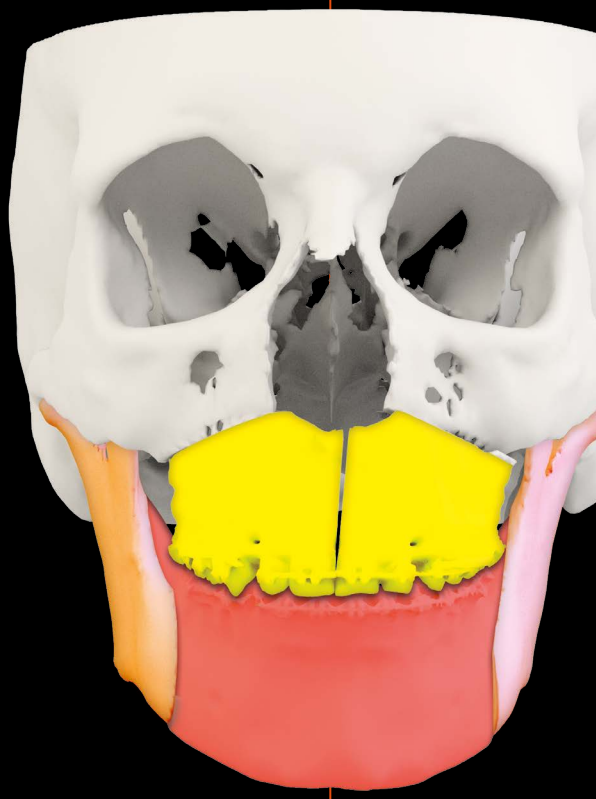
Romexis® CMF Surgery, see things differently for better decision-making

Two solutions. One identical requirement for **precision.**

The use of **digital planning** in orthognathic surgery enables **reliable transfer** of **pre-operative decisions** to the operating theatre.

Digital planning can lead to the design and use of two types of transfer tools in the operating theatre depending on the surgical philosophy and the level of guiding required:
Customised surgical aligners and/or custom predrilling cutting guides and implants.

Developed by **Global D**, these solutions are based on **expert knowledge**, high-quality devices manufactured in Europe and **complete control of digital workflow**, and provide surgical precision, foresight and calm.



Custom guides & plates

3D PLANNING.
SURGICAL PRECISION.
CUSTOMISED RESULTS.

The **custom-made** Global D guides and plates adapt to **all surgical philosophies** and precisely reflect the **3D planning**.

Designed by **expert CMF engineers**, manufactured in Europe, they provide **precision**, **reproducibility** and the **least invasive approach possible** for the patient.

A PREMIUM SOLUTION

- **Customised guides and plates**
- **Control of bone movement**
- **Safeguarding of the surgical procedure**

A **controlled ecosystem**. Digital **continuity** via the **Digital Solutions platform**.

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SplinTek aligners

Occlusion as a signature of Global D

With **SplinTek**, the final occlusion is not simply a consequence of the surgical procedure, but a well-calculated outcome.

Thanks to **Global D expertise** and a **perfectly controlled surgical workflow**, each aligner is designed to **stabilise the occlusion**, ensure the **consistency of the treatment plan** and provide **perioperative reproducibility**.

A **custom** approach, to provide a **high-quality occlusion**, which is **durable** and **predictable**.

FIND OUT MORE +

More than **2,000 cases**/year

Planned aesthetic surgery

Each face is **unique**

CUSTOMISATION FOR FACIAL HARMONY

Each face is unique. Our **custom solutions** translate the clinical intention into **precise, consistent and customised aesthetic results**.

A **digital approach** for **clinical decision-making**.

Digital planning enables **visualisation of the expected result** and a clear, **reliable** and **enlightened** treatment plan.

TAILORED SOLUTIONS FOR MULTIPLE INDICATIONS. MANDIBULAR ANGLE AND SYMPHYSIS PROSTHESES ALSO FIND THEIR PLACE:

- As a complement or alternative to orthognathic surgery,
- For purely aesthetic reasons,
- Or in case of post-operative bone resorption or mandibular irregularities.

KEY BENEFITS

- **Speed**: optimised design and manufacturing timelines
- **Precision**: reliable, reproducible digital planning
- **Quality**: elevated medical requirements and meticulous finishing work
- **Simplicity**: seamless implementation in the operating theatre

FIND OUT MORE +

Assisted maxillary **distraction**

SURGICAL DISTRACTION
WITH BONE SUPPORT

Assisted maxillary distraction is a dedicated solution for skeletal corrections requiring controlled progressive expansion.

It enables predictable and secure management thanks to digital planning.

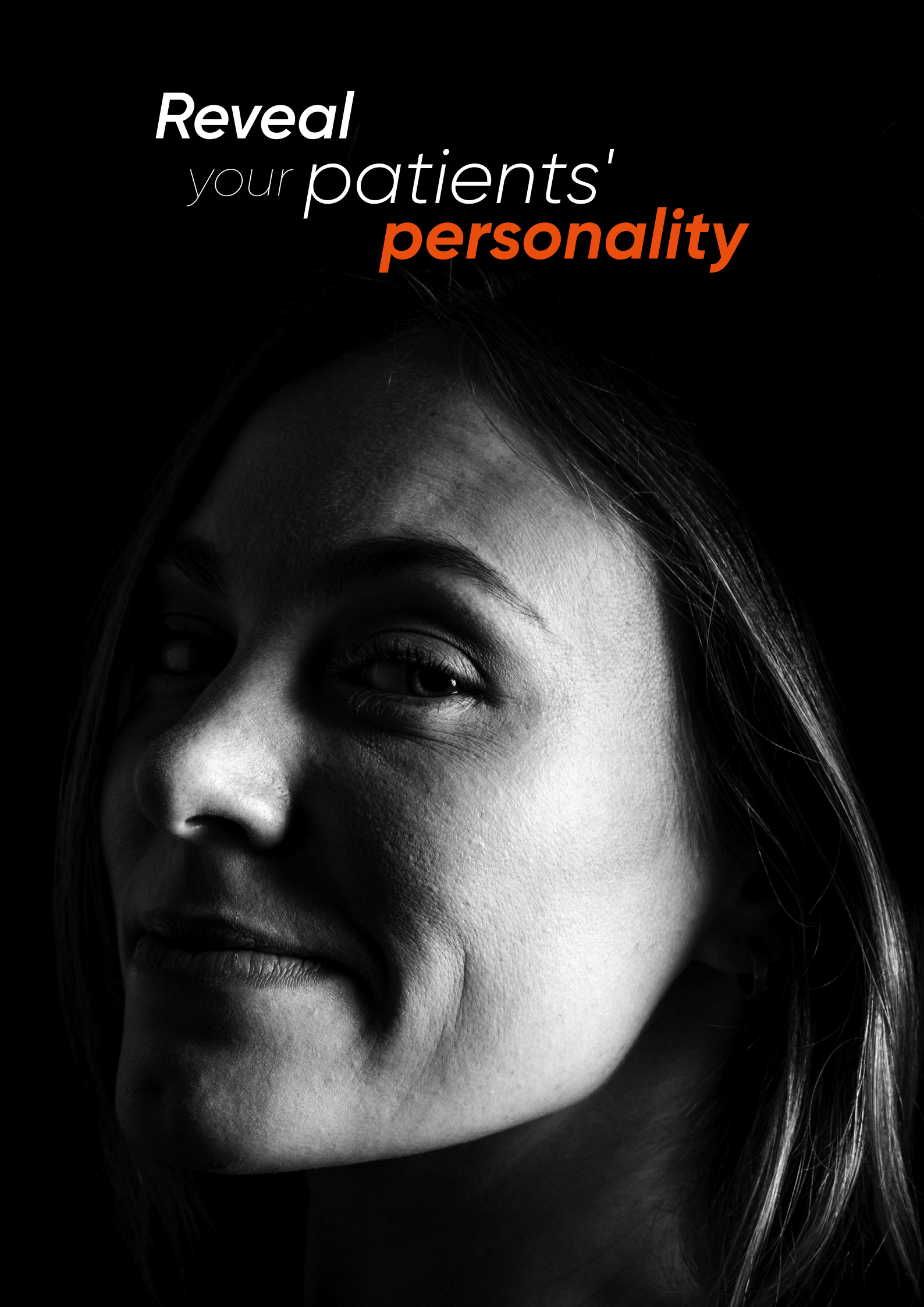
FIND OUT MORE +

- Compact device for **reduced space requirement**
- **Bone-supported**
- Direction of activation indicated by an arrow
- Distractor and placement guide are **grade 5 Titanium**
- Tooth-supported placement guide, for **easy installation**
- **No soldering**, ensuring improved mechanical resistance
- **Monobloc piece** designed by a patented process
- Effective **10mm** and **12 mm** activation available

ADVANTAGES

- **Optimised patient comfort**: Reduced space requirement and controlled installation.
- **Wide range of application**: Suitable for adults (**SARPE**) and children without bone cutting (**MARPE**), depending on clinical strategy.
- **Precise positioning**: Dedicated placement guide ensuring optimal positioning of the distractor, ensuring complete consistency with the plan.

Manufacturer: OneOrtho


Reveal
your patients'
personality

EN

FIELDS OF ACTIVITY

Implantology
Oral surgery
Pre-implant surgery
Craniomaxillofacial surgery
Reconstructive surgery
Facial trauma surgery
Cancer surgery
Orthodontics
Bone Graft
Orthognathic surgery
Training

Find all our solutions
at **www.globald.com**

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