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MedesyMAG

dec 2025

*A journey into people
and values of dental excellence.*



Welcome to MEDESYS, here begins our journey.

It is, with pleasure, that I welcome you to the first issue of MEDESYS MAGAZINE, a project born to offer a broader and at the same time, closer perspective on what MEDESYS represents today. We want to tell the story of how we innovate, design quality instruments and create value in the world of dentistry. In a rapidly evolving industry, this magazine is designed to deepen into most significant themes: new technologies, the evolution of our lines, the stories of the people who contribute to the company's growth every day and initiatives that reflect our commitment to the local area. This magazine is developed entirely by MEDESYS: our team has transformed the corporate vision into an editorial tool aligned with the standards of excellence that distinguish us.

I wish you a good read and I'm sure these pages will offer you useful insights and an even more direct connection with us.



Claudio Ghezzi,
President & CEO

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Our tradition

> The story of a passion of a family



**We are
MEDES**

MEDES is an Italian company specialized in the production of high-quality dental instruments and dental equipment. MEDES is the story of a family and a passion forged in the steel of Maniago, which has been an internationally recognized reference point for the production of blades for 600 years. MEDES is the perfect combination of this centuries-old artisan tradition combined with the constant development of innovative solutions in terms of design, ergonomics, and functionality.

MEDES fully embodies the tradition of Maniago blacksmith art: six centuries of excellence in the processing of cutting instruments and in the creation of the highest quality blades, a superior knowledge which has led to the birth of a highly specialized district. This is our history, the reality we live in and the culture we have treasured. A tradition of artisanal techniques, skills, and processes that today MEDES applies to the production of increasingly efficient and innovative instruments, highly appreciated all over the world for their cutting quality, precision and reliability over time.

From the Renaissance to nowadays, Maniago has been the country of steel processing. In recent decades, the historical skills of Maniago blacksmiths have adapted to the needs of an increasingly demanding market. Diversification and specialization were the essential keys for a successful approach to the new challenges. Today Maniago industrial district boasts a precious know-how, with worldwide leading companies, specialized in sectors such as cutlery, surgical instruments, or turbine blades.



> Maniago and the landscape of Dolomites.

In the heart of Friuli Venezia Giulia, nestled between green hills and the majestic peaks of the Friulian Dolomites, stands Maniago, a town that combines history, artisan tradition, and breathtaking landscapes. Known as the "City of Cutlery", Maniago is a little-known but fascinating jewel, where each stone tells a piece of the past and each blade brings with it centuries of mastery.

For centuries, the city has distinguished itself through its artisanal vocation, centered around metalworking. Skills passed down from generation to generation have given rise to a production of high-quality instruments, appreciated far beyond the local area.

The natural conditions of the region, abundant water resources, favorable environments, and easily accessible raw materials, contributed to the birth and development of a manufacturing tradition that remains alive today. A museum bears witness to this long history, housing a collection that traces the evolution of local craftsmanship, from humble beginnings to the most modern technical applications. Walking through the streets of the historic center, you can feel an authentic atmosphere, where traces of the past coexist with everyday life.

Old workshops, restored buildings, and picturesque corners tell the story of a place that merged manual skill and technical knowledge creating a cultural identity. At the top of a hill overlooking the city stands an ancient tower, the remains of a medieval castle that for centuries watched over the territory. Today, from that vantage point, the view opens onto a breathtaking landscape stretching from the plains to the mountains, offering ideal scenery for those who love to contemplate nature. During the summer season, this area often hosts cultural events, outdoor concerts, and historical reenactments that involve the community and attract visitors. Framing it all is a mountain range of extraordinary beauty, protected as a natural heritage site.

This is an area still largely untouched by mass tourism, where one can have an authentic

and intense experience. The mountains offer an uncontaminated environment, with jagged ridges, silent forests, crystal-clear waters, and rich fauna and flora. Here, you can explore hiking trails that cross unspoiled valleys, visit small villages with intact charm, and rediscover a deep connection with nature. The natural park that protects this area preserves a unique ecosystem and provides opportunities for numerous activities year-round: trekking, hiking, mountaineering, mountain biking, snowshoeing, skiing, and wildlife observation. Each season brings different landscapes and opportunities to immerse oneself in the slow rhythm of the mountains. Visiting these places means leaving behind the daily rush to rediscover silence, balance, and the beauty of what is essential. Once you connect with this reality of rock, forest, and tradition, the memory becomes indelible.



MEDESYS NEWS

> New line of STAINLESS STEEL syringes

During Cologne IDS 2025 trade fair, the new line of stainless steel syringes with a colored handle made of non-toxic silicone was presented.

The new MEDESYS Cook-Waite syringe with silicone coating: safety, comfort and certified style. It represents a significant step forward with the introduction of a non-toxic, food-safe and FDA-approved silicone-coated handle. This coating ensures a flawless non-slip grip and superior comfort while eliminating the cold feel typical of metal.

Available in three elegant colours, all models can be chosen with a European (EU suffix) or American (AM) tip to perfectly suit the different needs of professionals. The syringes are compatible with 1.8 ml anaesthetic vials, ensuring optimal versatility and high precision during each procedure.

MEDESYS research continues to perfect its instruments, combining quality, functionality, innovative design and selecting materials that above all must preserve patients' health.

The syringes are manufactured using AISI 303 and 304 austenitic stainless steel because they are highly resistant to corrosion and oxidation caused by increasingly aggressive disinfectants and intensive sterilisation cycles.

Moreover, being totally made of STAINLESS STEEL they guarantee maximum protection of patient's health.

Most syringes on the market are made of brass on which, by means of a galvanic process, a layer of chrome is applied for the sole purpose of obtaining a shiny syringe and thus appearing to be made of stainless steel. After several sterilisation cycles, the chromium starts to detach and disperses in the environment, revealing the 'yellowish' colour of brass.

The International Agency for Research on Cancer (IARC) demonstrates that chromium, depending on the form in which it is found, has the capacity to penetrate the skin and can cause dermatitis, allergic inflammation and, in the most serious cases, can lead to tumours.

(Source: ISS, Istituto Superiore di Sanità, Italia)

MEDESYS's aim is to provide professionals with extremely high-performance and long-lasting instruments as well as to protect the health of patients: hence the line of syringes made entirely of stainless steel.

For more information, scan the QR CODE and visit our webpage. Fill in the form to receive the brochure of the new line of stainless syringes.

SCAN ME





All about women

Tell us something about yourself and your career path. Why did you choose the dental field? Where did you study and what did you specialize in?

"Ever since I was a child, my parents told me that dentistry is a career where you are your own boss, where patients come in worried and in pain, but leave happy with a big smile, and that is rewarding. I earned my degree in Dentistry from the Faculty of Dentistry at the University of Cuenca in Ecuador and specialized in Oral Surgery and Pathology at the Pontificia Universidad Javeriana in Colombia. I also hold a master's degree in Laser Applied to Dentistry from the Laser Academy Colombia, which I completed in Medellín."

Do you have a dental practice or do you work as a freelancer? What are the main challenges in your work?

"I work full-time in my area of specialization, assisting

my patients in the clinic alongside my colleagues, and I also go to other practices. My days are entirely dedicated to surgery. I love my work and never get bored. Currently, we are working on the plans and design of my new clinic."

Is there a moment in your career that you remember with particular pride?

"Yes, my degrees. When I began, I set the goal of overcoming any obstacles in my path; I worked hard and focused so much on it that I achieved it. I graduated as the top student of the Dentistry cohort at the University of Cuenca in 2017 and obtained an outstanding rating in my specialization in Surgery and Oral Pathology at the Pontificia Universidad Javeriana."

How important is the relationship with patients to you and how do you cultivate it?

"Every person, at every

dental appointment, shares the story of their life. I enjoy remembering those anecdotes, and at the next visits I ask them: What happened to your pet? Was the car repaired? How did things go at work and were you able to resolve what was worrying you? This connects us as human beings, notwithstanding that they are my patients."

Do you have an instrument in our range that you use most often or that you consider indispensable?

"I have many favorite MEDESYS instruments, but my 'must-haves' include the Allen periosteal elevator (REF. 869), of which I have 18 pieces—one for each surgical set—because it has the perfect size to lift the flap gently, avoiding tearing. For children, I use the intraligamentary syringe from the Nerissimo line (REF. 4965/2), as it is ergonomic and injects the anaesthetic slowly, minimizing pain as much as possible."

If our company could make one or more instruments for you, which one or ones would you like?

"If I could design my ideal instrument, it would be a needle holder of the perfect size for dentistry, with a smooth, concave area on the active part where the thread can flow without encountering any obstacles."

Was there a case report where one of our products really made a difference?

"How could I forget my pink Heidbrink elevators (REF. 700.SL) from the Maestrale line—the best instruments for extracting developing upper third molars when they are fully impacted? Every surgeon should have one. I'll let you in on a secret...from the moment you start using it, you forget about any complications. It has the perfect angle for that far back area of the mouth, its thin tip fits precisely around the molars, and the rubber grip provides a stable hold, allowing the tooth to be extracted with a single motion. They are the best."

Have you had female role models in your career? What role did they play?

"I admire many women for their work. I enjoy seeing how their perseverance and dedication have led them to appear

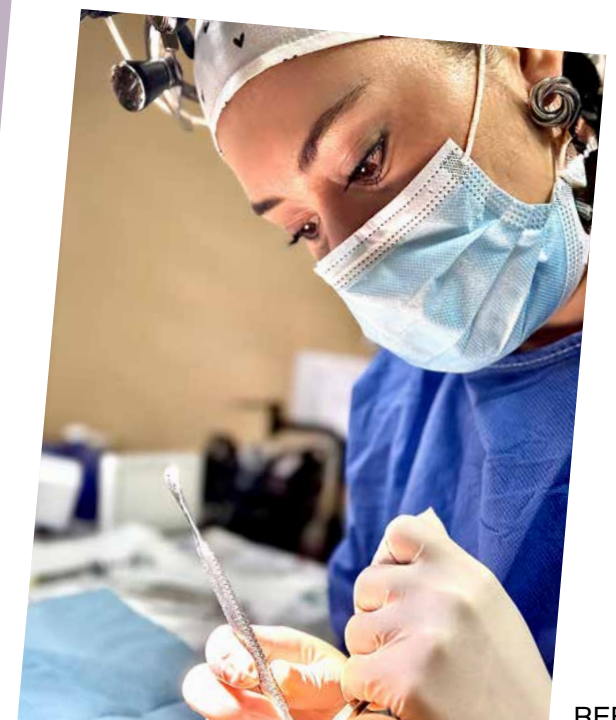
in high-impact magazines. No doubt, having these examples gives you a strong drive pushing you to improve in your profession. The best way to work is by finding the right inspiration."

What advice would you give to a young woman who wants to pursue a career in the dental industry today?

"Nowadays, there is no gender distinction in our profession; patients are guided by the quality of care and the warmth of the professional. What helps us succeed is solid training, good practice, and love for what we do."

Have you ever decided to support charities or social projects in your life? If so, what motivated you?

"Yes, during my career I have provided dental services in rural areas near my city. Even when we graduated, in my country it was required to complete a year of service in rural areas, and it was a valuable learning experience both personally and professionally. I was so happy when I finished that I couldn't stop crying from emotion, because the people who are most grateful are often those who have the least."



REF. 869

> Interview with Dr. Estefanía Morales Gonzalez



ECUADOR

"I've known MEDESYS since my early years in dental school, about 12 years ago and I clearly remember a professor who used to say «you have to arm yourself with a good arsenal for combat, and the same applies in dentistry» that's why he suggested us to invest in high-quality instruments."



> Let's find out the Nerissimo line by MEDESYS

The strenght of carbon, the hardness of the diamond.

Superior wear resistance, efficiency and reliability over time. A line of dental instruments developed by MEDESYS to bring the best of its experience to the palm of your hand.

Meticulously crafted in every detail, our best instruments dress in black thanks to the innovative DLC (Diamond Like Carbon) finish. The DLC coating provides truly exceptional performance.

Let's quote just a few of the main features which qualify this coating as a superior option if compared to other solutions: a very low application temperature, a friction coefficient among the lowest of existing coatings, a high H/E ratio (Hardness/Coefficient of Elasticity), an excellent index of wear and stress resistance.

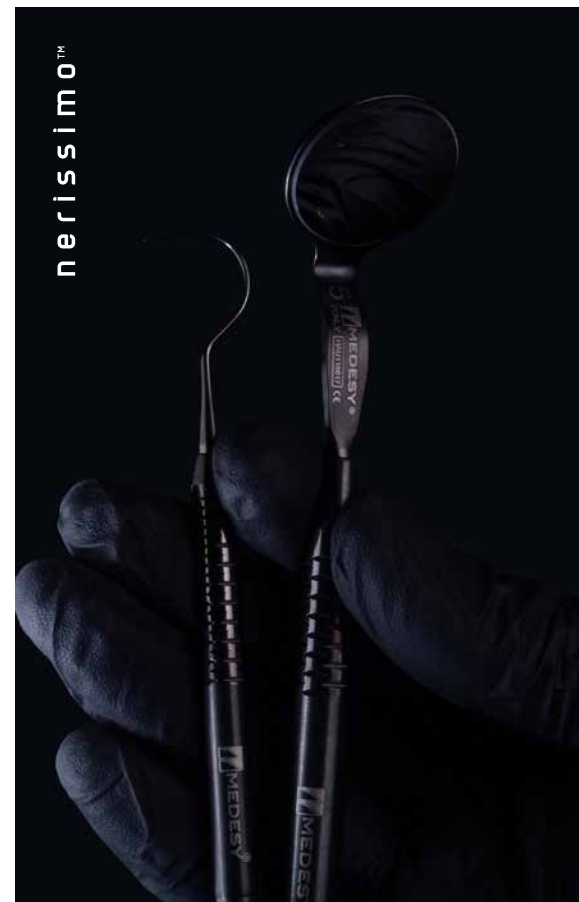


Find out more on our website!

www.medesys.it/en/nerissimo



Read about the clinical case at page 9



> The testimony of Doctor Pablo Hernandez

ARGENTINA

Dr. Pablo Hernández, a renowned Argentine dentist, expert course speaker and author of many articles in this sector, had the opportunity to try a selection of our dental instruments, offering himself as a tester to evaluate their quality and effectiveness. In particular he had the opportunity to try our best line of conservative dental instruments, belonging to the exclusive Nerissimo line.

The doctor's valuable photographic feedback is particularly suitable to highlight the effectiveness of the contrast obtained using black instruments in conservative industry which day by day continue to successfully meet the expectations of experts in the field. MEDESYS instruments, in particular, are coated with DLC (Diamond Like Carbon) which not only provides black colour, but gives the instruments a huge range of additional unrivalled advantages. DLC is a special biocompatible coating whose unique characteristics guarantee superior wear resistance, efficiency and reliability, maximum precision and minimized friction, as well as promoting better visibility during dental procedures. In particular, instruments with this coating offer a significant visual advantage: the black colour creates a marked contrast that lets the white of the teeth stand out, whereby the restoration work becomes easier, more precise and controlled. Furthermore, due to its properties, the material does not stick to the surface of the instrument but slides off easily, further facilitating clinical manoeuvres and improving operational efficiency. Dentist P. Hernández with his helpfulness, contributed significantly to collect valuable feedback, which stimulates us to continue to refine and develop instruments that are better suited to the needs of professionals of the sector. His appreciation testifies to the quality of our products, which continue to successfully meet the expectations of experts in the field.



"Regarding the instruments I used, I must say that they are excellent and very suitable to daily practice. I also used them in some of my courses, such as composite spatulas and clamps during the resin workshop."

- Dr. Pablo Hernandez

APPLY TO BECOME A MEDESY PRODUCT TESTER AND SEND US YOUR CLINICAL CASE!

Apply by sending an email to
comunicazione@medesy.it
and we'll explain you what the project consists of!

TOP SELLER SURGERY

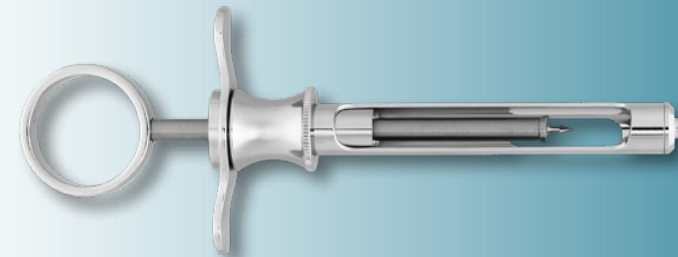
TOP SELLER

> The most requested in the surgery category

The evolution of oral surgery and its multiple areas of application make this discipline one of the pillars of modern dentistry.

Nowadays, besides classic extraction procedures, it also encompasses gum surgery, bone regeneration, aesthetic dentistry interventions, and much more.

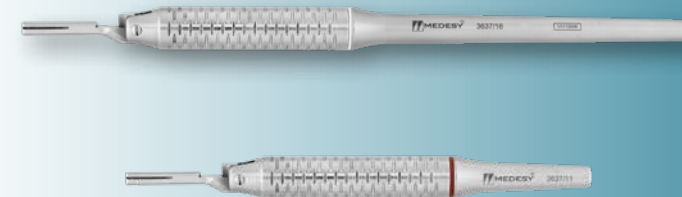
Here below the top 3 global bestsellers in the surgery category: Cook-Waite stainless steel syringe (REF. 4958/1); Molt periosteal elevator (REF. 882); and the adjustable blade holder (REF. 3637/16).



The MEDESY Cook-Waite syringe made of stainless steel is available in Revolver model. Equipped with an aspirating arrow-shaped harpoon for easy coupling with 1.8 ml carpules. It features European or American attachment and is available also with a non-slip, colorful, FDA-certified silicone handle for greater comfort.



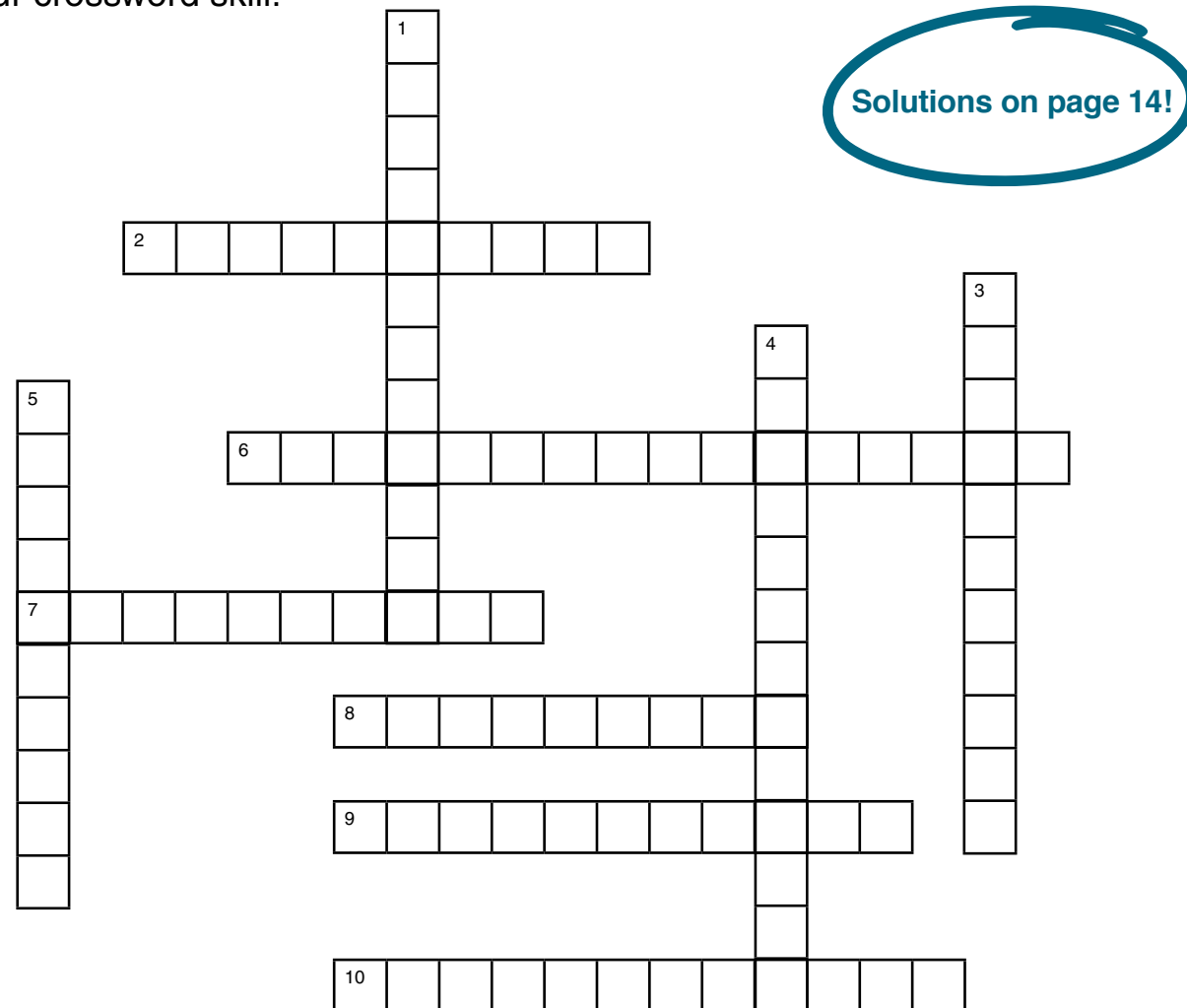
MEDESY Molt periosteal elevator is a stainless steel instrument used in dental surgery to gently lift the mucoperiosteal tissue. It features an ergonomic DALILA handle, easy to clean and sterilize, the working end sharp on one side and smooth on the other to minimize trauma. Available in various sizes, it ensures precision and long-lasting durability.



MEDESY adjustable blade holder, in stainless steel, is designed with a secure locking system. Dalila handle offers a compact grip that ensures excellent grip and maximum simplicity in the disinfection and sterilization phases. It combines robustness and practicality, ideal for the surgical field providing a 180° adjustable blade functionality, it guarantees an extremely accurate precision. Also available with short handle (REF. 3637/11).

GET IN THE GAME

Test your crossword skill!



HORIZONTAL

2. Surgical procedure that involves sectioning a tooth, often to facilitate extraction.

6. Biological process by which a dental implant integrates with the surrounding bone.

7. Artificial structure used to replace one or more missing teeth.

8. Contact between opposing teeth when the mouth is closed.

9. Process by which a dental prosthetic restoration is fixed to the tooth using dental cement.

10. Misalignment of the teeth or dental arches that can affect mastication and aesthetic function.

VERTICAL

1. Process of enamel formation during tooth development.

3. Dental specialty that deals with the treatment of the dental pulp and root canals.

4. Severe inflammation of the supporting tissues of the tooth, which can lead to tooth loss.

5. Developmental defect of the dental tissues that results in smaller teeth or reduced enamel.

CHALLENGE YOUR INSTINCT!

Answer the questions and find out how well you know MEDESYS!

1. In how many countries of the world is MEDESYS present? Think big!

- A) 50
- B) 75
- C) 93
- D) 105

2. What is the superpower of the iconic Nerissimo line?

- A) Makes teeth look whiter
- B) It is coloured black
- C) It is chrome-plated brass
- D) Black coating with anti-reflection and ultra-resistant nanotechnology

3. MEET LEVANTE! What is the distinguishing feature of the Levante line by MEDESYS?

- A) It is the BASIC line of MEDESYS
- B) It is made of plastic
- C) Only available in one colour
- D) An iconic ergonomic silicone handle

4. What is the main feature of the MAESTRALE elevators?

- A) They are black
- B) They have a silicone handle
- C) They have an ultra-light, resistant and ergonomic technology handle
- D) They have a steel handle

5. Green challenge! What is MEDESYS's environmental commitment?

- A) Disposable single-use instruments
- B) Biodegradable instruments
- C) Eco-friendly packaging and low-impact production
- D) We do not use steel to produce our instruments



HOW DID IT GO?
To find out if you answered correctly, flip the page!

CROSSWORD

VERTICAL

- 1. Amelogenesis
- 3. Endodontics
- 4. Periodontitis
- 5. Hypoplasia

HORIZONTAL

- 2. Odontotomy
- 6. Osseointegration
- 7. Prosthesis
- 8. Occlusion
- 9. Cementation
- 10. Malocclusion

QUIZ

- 1. D
- 2. D
- 3. D
- 4. C
- 5. C

QUIZ PROFILE

> If you are a DEALER

Profile 1 – “The apprentice” (0–1 correct answers)
Definition: You still know little about MEDESYS, remember that staying up to date with all our news will help you promote our instruments at your best!
Advice: We recommend that you request a training call from your MEDESYS sales representative to find out more about our reality and our special lines. Also take a look on our website where you will find a lot of informations and subscribe to the newsletter to stay up to date!

Profile 2 – “The explorer” (2 correct answers)
Definition: You have basic knowledge, but maybe you’ve missed our latest news. Remember that it is very important to keep up to date in order to promote our instruments at your best!
Advice: We recommend that you request a specific training call on new lines from your MEDESYS sales representative. Also take a look at our site where you will find a lot of information and subscribe to the newsletter to stay up to date!

Profile 3 – “The good knower” (3 correct answers)
Definition: You are aligned on a good part of our news and values. It only takes a little extra effort to complete your knowledge!
Advice: Visit our website to learn more about the features that distinguish our and don’t forget to subscribe to the newsletter to stay up to date!

Profile 4 – “Active and updated partner” (4 correct answers)
Definition: Great job! You are up to date on almost everything and we hope this quiz has helped you increase your knowledge about MEDESYS world.
Advice: Contact us to find out what activities you could use during your events to further build customer loyalty, and don’t forget to subscribe to the newsletter!

Profile 5 – “Ideal ambassador” (5 correct answers)
Definition: Congratulations! You know our company, values and news perfectly. You are the perfect partner to represent us in the dental market.
Advice: Let us know about your upcoming events and find out how MEDESYS can support you with promotional activities, and don’t forget to subscribe to the newsletter!

> If you are a DENTIST

Profile 1 – “The apprentice” (0–1 correct answers)
Definition: You still know little about MEDESYS, but have you seen how much there is left to discover? Deepen our story, our values and the special lines that distinguish us!
Advice: We recommend that you fill in the form dealer finder that you can find in the menu of our website to get in touch with the nearest distributor to find out more about our reality. Also take a look at our website where you will find a lot of informations and subscribe to the newsletter to stay up to date!

Profile 2 – “The explorer” (2 correct answers)
Definition: You have basic knowledge, but maybe you missed our latest news. There’s still so much to discover: immerse yourself even more in our reality!
Advice: We recommend that you fill in the form dealer finder that you can find in the menu of our website to get in touch with the nearest distributor and to find out more about our reality. Also take a look at our site where you will find a lot of information and subscribe to the newsletter to stay up to date!

Profile 3 – “The good knower” (3 correct answers)
Definition: You have a good knowledge about some of our news and values. It only takes a little extra effort to complete your knowledge!
Advice: Visit our website to learn more about the features that distinguish our instruments and don’t forget to subscribe to the newsletter to stay up to date!

Profile 4 – “The follower” (4 correct answers)
Definition: Great job! You’re up to date on almost everything, and we hope this quiz has helped you grow your knowledge of the MEDESYS world!
Advice: Our instruments can be a good support for your daily work! Contact us to find out how to buy and create your wishlist directly on our site!

Profile 5 – “The MEDESYS expert” (5 correct answers)
Definition: Congratulations! You know our company, values and news perfectly. You are our ideal ambassador!
Advice: We know that quality is essential for you: that’s why you’ve already chosen our instruments...or you will soon, since you know us so well! Contact us to find out how to buy and create your wishlist directly on our site!

> We have been and will be present at different events



CURIOSITY

IDS COLONIA
In the 2025 edition, almost 200 Italian companies exhibited, highlighting the importance of the Italian contribution in the international dental scene. In 2023, IDS celebrated its 100th anniversary, underlining a century of innovations and progress in the dental sector.

AEEDC DUBAI
MEDESYS was the first Italian company to participate in the AEEDC Dubai trade fair, which was born as a regional event and has become the largest annual scientific conference and exhibition in the dental world. Italy has often had a leading role, both as guest of honor and through the presence of numerous Italian companies and speakers.

TRADE FAIRS 2025
OUR PARTICIPATION



Dental fairs

Attending dental trade fairs doesn’t mean just presence. For MEDESYS, an Italian company with a long tradition in producing high-quality dental instruments, each exhibition is a valuable opportunity to build genuine connections, showcase innovations, and communicate its core values. In the recent months, MEDESYS has taken part in four key industry events: AEEDC Dubai, IDS Cologne, Japan Health Osaka, and Cadex Almaty, where it had the chance to present its latest novelties. The four international stages proved to be significant successes, both for the exceptional visitor attendance and the interest generated in our avant-garde products. Another highly important moment for the company was participating in AMIC in Mexico, where the local distributor Zeyco officially introduced MEDESYS brand to the Mexican market. At all these trade fairs, the atmosphere was one of great occasion: enthusiasm, high-quality professional exchanges, and a strong sense of community among industry professionals. But what does it mean for MEDESYS to be present at a trade

fair? It is not just about displaying products, it’s more about giving visitors a firsthand experience of the constant evolution that drives the company: instruments designed with attention to detail, created to simplify and improve the daily work of professionals. Furthermore it is the desire to convey what goes beyond technique: the values that have always defined the company: quality, reliability, innovation and passion. The trade fairs thus become not just a showcase, but an experience. At MEDESYS, we know this well, that is why we complement the technical moments with initiatives designed to engage visitors in an original and soft way. Interactive games, fun challenges, prizes, and smiles: ingredients that make each encounter memorable and human. “For us, trade fairs are much more than commercial events,” says our team “they are opportunities for genuine relationships, a bridge between what we do every day and the people we do it for.” In an industry where innovation moves fast, the ability to stay close to clients, listen to them, and surprise them continues to make the difference.

PHOTOBOOTH 2025



Other events



In the recent months, we have had the pleasure of actively participating in international industry trade fairs and attending numerous events organized by our partners in Asia and South America. These occasions represent an important opportunity to strengthen mutual trust, share goals and promote a more solid, competent, and aware market culture. Participating both as exhibitors and as guests confirms our role as strategic partners, recognized for our commitment to innovation, quality, and training. Trade shows have provided us with a valuable platform to present our solutions, engage with local professionals, and identify emerging market needs, while our partners' events have allowed us to experience direct interaction built on mutual respect and dialogue. In both contexts, our company has been welcomed with enthusiasm, valued, and fully integrated into initiatives aimed at continuously improving the experience of industry professionals. At the same time, we have had the pleasure of hosting some international

partners at our headquarters, offering them an immersive experience within MEDESYS world. Company visits have become valuable opportunities to witness firsthand the care we put into every production detail, to get to know our team up close, and to strengthen human relationships based on respect, transparency, and shared objectives. Our active presence at trade fairs and events, combined with our openness toward partners, reflects the core of our business vision: building authentic and lasting relationships focused on mutual growth. For MEDESYS, every event is never just a calendar commitment but a real opportunity to listen, evolve, and progress together. Each encounter is also a space for active listening: we gather feedback, ideas, and different perspectives that fuel our continuous improvement.

We firmly believe that growth comes through relationships, open dialogue, and the willingness to take on challenges.

> Our ethical and sustainable commitment



CommitDent

We believe in ethical and sustainable development, which is why every day we strive to protect the planet and improve people's well-being: environmental sustainability, ethical and social commitment are the values that guide our actions. In an era where sustainability is a shared responsibility, for us at MEDESYS "commitment" means giving concrete form to the values we believe in. It means intertwining quality, innovation, and ethics in a path that looks to both people and the planet. From this conviction comes "CommitDent," a project that is not limited to words but translates into daily actions, strategic choices, and initiatives that reflect a long-term vision oriented towards environmental and social sustainability. For us, being committed means taking care of people's well-being while at the same time respecting the environment and its resources. "CommitDent" is the way we transform this principle into concrete practices, in a clear and recognizable path that accompanies every decision we make. It is an ethical and social commitment

that places at the center the well-being of professionals, communities, employees, and future generations. It means creating inclusive work environments, valuing skills, and spreading a culture of shared responsibility. What makes "CommitDent" unique is continuity: it is not a temporary initiative, but our way of operating every day. Every choice, from material sourcing to instrument design to eco-friendly packaging, reflects the belief that even the smallest actions can have a significant impact. We want to demonstrate that innovation and tradition can coexist in harmony. On one hand, we maintain high standards of quality in our dental instruments; on the other, we contribute to building a fairer and more sustainable future. For us, growing means generating value not only economically but also socially and environmentally. CommitDent represents our deal with clients, partners, employees, and communities: a shared commitment to building together a future in which innovation, ethics, and sustainability are the foundations of authentic progress.

"We believe in ethical and sustainable development, so every day we are committed to protecting the planet and improving the well-being of people: environmental sustainability, ethical and social commitment are the values that guide our action."

Inside the production

> Steels and technologies for instrument production: a guide to materials and processes

It is essential to clarify an often misunderstood concept: the term “surgical steel” still used today in many countries is a misnomer.

In fact, there is no steel with this specific designation; it is an expression very often used by companies that do not actually produce but market. MEDESY as a specialized manufacturer employs certified stainless steels, carefully chosen for their mechanical, physical and chemical properties. For classification, MEDESY adopts the AISI (American Iron and Steel Institute) standards, the international reference system for the identification of stainless and carbon steels. Each tool, depending on its specific use, requires different properties. For this reason, MEDESY selects the most suitable steel type for each component with extreme precision, calibrating parameters such as hardness, elasticity, corrosion resistance and carbon content.

For example, a curette is made of two different types of steel:

- Series 3 for the handle, more flexible and elastic;
- Series 4 for the harder and more resistant tips, capable of holding the edge for a long time.

This attention to the choice of materials is one of the pillars that distinguishes MEDESY for quality and reliability. High-performance coatings, such as DLC (Diamond Like Carbon) or TiN (Titanium Nitride), complete the picture.

These treatments improve wear and corrosion resistance, protecting the instrument even after years of use. Furthermore, they give a distinctive appearance —black or gold— that immediately communicates reliability and attention to detail, distinguishing premium products on the market.

This approach represents the perfect synthesis between tradition and innovation, emphasizing how metallurgical knowledge, refined over time, continues to be the foundation on which today's excellence in the production of dental instruments is built.

All pieces are therefore subjected to dimensional checks and resistance tests, ensuring that each single instrument meets the highest standards. In recent years, the sector has also focused on sustainability and innovation in production processes. Waste reduction, recovery of metal chips, low-environmental-impact coating technologies, and automated digital inspections are just some of the developments that are changing the production of dental instruments without compromising quality. In a context where every micron can make a difference, choosing the right steel and the most suitable treatment remains the first step in creating instruments that not only perform well but also last over time and inspire confidence in operators.



Christmas time!

> The tradition of our territory

Christmas has always been the time of the year when we pause for a moment to look back, to smile at the goals achieved, and to thank those who have shared the journey with us. Also this year, we want to thank all our clients, partners, and collaborators who have believed in the quality of our dental instruments and the value of our work. The trust you show us every day is the light that guides our commitment to make every smile healthier, more beautiful, and safer.

For us, the holidays are also a time of sharing within the company. It has become a true tradition to light our large tree in the garden, which every December shines with hundreds of colorful lights and, in the evening, creates a warm and welcoming atmosphere even for those passing by our offices. It is a small gesture, but for us it represents the symbol of a community that grows, renews itself, and does not forget to bring a little light also outside. Even beyond the company walls, Friuli Venezia

Giulia, and in particular the Pordenone area, get filled with ancient and evocative traditions that make Christmas period unique. Everything begins with Saint Nicholas, on December 6th, when in the town squares and schools the Saint and his helpers arrive to bring sweets and gifts to the best-behaved children. It is a festive moment that unites generations and rekindles the wonder of the little ones, with bells, music, and laughter.

Meanwhile, in Poffabro, one of the most beautiful villages in Italy, the magic of Christmas takes shape with nativity scenes: hundreds of handcrafted representations that decorate windows, doors, and stone courtyards. Every corner of the village becomes a small enchanted world, where tradition and creativity blend in a suspended, almost fairy-tale atmosphere. A walk among the nativity scenes of Poffabro is like a journey through time, between the scent of burning wood and the warm light of lanterns.

Finally, the Befana, symbolizing the end of the holidays, completes the festive season.

Its origin goes back to the Celtic rites widespread in Northern Italy and particularly rooted in our region, Friuli. In the past it represented a moment of passage and rebirth linked to the cycles of nature. Even today, on the evening of January 5th, the traditional Epiphany bonfires, heirs of the ancient propitiatory rites, are lit in Friuli: the flames and sparks that rise to the sky symbolize purification, desires, and hope for the new year.

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