

Zirkon ART

Il Rinascimento della Zirconia Italiana



ZIRCONIA

ART NOT WAR



PRODOTTO IN ITALIA



Simone Pecciarelli



Maurizio Ceccarelli



Il Rinascimento della Zirconia Italiana

In Dante Alighieri's Divine Comedy there is no mention of Zirconia but man and his feelings are placed at the center of the universe.
It is the beginning of the Renaissance, the way to the future.

The future always brings something new.

We bring back human action as an essential element for the achievement of perfection. It is the return of the Renaissance.

ZirkonArt is a 100% made in Italy zirconia line.

It was born in Tuscany in 2017 from the belief that the interaction between men, materials and machines gives rise to a real work of art able to change the way people live and work.

Our "Renaissance" comes to life from the quality of the raw materials that represent a guarantee of reliability and which, together with aesthetics, represent the answer for a demanding market demand.



Il Rinascimento della Zirconia Italiana

OUR LINES

Esthetic Line

BOTTICELLI

RAFFAELLO

Esthetic Line:

Particularly suitable for single crowns or bridges with up to three elements and one intermediate.

Smart Line

MICHELANGELO

RAFFAELLO

Smart Line:

Suitable for all types of works, from the single crown to the bridge with a maximum of seven elements and two intermediate.

Performance Line

LEONARDO
poli/mono

RAFFAELLO

Performance Line:

Particularly suitable for work with a geometry complex requiring maximum toughness: bridges extended, circular and full toronto frame.

Our technologies

Thanks to the use of the latest most modern generation technologies in dental technician fields, ZirkonArt is able to satisfy all needs ensuring the highest quality required.

Our project is the result of more than twenty years research and experimentations that involved teams of high level dental technicians.

During our experiments we realized that zirconia has mechanical performance above any other ceramic material.

Supported by a scientific team of Italian engineers, we therefore have concentrated all our resources in this performing project in continuous growth and evolution.

Speaking about Zirconia we mean oxide of Zirconium, a metallic element

that combined with oxygen becomes a material with very suitable properties: extreme hardness and great translucency. Zirconia crowns are lighter compared to metal/ceramic, but they are up to 50% more resistant, giving therefore greater durability over time. Furthermore Zirconia is absolutely compatible with the human body: it does not cause any type of allergy.

Zirconium oxide, unlike the pure ceramic, is not transparent on the light and also the grey teeth, covered, become very aesthetic.

Lastly Zirconia owns a low thermal conductivity which allows you to ingest hot and cold foods without experiencing unpleasant sensations caused by temperature.

Our pursuit of quality, both in development and in production, provides that careful checks of the products are carried out cyclically at the end of each phase of the process using sophisticated precision equipment both esthetic exam.

ZirkonArt operates a quality control system compliance with **UNI CEI EN ISO 13485** related to medical devices

(European Directive 93/42/CEE and subsequent amendments).

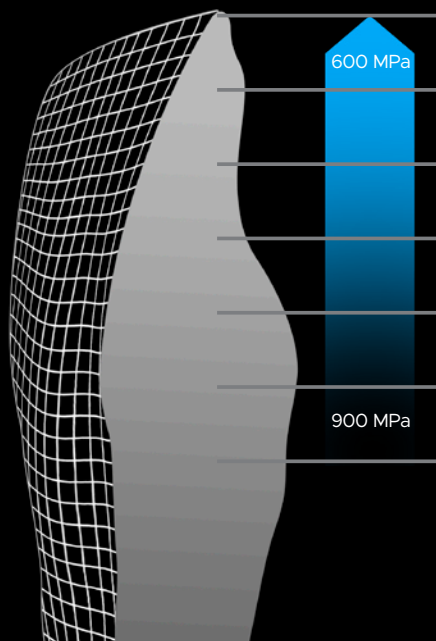
THE PACKAGING CONTAINS:

- A zirconia disc.
- Instructions for Use.
- Technical product sheet.
- 5 Quality certificates (Certified Quality Passport) for the patient.



BOTTICELLI

● Esthetic Line 3D pre-colored 900/600 mpa Zirconia disc



APPLICATIONS:

CROWNS AND BRIDGES WITH AT MOST 1 INTERMEDIATE

AVAILABLE COLOURS

ø 98		ø 95	
A1 - A2 - A3 - C2 - D2	H: 14-18	A1 - A2 - A3 - C2 - D2	H: 14-18
A2 - A3 - D2	H: 16		

Coming soon H: 22

Cubic zirconia rigorously obtained with high quality powders and isostatic pressing cold, pre-colored, made with 6 progressive layers in translucency, toughness and shades of color. The Botticelli line offers very high aesthetic results.

This line is a tribute to Botticelli, sacred monster of European painting, appreciated still today after five centuries for the maniacal precision in the details and for his great aesthetic value.

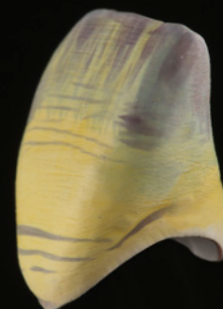
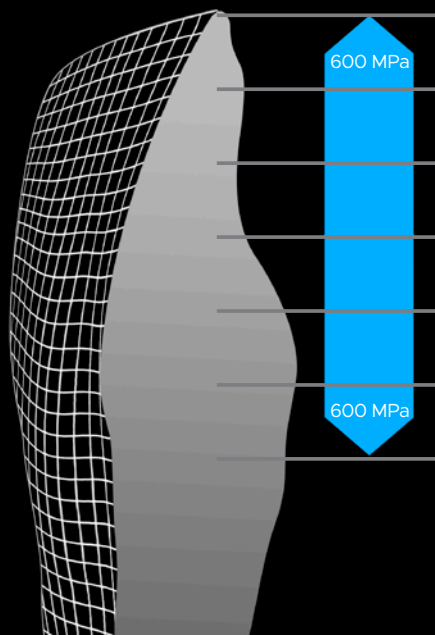
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RAFFAELLO

● Esthetic Line Pure 600 mpa Zirconia disc



APPLICATIONS:

CROWNS AND BRIDGES WITH AT MOST ONE INTERMEDIATE

AVAILABILITY

AVAILABILITY	
Ø 98	Ø 95
H: 14 - 18 - 22	H: 14 - 18

Cubic phase stabilized zirconia based on selected and purified raw materials, strictly isostatic pressing with single C.I.P. technology. Highly stable even after sintering, for use in aesthetic cases such as anterior teeth and small bridges with at most one pontic.

The Raffaello line offers a selection of the three materials in the neutral version, completely free of metal oxides to maximize translucency and mechanical resistance. It is suitable for those who prefer selective infiltration using all possible colors combinations, performing the various cases in “his own way” as the great Raffaello has taught us.

This line is a tribute to Raffaello. His work marks an essential path for all later painters and was of vital importance for the development of artistic language in the centuries to come, giving life to the movement that made art in “its own way”. It was known and appreciated with the name of Mannerism.

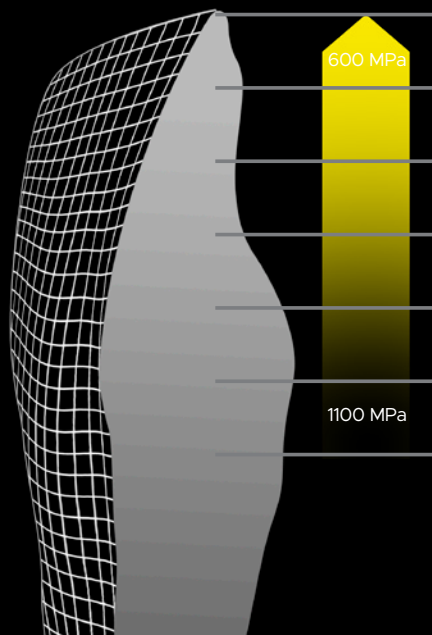
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MICHELANGELO

● Smart Line 3D pre-colored 1100/600 mpa Zirconia disc



APPLICATIONS:

CROWNS AND BRIDGES WITH AT MOST 2 INTERMEDIATES

AVAILABLE COLOURS

ø 98		ø 95	
A1-A2-A3	H: 14 - 16 - 18 - 22	A2-A3	H: 14 - 16 - 18 - 22
C2-D2	H: 14 - 18 - 22	C2-D2	H: 14 - 18

The Michelangelo line is obtained with selected raw materials and with the single C.I.P. double pressing technology. It contains characteristics of mechanical strength and high aesthetic performance due to careful attention arrangement of the powders, strictly hybrid, tetragonal and cubic, spread over 6 shaded layers. This material meets the contemporary market requirements of aesthetics and strength. To be used in all cases, except for those with particularly complex geometries.

This line is a tribute to Michelangelo Buonarroti, a brilliant artist in sculpture and painting, perhaps the greatest artist of all time. His works are considered masterpieces of Western art.

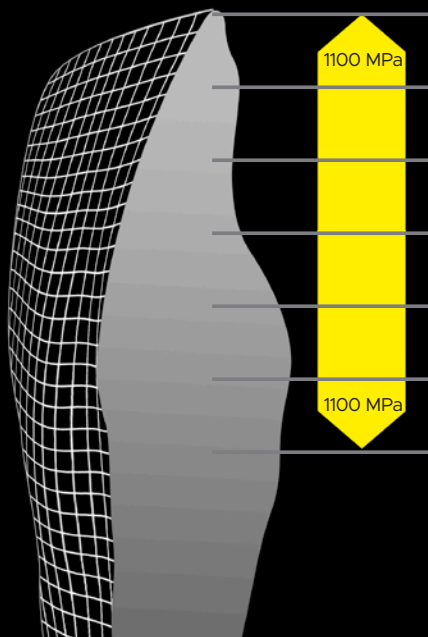
THE PACKAGING CONTAINS:

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- Instructions for Use.
- Technical product sheet.
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RAFFAELLO

● Smart Line 1100 mpa pure Zirconia disc



APPLICATIONS:

CROWNS AND BRIDGES WITH AT MOST 2 INTERMEDIATES

AVAILABILITY

ø 98	ø 95
H: 14 - 16 - 18 - 22	H: 14 - 18

Cubic phase stabilized zirconia based on selected and purified raw materials, strictly isostatic pressing with single C.I.P. technology. Highly stable even after sintering, for use in aesthetic cases such as anterior teeth and small bridges with at most one pontic.

The Raffaello line offers a selection of the three materials in the neutral version, completely free of metal oxides to maximize translucency and mechanical resistance. It is suitable for those who prefer selective infiltration using all possible colors combinations, performing the various cases in “his own way” as the great Raffaello has taught us.

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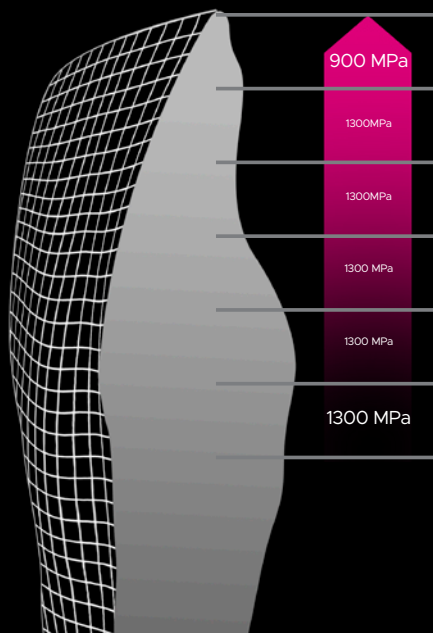
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LEONARDO

● Performance Line - Policromatico

Disco in Zirconia 3D pre-colored 1300/900* mpa Zirconia disc - * *only the first incisal layer*



APPLICATIONS:

EXTENDED, CIRCULAR BRIDGES AND TORONTO

AVAILABLE COLOURS

ø 98		ø 95	
A1 - A2 - A3	H: 14 - 16 - 18 - 22 - 25	A1 - A2	H: 14 - 18
C2 - D2	H: 14 - 16 - 18 - 22	A3	H: 14 - 18 - 22
		C2 - D2	H: 18

The Leonardo line is made with tetragonal powder of the highest quality and pure raw materials, appropriately spread over 6 shaded layers, pressed strictly with high technology isostatic single C.I.P.. A unique product, recommended in cases which required very high mechanical and hydrothermal resistance stable over time and for works with complex geometry such as Toronto and extensive bridges.

This line is a tribute to Leonardo Da Vinci, to his versatility and the ability to create works of great beauty and inventions that changed the world. He was an artist capable of doing everything. One of the greatest geniuses of humanity.

THE PACKAGING CONTAINS:

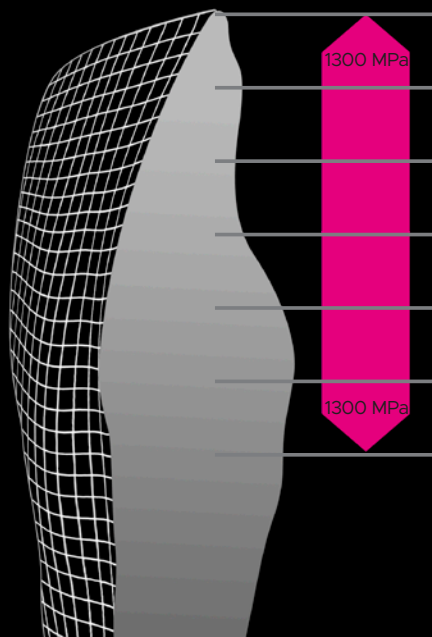
- A zirconia disc.
- Instructions for Use.
- Technical product sheet.
- 5 Quality certificates (Certified Quality Passport) for the patient.



LEONARDO

● Performance Line - Monocromatico

Pre-colored 1300mpa zirconia disc



APPLICATIONS:

EXTENDED, CIRCULAR BRIDGES AND TORONTO

AVAILABLE COLOURS

ø 98		ø 95	
A2	H: 14 - 16 - 18 - 20 - 25	A2	H: 18 - 22 - 25
A3/A3,5	H: 14 - 16 - 18 - 20 - 25	A3/A3,5	H: 18 - 22 - 25
C2/D2	H: 14 - 16 - 22		

The Leonardo line is made with tetragonal powder of highest quality and pure raw materials pressed strictly with high technology isostatic single C.I.P.. It is a unique product recommended in cases which require very high mechanical and hydrothermal resistance stable over time and for complex geometry works, such as Toronto and extended bridges.

This line is a tribute to Leonardo Da Vinci, to his versatility and the ability to create works of great beauty and inventions that changed the world. He was an artist capable of doing everything. One of the greatest geniuses of humanity.

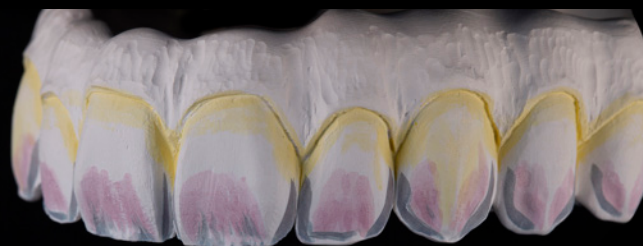
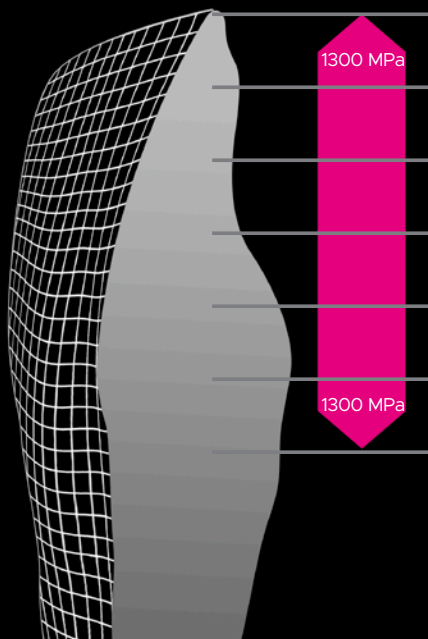
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- Instructions for Use.
- Technical product sheet.
- 5 Quality certificates (Certified Quality Passport) for the patient.



RAFFAELLO

● Performance 1300mpa pure Zirconia disc



APPLICATIONS:

EXTENDED, CIRCULAR BRIDGES AND TORONTO

AVAILABILITY

ø 98	ø 95
H: 10 - 12 - 14 - 16 - 18 - 22 - 25	H: 18 - 25

*High mechanical resistance line, strictly tetragonal, partially stabilized with yttrium.
Neutral version for the creation of works with complex geometries such as circular and Toronto, in the complete freedom of color choice.*

The Raffaello line offers a selection of the three materials in the neutral version, completely free of metal oxides to maximize translucency and mechanical resistance. It is suitable for those who prefer selective infiltration using all possible colors combinations, performing the various cases in “his own way” as the great Raffaello has taught us.

This line is a tribute to Raffaello. His work marks an essential path for all later painters and was of vital importance for the development of artistic language in the centuries to come, giving life to the movement that made art in “its own way”. It was known and appreciated with the name of Mannerism.

zirkonART

Il Rinascimento della Zirconia Italiana

ACADEMY

Maurizio
Ceccarelli

Fabiano
Mor

Alessandro
Arnone

Mario
Gargiulo



ALESSANDRO ARNONE

REFERENT AND ACADEMY TEACHER

Young and renowned technician who followed his family's footsteps with a lot of passion and desire to do. A true artist in his field, who has received top-level awards for the quality of his works.

MAURIZIO CECCARELLI

SCIENTIFIC COORDINATOR AND ACADEMY TEACHER

A pioneer of zirconia in Italy with irrefutable experience and culture acquired in over 30 years of practice on ceramic materials and 20 years on dental zirconia. He is the developer of ZirkonArt since 2017.

FABIANO MOR

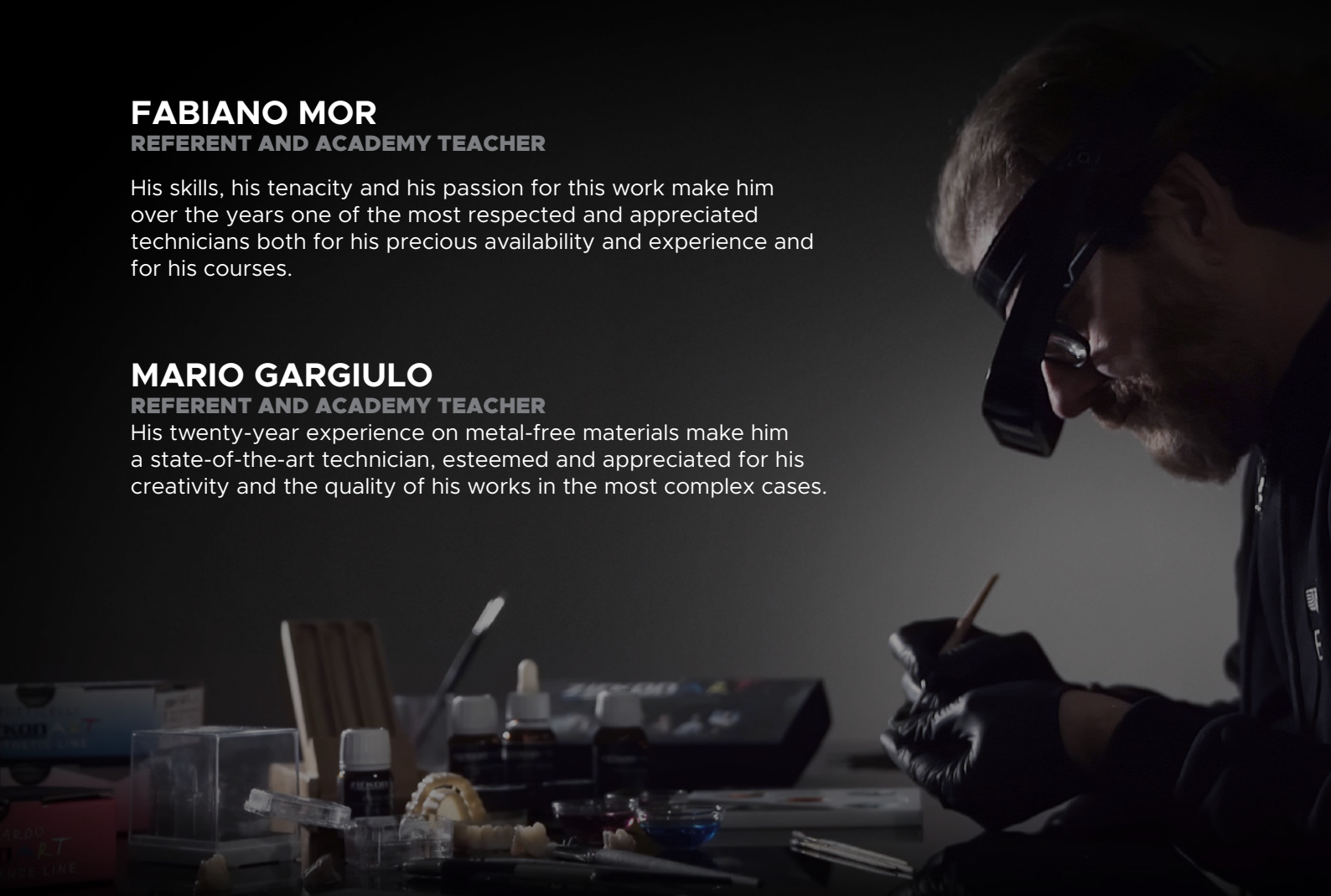
REFERENT AND ACADEMY TEACHER

His skills, his tenacity and his passion for this work make him over the years one of the most respected and appreciated technicians both for his precious availability and experience and for his courses.

MARIO GARGIULO

REFERENT AND ACADEMY TEACHER

His twenty-year experience on metal-free materials make him a state-of-the-art technician, esteemed and appreciated for his creativity and the quality of his works in the most complex cases.



TEACHING

"Those who fall in love with practice without science are like the helmsman who enters a ship without a rudder or compass, who never has certainty about where to go"

Leonardo da Vinci

COURSES

The advent of new aesthetic materials changes the approach to the work of today's dental technician. ZirkonArt Didattica offers the necessary support to achieve the desired quality in your laboratory.

MEETINGS

The aim of the meetings is to delve into the various themes and techniques of work and production.



TEACHING AT YOUR OFFICE

Upon request, the teaching staff of ZirkonArt can carry out personalized services:

- coaching, training or targeted courses for your staff at your operational headquarters;
- intervention in your specific production needs.

WEBINAR

Today, thanks to our webinars, ZirkonArt offers you the opportunity to interact at 360 degrees with both us and our teachers without having to move, from the simple demo to the interactive course dedicated to you.

KNOWING DENTAL ZIRCONIA

Learn to evaluate the quality of zirconia and the correct type of processing to be applied to this gorgeous material.

Find out about its benefits and optimal processing procedures to produce excellent quality dental prostheses.

START COURSE

Duration of 1/2 day

It includes a theoretical part mainly aimed at the basic knowledge of Zirconia, its peculiarities and its defects indicating its correct use in laboratory and introducing the finalization technique through a demonstration by the speaker.

SMART COURSE

Duration of 1 day

It includes a cultural theoretical day mainly aimed at the basic knowledge of the material.

The basic concepts, the peculiarities and defects of this wonderful material will be covered giving the first indications for correct finalization in the laboratory of zirconia artifacts. Through a demonstration the speaker will introduce the participants to the comparison between various types of materials that are on the market today and which one to choose based on the work to be done.

INTENSIVE COURSE

Duration of 1 day

It includes a theoretical part based on the main concepts of how to choose the right type of Zirconia based on the work to be made by comparing the various types of materials on the market today, and subsequently a practical part aimed at correct firing and finalization in the laboratory of the Zirconia artifacts where the students will finalize their works using the ZirkonArt MAC Kit.

Introducing participants to the opportunity to further improve their Zirconia artifacts using the various techniques of micro layering or infiltration of Zirconia that they will find available in the Course Program ZirkonArt Academy.

MASTER COURSE

Theoretical practical duration 3 sessions of 2 days

Master structured in three two-day meetings with three speakers.

This Master deals with many cases to be carried out starting from digital design and milling to arrive at selective inflation from pure neutral to individualized multi-chromatic (techniques compared) and finalizing the artifacts with microstratification technique.

Applying the ZirkonArt philosophy that enhances the union of digital technology with manual art to achieve the state of the art of zirconia prosthetic products.

Introduction to ceramic materials, how and when to use them and why to prefer them in the light of twenty years of experience, production protocols, creation of customized sintering curves, finishing with rotary instruments and manual instruments the correct weaving of the zirconia product in order to improve the aesthetic appearance of the chosen elements. Selective infiltration on the various types of materials, finalization with microstratification techniques and surface painting using the combined ZirkonArt MAC kit to various paste stains.



CERTIFICATE

CERTIFIED CERAMIC-ZIRCONIA

The ZirkonArt guarantee offers with absolute certainty the high degree of reliability of its products, in the most severe respect for the health of each patient.

The quality of the raw materials used and the production processes we apply to ZirkonArt products allow you to pass, with a large margin, all the regulations required to obtain compliance with the dental zirconia for medical use and for the manufacture of customized medical devices, EC Directive 93/42/CEE and ISO 13485. ICIM Full quality assurance system approval Certificate No. 0425-MED-003691-00

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Shop online

THE RIGHT TOOL AT THE RIGHT MOMENT

Visit the online Shop on our website to find ZirkonArt zirconia and a whole series of specific accessories made with the style and philosophy that distinguishes us.

www.zirkonart.com



PRODOTTO IN ITALIA



Il Rinascimento della Zirconia Italiana

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