

OSYRIS
The laser innovation
at physicians' and
patients' service

● The resources of OSYRIS



High level physicists:
50 accumulated years
of experience in
the laser world

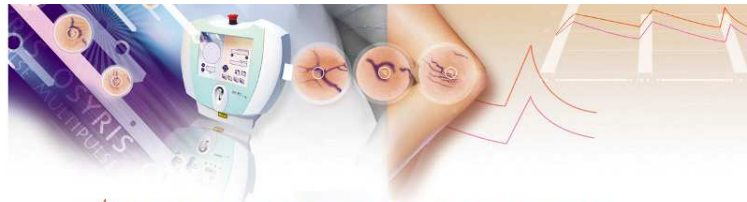
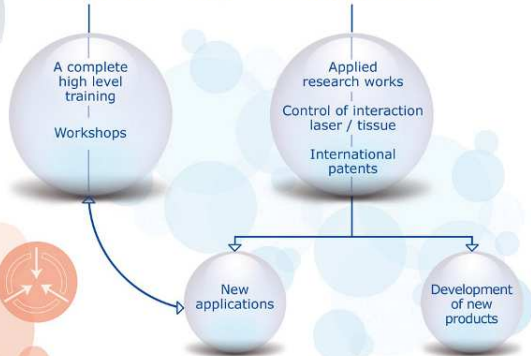
A high-qualified
sales team
at your service

A close collaboration
with medical
research centres



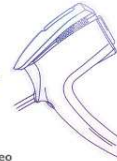
The commitment of OSYRIS

TRAINING and DEVELOPMENT



Dedicated accessories of high performance

CONTROL4+



Handpiece video

● Commercial reference
- OSYHANDVIDEO

● Packaging
1

Technical specifications

LASER:	Diode Laser
Wavelength:	980 nm +/- 10
Power:	25 Watts
Cooling system:	Peltier and air
Emission mode:	Continuous or pulsed 0.1 à 25 sec. 4
Laser class:	4
MD class:	IIb
Aiming beam:	Diode laser
Wavelength:	635 nm +/- 20
Power:	< 2 mWatts
Laser class:	3R
Power supply:	110-240 VAC ; 50 to 60 Hz
Weight:	15 kg
Dimensions:	45 x 45 x 35 cm
Certification	CE 0398 Endovenous Lipolysis Exolaser

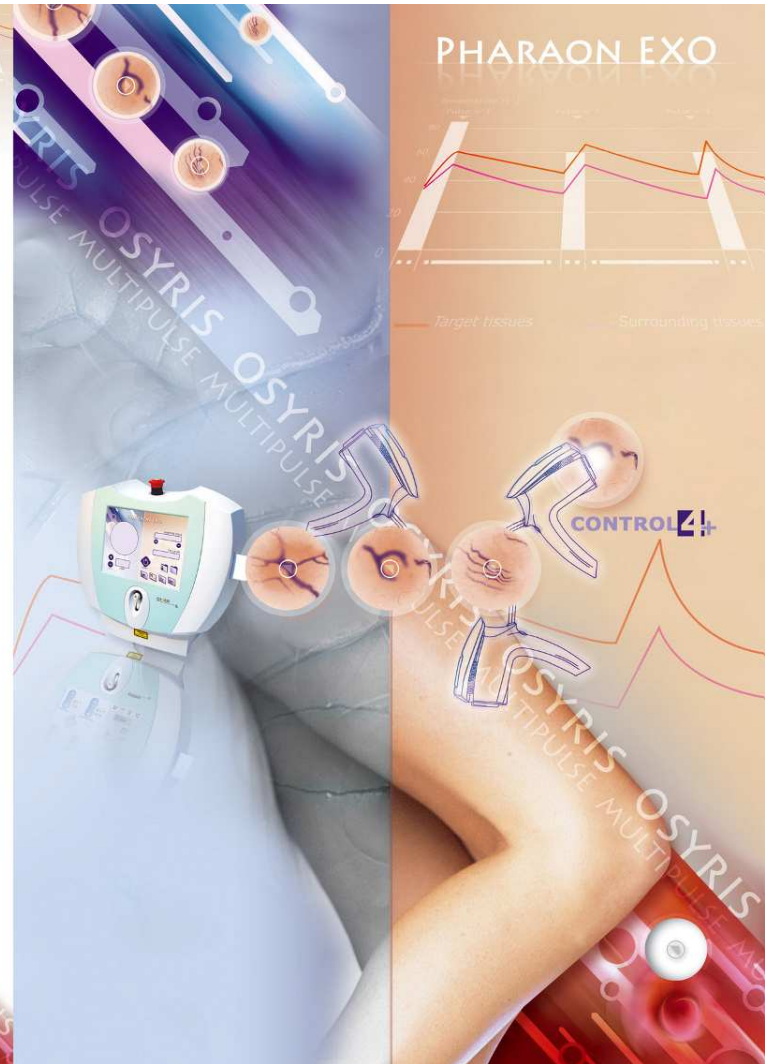
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CE 0398



PHARAON EXO

Target tissues Surrounding tissues

CONTROL4+

PHARAON 980: ONE LASER, 3 MAJOR APPLICATIONS

980: a reference wavelength.

Its reference: THE ENDOVENOUS TREATMENT

Its additional benefit: THE TREATMENT OF BLUE LEG VEINS

Its new innovating and consecrating application: THE ADIPOCYTOLYSIS LASER



PHARAON 980: A new generation of DIODE LASER:

- Guarantee of effective energy delivery.
- A large choice of emission modes:
 - Continuous mode.
 - Single pulse and repeat mode.
 - And its **MULTIPULSE** mode totally dedicated to the treatment of vascular lesions.

PHARAON 980: Smart Cards:

- Guarantees the control of each application in an appropriate way.
- Each application has its own dedicated software screen.
- Data transfer to the patient file.

PHARAON 980: Accessories of high performance:

- Fibres and connectors.
- Dedicated handpieces to each application.
- Sterile kits respecting the obligation of traceability.

PHARAON 980: A laser console:

- A user friendly touch screen
- Large screen: direct visualization by the physician.
- Adapted graphics for each application.
- Permanent information of the running laser procedure.
- Feedback and capture of the information.
- A dedicated OSYRIS memory stick for capturing and storing the treatment data.
- A modern design which blends very well with the medical offices specialized in aesthetic techniques.
- A size, a weight and a minimal foot print that express totally its high technology manufacture.
- Transportable from one office to another one: purchase by 2 or 3 doctors.
- A dedicated and nice looking carrying bag.

PHARAON 980: A revolutionary handpiece:

- Auto-regulated cooling system at 7°C +/- 10.
- Optical zoom.
- Screen display and treatment control.
- Manual handling.

PHARAON 980: A dedicated carrying bag



An advantage: transportable

PHARAON 980:

Concentrates all the laser and optical innovations in one system.

Its design, weight, size and price are attractive.

Thanks to its dedicated carrying bag you can share it with another physician.

The Pharaon 980 is an answer to the demand and a response to applications which are widely published.

CE 0398

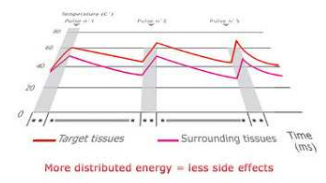
PHARAON EXO:
A new dimension in the treatment of blue leg veins.

An adapted wavelength:

- Principle: Selective photocoagulation
- Selective absorption by the vessel.
- Conversion of light energy into heat.
- Severe damage of the vein wall.
- Destruction of the vessel.

A specific emission mode: The Multipulse Mode

- Principle:
- Sequences of pulses.
- More energy delivered whilst preserving optical selectivity.
- Modification of the blood's optical absorption.
- Conversion of oxyhemoglobin into methemoglobin.
- The methemoglobin chromophore absorption is 4 times higher than the haemoglobin's one.



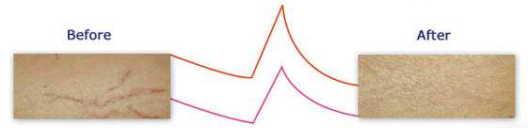
BIBLIOGRAPHY MULTIPULSE
 "Using a "non uniform pulse sequence" can improve selective coagulation with a Nd:YAG laser (1,06 µm)
 Thanks to Met-Hemoglobin absorption: a clinical study on blue leg veins"
Lasers in Surgery and Medicine 32:160-170 (2003)
 Mardon S., Bilot D., Fourrier A.

Multipulse

A revolutionary handpiece:

- auto regulated cooling system at 7°C +/- 10
- optimum focussing
- optimum position
- an optical zoom
- mapping of the treatment area
- visualization and control of the treatment
- screen display of the vessel
- optimum laser effect

CONTROL



A real innovation: The patient can visualize the treatment.
PHARAON 980: An ideal complementary solution to microsclerosis.
An additional tool for vascular treatment.