

THE LASER IN THE TREATMENT OF ANGIOMES, OF THE CAPILLARIES OF LEGS, OF THE COUPEROSE.

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INTRODUCTION:

The capillaries (called in medicine "teleangiectasie") of the lower limbs and of the face have been for a very long time an imperfection that is felt particularly by women, but more and more often also by men.

They do not cause significant damage, but the aesthetic aspect is very important and if they become very numerous, they can cause venous insufficiency, sometimes important.

Women are more affected by this pathology than men probably due to hormonal causes, predisposition, but above all to pregnancies.

Only a few years ago there was only sclerotherapy for lower limbs and sometimes diathermocoagulation for couperose. For some years it has been possible to correct this imperfection even with particular types of lasers with particular wavelengths.

I personally use the Nd-Yag 1064 Laser for the limbs lower and for the more dilated capillaries of the face, while for the capillaries of the face, especially the very thin ones, the 532 laser is truly a revolution, with very good results.

Personally I have recently purchased a diode laser which allows optimal results on all capillaries.

WHAT ARE THE BENEFITS?

The result is sometimes comparable to the treatment with the sclerotherapy, but there is no needle, the pain and burning is very limited and the final result is good.

In addition, many capillaries can be treated with the sclerotherapy was difficult to access, such as those on the foot and ankles, or those difficult along the course of the saphenous veins, on the inner face of the thigh.

Finally, for the "Matting", those very fine capillaries that develop after surgery or after a major sclerotherapy, the laser is truly irreplaceable. In conclusion I think the association of the two techniques gives the best results.

WHAT IS LASER?

Impara la pronunciaTo know more:

<https://www.youtube.com/watch?v=T3WAMWqT-DQ>

LASER, an acronym meaning Light Amplification by Stimulated Emission of Radiation, it is practically a device that emits light.

Obviously a very particular type of light and above all very variable: because we can have numerous wavelengths that determine many characteristics of the laser, in particular the color target on which it acts, (the so-called chromophore) and the depth at which radiation occurs in the skin.

The 1064 laser reads blue and dark red very well.

It has a greater penetration into the skin and therefore reaches deeper dermal layers.

It can therefore also be useful for the treatment of the venous reticulum of slightly larger dimensions and is very effective in venous insufficiency.

Laser 532 reads bright red better and has a much lower penetration.

It is very useful for very thin capillaries, particularly those on the face.



HOW IS THE THERAPY PERFORMED?

To know more:

<https://www.youtube.com/watch?v=SNdtj9lCi3U>

The capillaries of the lower limbs are only the tip of a iceberg and appear on the surface because the underlying venous circle, reticular veins or saphenous veins are dilated. So, if this is the cause, first you need to think about treating larger veins, which create insufficiency and telangiectasia only at the end.

For this reason, in my opinion, the best therapy is an integrated therapy that sees the treatment of major venous insufficiency at the beginning and at the end of the minor one. Very often therefore we talk about an integrated therapy with both sclerotherapy and laser to refine the result. It is very important to be able to make a complete diagnosis, possibly with a venous ultrasound of the lower limbs. This will allow an accurate diagnosis of venous insufficiency, accurately mapping venous insufficiency points.

The therapy always starts with the treatment of the greater dilated veins and varicose veins, for example with the scleromousse. But if the saphenous vein is insufficient, then the radical intervention may also be the preferred saphenectomy.

The Nd-Yag laser is among the lasers with the best effect instead on the capillaries and also on the venules of a certain caliber.

The capillary is closed by the laser energy that reads the specific color: the skin remains absolutely undamaged! In addition, the laser that I use also includes a particular type of cooling on the tip, in contact with the skin, called Terma Cool, which allows further reduction of inflammation and burning.

At the end of the sessions you must still wear elastic stockings and all the normally prescribed preventive therapy goes anyway followed.

HOW MANY SESSIONS ARE NEEDED?

If the capillaries are many, it may take several sessions, but on average with 4-5 sessions a fairly important defect can be treated. Obviously the therapy does not have a definitive result, but over the years the capillaries that must surely appear will appear.

This is not due to the fact that you have closed on one side and then a new capillary is opened by another, but it is due to the fact that the individual predisposition causes further capillaries that would have appeared over time.



WHAT DISEASES CAN BE TREATED?

The thin capillaries of the legs, couperose and the capillaries of the face represent the best target.

Even the ruby angiomas, the single or multiple stellate angiomas and the flat angiomas represent excellent targets, which sometimes disappear after a single treatment.

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