

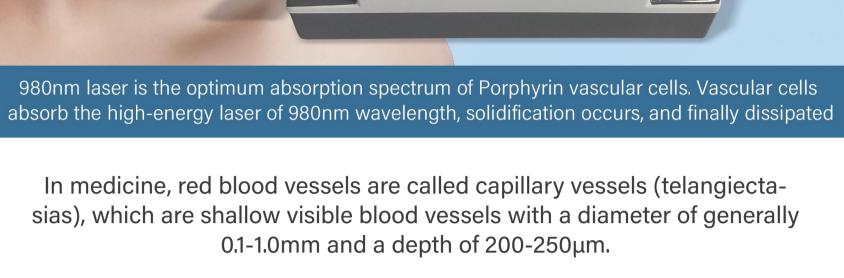
## #HifuAesthetic#

The treatment of Red blood vessels with 980nm laser

# 980NM -

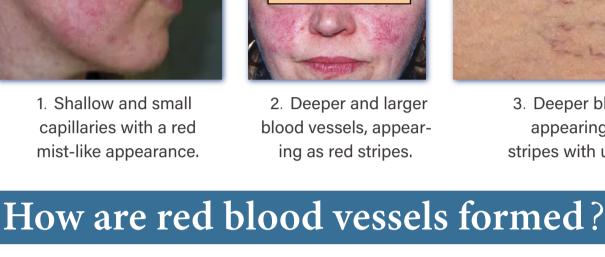
diode laser vascular vein removal machine vascular/spider veins removal

Germany's laser diode OC/OT protect technology Stable performan ce Sufficient po wer



What are the types of red blood vessels?





oxygen, the amount of oxygen carried by the arteries is not enough for the cells to use. In

order to ensure cell supply, the capillaries will gradually dilate to allow blood to pass



1. Living in high-altitude areas. Prolonged exposure to thin air can cause capillary dilation, also known as "high-altitude redness". (In an environment with relatively low

### through faster, so high-altitude areas will have high-altitude redness.) 2. Over-cleaning. Excessive use of various exfoliating products to scrub the face and

- soap-based facial cleansers can cause strong protests from the skin. 3. Overusing some unknown skincare products. Buying some skincare products with the lure of "quick effects" at random can forcibly turn oneself into a "hormonal face". Long-term use of hormonal drugs can cause collagen protein degeneration in the skin, reduced elasticity and increased fragility of capillaries, ultimately leading to capillary dilation and skin atrophy.
- damage the sebum film, causing the appearance of red blood vessels. 5. **Prolonged facial irritation.** Habits such as washing the face with water that is too

hot or too cold, or prolonged exposure to wind and sun can cause facial redness. (Under

the hot sun in summer, capillaries will dilate because a large amount of blood needs to pass through the skin's capillaries to exchange heat, and sweating is used to maintain normal body temperature. If the weather is cold, capillaries will constrict, reducing the

4. Irregular acid application. Long-term, frequent, and excessive acid application can

speed of blood flow through the body surface and reducing heat loss.) 6. Combined with rosacea (alcohol-induced nose redness). It often appears in the middle of the face, accompanied by symptoms such as skin redness and papules, and is often mistaken for "allergies" and "skin sensitivity". 7. Congenitally thin skin with capillary dilation.

The treatment of Red blood vessels:

forget their ability to both expand and contract, caus-

In simple terms, the cause of red blood vessels is inflammation due to damage to the skin barrier function. Capillaries that connect arteries and veins in the dermis malfunction, and the capillaries suddenly

ing them to continuously expand. This expansion is visible from the epidermal layer, resulting in the appearance of redness. Therefore, the first step in treating red blood vessels is to repair the skin barrier. If the skin barrier is not repaired properly, a vicious cycle will be formed.

1. Avoid products that contain irritating ingredients such as alcohol (ethyl and denatured alcohol), irritating preservatives (such as higher concentrations of methylisothiazolinone, parabens), artificial low-grade fragrances, industrial-grade mineral oils (which contain many impurities and may cause adverse skin reactions), and colorants. 2. Since the main components of intercellular lipids are ceramides, free fatty acids, and cholesterol in a ratio of 3:1:1, it is recommended to choose skincare products that are close to this ratio and structure, as 3. To avoid exacerbating skin barrier damage, daily sun protection is

◎照片

glad to hear that the laser has

been effective in those areas.

These are really helpful. I

appreciate you taking time to share your valuable experience

with our laser. Is there other concerns you might have?

www. hi fuaesthetic. com That's really fantastic! I'm really

That's amazing 🥰 🥰 🥰

## essential. Choose safe sunscreen and enhance physical sun protection.

they are more helpful for skin repair.

So how do we repair it?

treatment can be chosen. *Laser*: 980nm

removal. how it's been working for

you? and if there is anything we

results so far.

need to improve on? 69

Hi Lara, thanks for checking in

Yes, I've been really happy with the

The laser has been really effective

in reducing redness and veins

One thing that comes to mind is

to open and I think it could be

the packaging. It was a bit difficult

Sure! I've been using it once and

have definitely noticed a obvious effect in the appearance of my client's skin 69 69 It's really nice to

see a visible difference

www.hifuaesthetic.com/aser

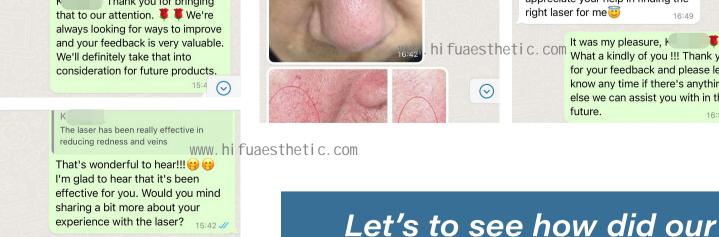
machine?

Hmm, very good effect. I

satisfied with the effect!

like the machine very much. My clients are very

result 👍 👍 👍 That's great to hear 3, K Have a good day . I I'm glad it's made such a positive hope you've been enjoying using impact for your treatment. Have our 980nm laser for vascular



feedback of our 980nm

removal

上午12:45

上午12:47 🕢

I am so glad to hear that

Will the spider vein

treatment?

appear again after the

www.hifuaesthetic.com

you like the machine.

I am so glad to hear that you like the machine. 上午12:47 🗸 Will the spider vein 上午12:44 🗸 appear again after the treatment? 上午12:48 🗸

client give feedback?





venous lakes, more suitable for larger blood vessels

After the skin barrier is fixed, 980nm laser

Peak absorption and treatment depth: Absorption of oxygen and hemo-

globin ≥ melanin (> less absorption of melanin after 900nm); 3-5mm.

you noticed any specific areas that

have responded particularly well to

the treatment?

Yes, actually. The veins around my

client's nose and cheeks have

improved the most.

www. hifuaesthetic.co

Main Indications: Facial telangiectasia, PWS, leg telangiectasia,

