

Information UV phototherapy treatment



The National Psoriasis Foundation of America has this to say about UVB treatment: "This type of treatment (UVB) involves exposing the skin to a particular wavelength of ultraviolet light called UVB. It is a **common, safe and very effective treatment** for moderate to severe psoriasis or localized areas of stubborn psoriasis plaques. It may be used alone or in combination with topical or systemic Psoriasis treatments.*" Please consult your doctor for more information on UVB treatment. * Source; www.psoriasis.org. UVB phototherapy treatment is suitable and recognised for;

- Psoriasis (highly-extremely effective) Narrow Band UVB
- Acne (highly effective) UVA
- Vitiligo (moderately-highly effective) Narrow Band UVB
- Dermatitis (moderately-highly effective) Narrow Band UVB

UVB treatment was first used in 1925 by Dr Goeckerman, and Coal Tar treatment has existed for more than 100 years. The two treatments have been combined since the early 1960's with amazing success in most cases. We are pleased to offer a UVB light treatment suitable for home use and the treatment of Psoriasis and other skin conditions such as Acne, Vitiligo and Dermatitis etc. UVB light can be harmful if misused, please follow all instructions carefully. However, if used properly these risks are considered extremely small and the benefits out way the possible adverse issues. Narrow Band UVB products are much newer products than the older style units and properly used are considered safe for general use.

UVB light treatment is traditionally expensive and often time consuming, requiring treatment every day or at least 3-4 times per week for a period of 1-3 months. With our unique products you can now treat yourself when and where convenient in the privacy of your own home, at an affordable price – saving time and money. Furthermore, you can apply your own treatment when you Psoriasis reoccur and as needed without the need to see a specialist.



UVB technical information

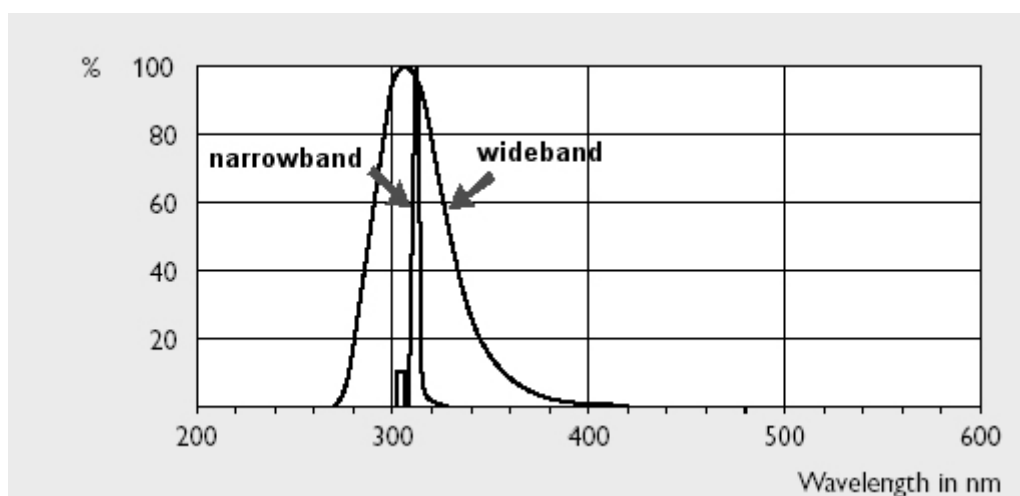
Dermalight products solve the problems of over-exposure to ultraviolet light by maximizing the delivery of narrow-band UVB radiation (in the 311-312nm range, the most beneficial component of natural sunlight) while minimizing exposure to superfluous UV (e.g. UVA and the extended UVB spectrum.) This allows patients to receive phototherapy treatments with less risk of severe burning or pathogenic exposure to more harmful wide band radiation ranges. UVB narrow-band also avoids the adverse side effects of the psoralen drugs used in conventional PUVA therapy, since UVB treatment requires no supplemental drugs. These therapeutic benefits have made the dermalight products the fastest-selling phototherapy units in Australia, the UK, Europe and now America.

Clinical studies show the peak therapeutic effectiveness of UVB to be within the 295-313nm range but wavelengths below 300nm are more likely to cause erythema or severe burning and increase the risk of skin cancer. Narrow band UVB is in the 311-312nm range, and therefore does not emit the more dangerous wide spectrum that includes wavelengths of 280-300nm and above 330nm.

Because wavelengths below 300nm are eliminated UVB narrow band therapy times can be increased safely, so patients can derive the maximum benefit from phototherapy. The increase effectiveness permits more aggressive treatment regimens, resulting in a shorter course of treatment. Extensive research confirms that patients not only avoid the danger of serious burning from sub-erthelmal exposure, they may also enjoy longer remission periods after treatment.

Remission periods are similar to those with PUVA therapy and markedly superior to road-band UVB treatment. Studies show 38-40 percent of narrow band patients require no additional therapy for at least 12 months.

Our product emits UVB light at a wave length of 311nm which is in the narrow band range - most other products emit the older, more dangerous radiation in the wide band spectrum. Narrow band UVB is much safer than full spectrum UVB, and the output is reduced by well over 90%. Narrow band UVB is the exact wave length that Psoriasis responds to best. Why bombard your skin with unneeded light radiation? Even many UVB products in hospitals are older style, full UVB spectrum products as they are often many years old. If you imagine sun exposure to natural sunlight is equal to 100% UV radiation exposure, using a narrow band UV light is roughly 1% UV radiation exposure (powerful and targeted treatment.)



Our Dermalight80 has medical quality Phillips globes. There are many other products that have non-medical quality globes, and some product also only have 1 globe. So our product is generally more powerful and narrow band is much more effective. We also have industrial grade units available for full body treatments and clinical use etc.

For more information, please see our web page at www.beatpsoriasis.com