

Vitamin D

Make vs. Take

Vitamin D is a **hormone** made **naturally** in the body



UVB light is absorbed by the skin



The skin produces cholecalciferol

Cholecalciferol is transported to the liver *steadily over several days*

Synthetic vitamin D3 is commonly made from **lanolin** washed from **sheep wool**



Synthetic vitamin D3 (cholecalciferol) supplements are ingested



Cholecalciferol is absorbed by the small intestine

Cholecalciferol is transported to the liver *all at once*



The liver converts cholecalciferol to calcifediol



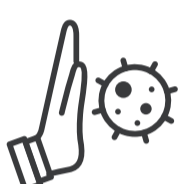
The kidneys convert calcifediol to calcitriol

Calcitriol is the active form of **vitamin D!**

Vitamin D interacts with nearly **every cell** in the body



Strengthens bones and muscles



Boosts immunity



Improves mood



Reduces inflammation



Improves heart function

Benefits of vitamin D from UVB light

- Your body only makes what it needs
- No absorption or digestion issues
- Slow and steady release is optimal for liver and kidneys to safely process
- Your body stops making vitamin D after the optimal level is reached

The problem with pills

- Dosage is estimated based on generalized health needs
- Individuals with fat malabsorption issues have difficulty obtaining sufficient levels of vitamin D
- Immediate influx of dosage may put stress on the liver and kidneys
- Large doses introduce risk of toxicity and overdose

We **don't** get enough **vitamin D** from **sunlight**

- Sunscreen
- Clothing
- Indoor Lifestyle
- Northern Latitude
- Weather
- Pollution
- Time of Day
- Time of Year

- Sunburn
- Skin Aging
- Skin Cancer
- Eye Damage

Too much sunlight is **unhealthy**

SOLIUS[®] Light Therapy

Invisible Light Spectrum



293-303nm

Treats Vitamin D Deficiency

Effective

- Emits a narrow UVB spectrum optimized for **vitamin D** production
- Activates the same physiological processes as **UVB sunlight**



Safe

- Eliminates the most harmful UVA rays** found in sunlight and tanning beds
- Provides **safe and controlled** therapeutic dosing
- Licensed by **Health Canada**

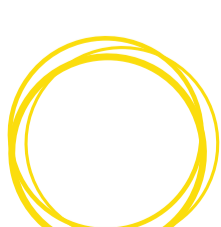


Easy

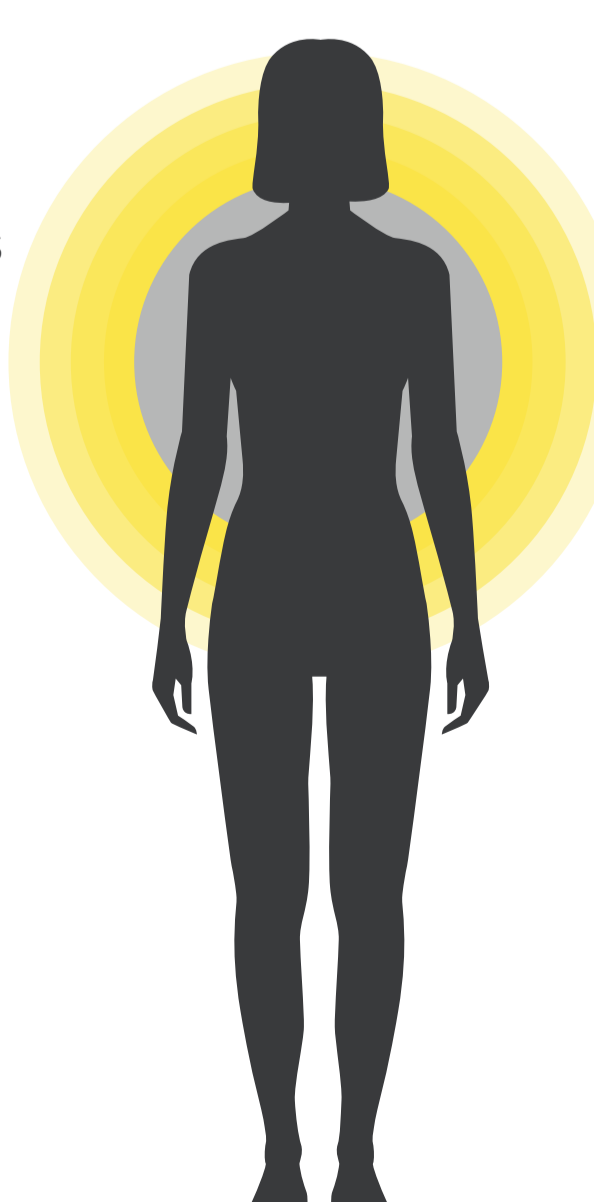
- Delivers treatment in just **minutes per week**



The Benefits of the Sun Without the Harmful Rays
<https://www.solius.com/mission>



SOLIUS[®]



IMPORTANT SAFETY INFORMATION

SOLIUS devices are only intended to stimulate the production of endogenous vitamin D for the treatment and prevention of vitamin D deficiency.

Ask your doctor if SOLIUS is right for you. Please review the intended use, indications and contraindications, and known risks associated with SOLIUS therapy at www.solius.com/intended-use