

celluma[®]
Light Therapy

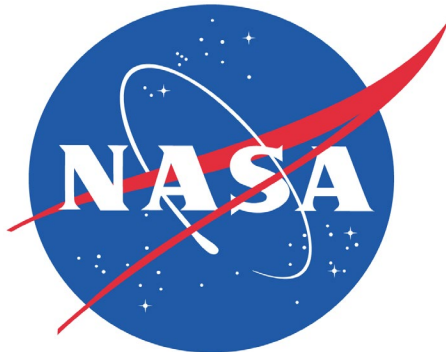
Award Winning Light Therapy



Illuminating Vitality

The application of specific wavelengths of light to tissue to obtain therapeutic benefits

- Category: Low Level Light Therapy
- Includes LED & Cold LASER (under 1W power)
- Treats Acne, Wrinkles & Pain & more
- Great for pets too



“The day may not be far off when most homes will have a light source (most likely a LED device) to be used for aches, pains, cuts, bruises, joints, and which can also be applied to the hair and even transcranially to the brain”.

Note: this is the closing comment from a collaborative study conducted by researchers at Boston’s Mass General Hospital, the Harvard School of Medicine and the Harvard-MIT Division of Health & Sciences

(Annals of Biomedical Engineering, Feb 2012. The Nuts & Bolts of Low Level Laser (Light) Therapy)



MASSACHUSETTS
GENERAL HOSPITAL

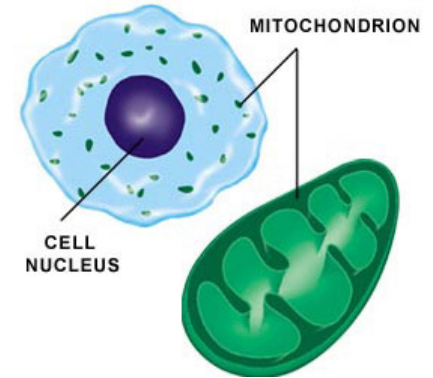


HARVARD
MEDICAL SCHOOL

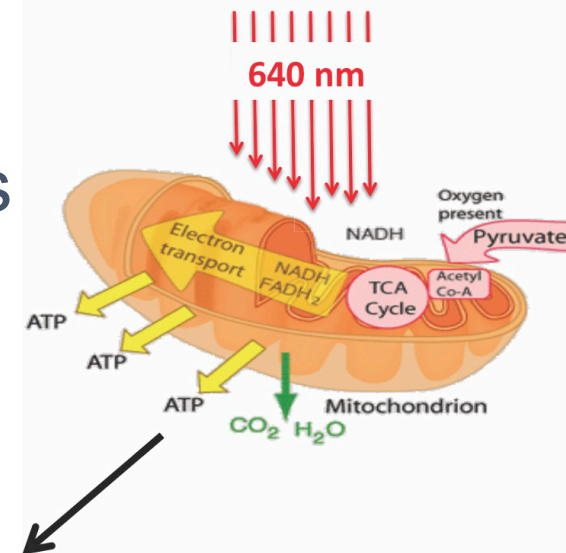
Wellman Center for Photomedicine

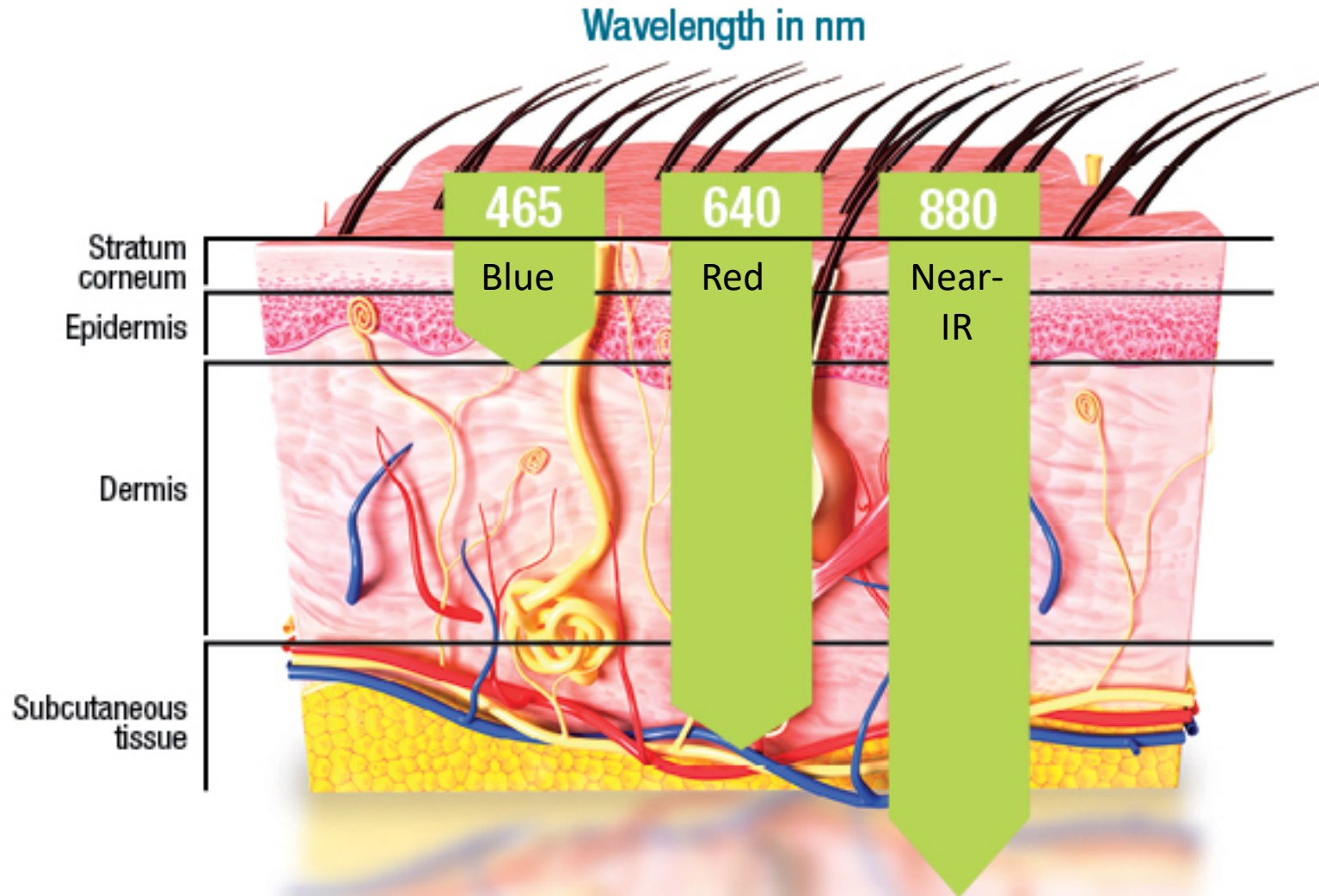
Think of it as a battery charger for *compromised cells* . . .

- Light source emits photons
- Photons are absorbed in the mitochondria and cell membranes
- Causing an elevation of ATP synthesis
- Increased ATP causes a cascade of metabolic events resulting in biochemical & cellular changes...



Light-Activated Biostimulation





- **Fibroblast Cells**: (red, a little IR). Produces collagen and elastin fibers in connective tissue.
- **Keratinocytes**: (both red and IR equally). Provides structural strength to the skin, hair and nails. Responsible for skin clarity, tone and texture.
- **Mast Cells**: (red, near IR). Essential for inflammatory reactions.
- **Neutrophil Cells**: (leukocytes): (little red, mostly IR). Are the first line of defense in the inflammatory process. Adequate numbers are important to protect the body from infection.
- **Macrophage Cells**: (leukocytes): (red and IR). Play a vital role in activating specific immune responses.
- **P. acnes bacteria**: (blue) causes bacteria to destroy itself.

Acne

Blue Light Dominant
(465 nm)

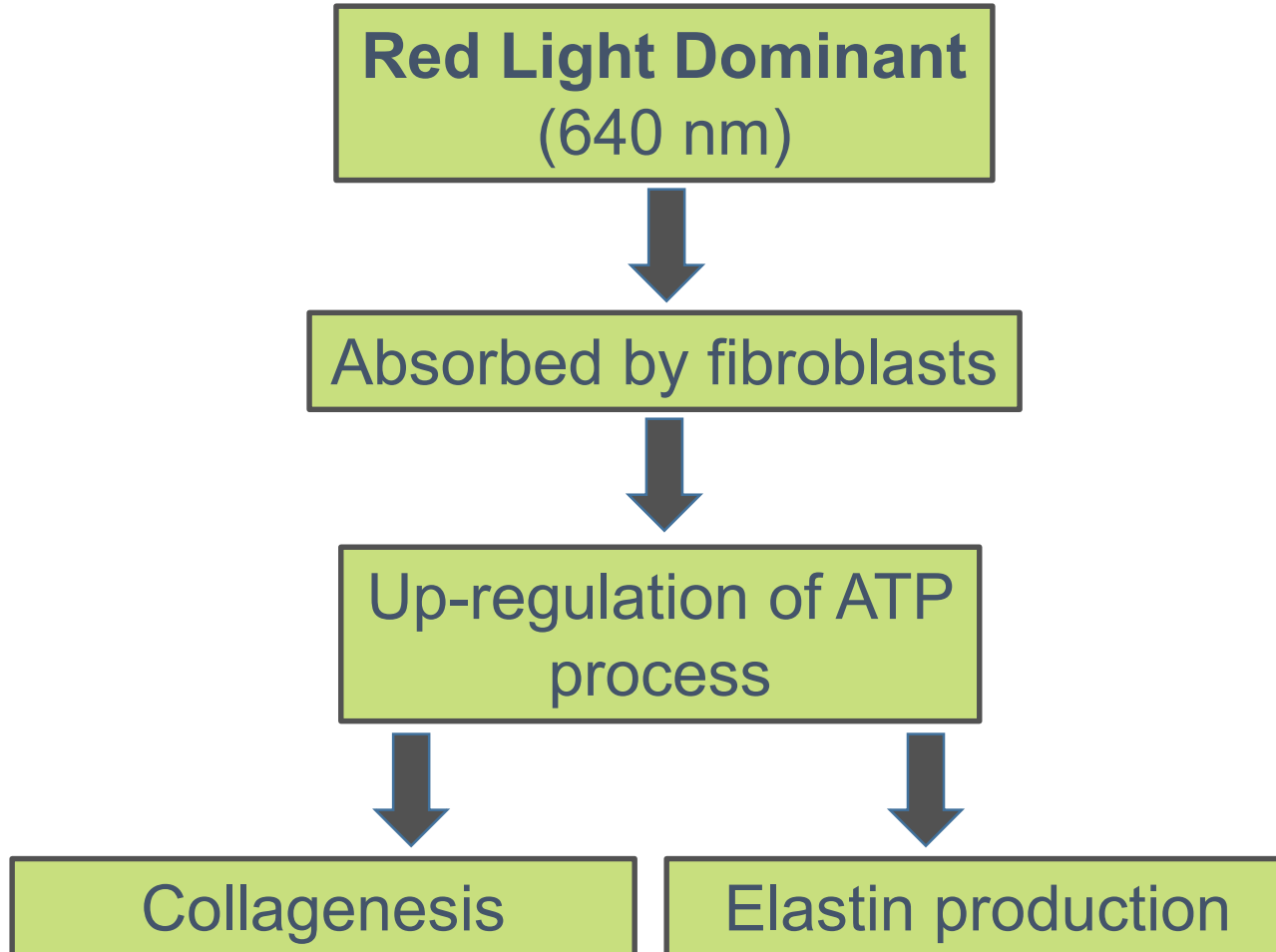


Singlet oxygen is produced

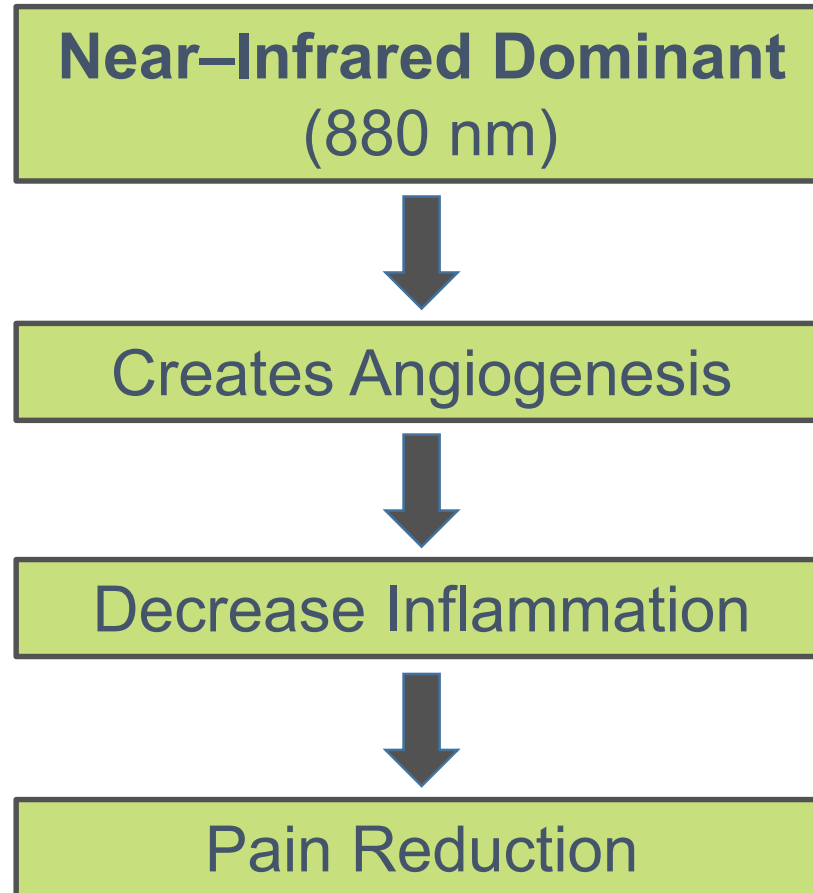


P. acnes self-destruction
A phototoxic reaction
caused by singlet oxygen
(a bacteriacide)

Wrinkles



Pain



Wound Healing

Red + IR wavelengths
(640 + 880nm)



Absorbed by epithelial cells



Up-regulation of ATP process – cell migration - angiogenesis



Wound closure

Perfect Combination of Sophistication & Simplicity

Large
Flexible
Panel

Control Pad



Power
Cord



Celluma ELITE



Celluma PRO



Celluma SKIN



Celluma SPORT



Celluma LITE



Celluma HOME



Celluma FACE



Celluma Clear



Celluma POD



celluma[®]
PRO



celluma[®]
ELITE



celluma[®]
LITE



celluma[®]
HOME





Before Celluma



After Celluma

**2 times per week
8 weeks later
No other modalities
used**



Before Celluma



After Celluma

**2 times per week
8 weeks later
No other modalities
used**

Before & After

Before Celluma



may 19

After Celluma



june 25

**2 times per week
5 weeks later
No other
modalities used**



2 times per week for 8 weeks later
No other modalities used (images courtesy Laura Kitzman)



"Loving my Celluma and have been experimenting with different protocols. Protocol for this young acne client was **30 minute blue LED 1 x weekly** with simple cleanse and extractions for 6 tx. **Then 1 x month for 2 tx** (NO enzyme or chemical peels) plus home care of salicylic wash, toner, 5% BPO gel, oil-free SPF a.m. and periodic clay mask. Client also cut sugar and dairy intake. We started Feb. 22nd but, due to my husband's illness, had only 1 appointment mid-May until our appointment last week (July 31st approx.) at which time the "after" photo was taken. These are excellent results given we did no full facials."

Before & After



Before Celluma



After Celluma

**2 times per week
2 weeks later
No other modalities
used**

Before Celluma



After Celluma

**2 times per week
2 weeks later, no other modalities used**

The Power of **celluma** LED Therapy!

Client is in her late 20's & struggling with adult acne.

Here's How We're Fighting Back!

- ~ **30 minute Celluma Treatment, 2x / week** using blue LED (It's so relaxing under the light, she can't wait to get in for her "nap time" now!)
- ~ **Gentle exfoliating facial 1x / month** using an enzyme or a combo of lactic & salicylic acids.
 - ~ I recommended a **gentle cleanser** that she was able to pick up at the drug store.
- ~ She is using **Circadia by Dr. Pugliese's Daytime Control & Nighttime Control** which work to control sebum production, reduce inflammation, and eliminate the p. acne bacteria.

Immediately Before 1st Treatment...



Immediately After 9th Treatment...WOW!



Beach Bums Skincare & Waxing Salon ~ Stephanie Meyer, Owner / Esthetician
1542 Guava Avenue, Suite C, Melbourne, FL 32935
321-890-6010 ~ www.BeachBumsSkincare.com





Before Celluma



After Celluma

Protocol: 3 times per week for 4 weeks
Photo taken 12 weeks after final Celluma treatment



Before Celluma



After Celluma

Protocol: 3 times per week for 4 weeks
Photo was taken 12 weeks after final Celluma treatment



Before Celluma



After Celluma

**Protocol: 3 times per week
for 4 weeks**



Before Celluma



After Celluma

1 x 30 minute Celluma treatment, 2 times a week for 4 weeks
No other modality used (Images courtesy Lori Hall L.E.)



Before Celluma



After Celluma

1 x 30 minute Celluma treatment, 2 times a week for 4 weeks
No other modality used (Images courtesy Lori Hall L.E.)



Before Celluma



After Celluma

1 x 30 minute Celluma treatment, 2 times a week for 4 weeks
No other modality used (Images courtesy Lori Hall L.E.)

Firming Skin and Smoothing Wrinkles



4 week treatment - 8 weeks post treatment

Image courtesy Lori Hall L.E.





Before Celluma



After Celluma

2 times a week for 4.5 weeks, 9 treatments total



Before Celluma



After Celluma

**Bruise after one 30 minute Celluma treatment
No other modality used**



Before Celluma



After Celluma

**Bruise after one 30 minute Celluma treatment
No other modality used**



Before Celluma



After Celluma

**Arm bruise 20 hours after 1 Celluma treatment
No other modality used**



*After microneedling & before
Celluma*



*After 30 minutes
Celluma*



*After microneedling & before
Celluma*



*After 30 minutes
Celluma*



*After microneedling & before
Celluma*



*After 30 minutes
Celluma*



Courtesy of
Dr. Travall Croom, Ameliorative Therapies



Before Celluma



After Celluma

After 3 Celluma treatments over 9 days. No other modality used

*Celluma is not FDA-cleared for wound healing



Before Celluma



After 6 weeks

Celluma in Collaboration with The Semper Fi Fund

We work with The Semper Fi Fund to make Celluma available to Wounded Warriors for pain relief



