

BOSLEY.

REVITALIZER™

LASER HAIR RESTORATION

USER MANUAL

**NO MORE
HAIR ENVY**

30 minutes...
every other day...
infinite possibilities.



**Treat Your Hair Loss.
Regrow Thicker, Fuller Hair.**

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Please read entire manual before first use.

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A Note from the Doctor

Dear Friend,

Today, you're one step closer toward treating your hair loss and regaining your confidence.

Whether your thinning hair is recent or has been noticeable for some time, Bosley Revitalizer Laser Hair Restoration system can help treat pattern hair loss due to genetics, called androgenetic alopecia.

Bosley Revitalizer delivers therapeutic laser technology that helps treat hair loss, reduce excess shedding and promote fuller, thicker hair. To promote the hair growth cycle, it helps stimulate hair follicles and supports blood flow to the scalp.

This FDA cleared medical-grade device is powered by laser diodes placed in a precise pattern for maximum coverage. In clinical studies, Low Level Laser Therapy (LLLT) has been proven to stimulate hair follicles, improve hair density and reduce the rate of hair loss.

For your convenience, Bosley Revitalizer is uniquely designed with a Controller Pod that puts control of your sessions at your fingertips.

To maximize your results, be sure to use your Revitalizer device as recommended—only 30 minutes a day, every other day.

Bosley has helped thousands of men and women feel confident in their appearance again. The Revitalizer Laser Hair Restoration system can do the same for you.

Sincerely,

Dr. Washenik

Ken Washenik, M.D., Ph.D.

Chief Medical Director, Bosley Medical Group



ABOUT BOSLEY® REVITALIZER

Created by Bosley, a worldwide leader in hair loss treatments for over 40 years, the Revitalizer Laser Hair Restoration system delivers leading-edge technology to promote hair regrowth in the privacy of your home. The FDA-cleared device is designed for portability, ease and convenience to support consistent hair growth treatment and optimal results.

Bosley Revitalizer is uniquely designed with a Controller Pod that makes starting and tracking your therapy sessions easy. For your convenience, the power button and indicator light illuminate when therapy is in progress.

HOW IT WORKS

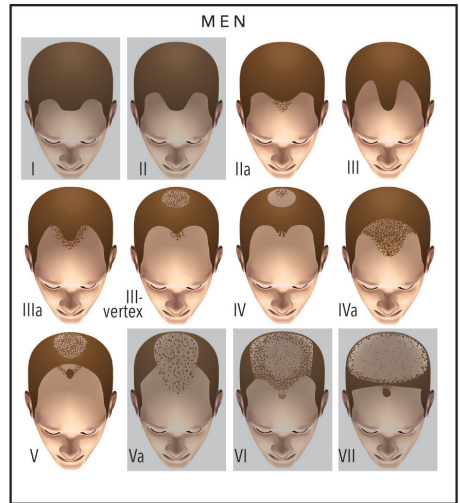
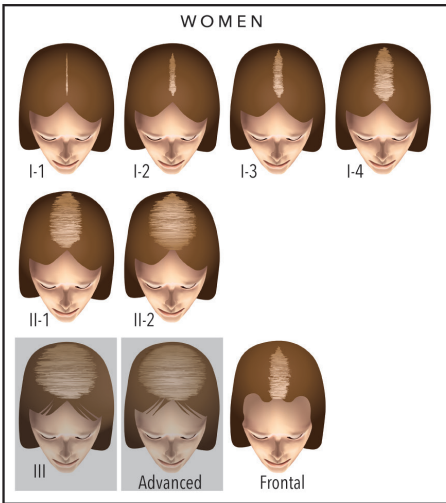
Bosley Revitalizer uses Low Level Laser Therapy (LLLT) technology to treat the scalp and hair follicles. This clinically proven therapy helps stimulate cellular activity and blood circulation to treat hair loss and promote hair growth.

INDICATIONS FOR USE

Hair loss is a concern for millions of men and women, and can be caused by many factors, including genetics and health conditions. The most common reason is androgenetic alopecia, a hereditary condition that accounts for 98% of hair loss in men and women.

Bosley Revitalizer Laser Hair Restoration system is indicated to promote hair growth in males with androgenetic alopecia who have Norwood-Hamilton classifications of IIa to V patterns of hair loss, and in females with androgenetic alopecia who have Ludwig-Savin Classifications of I-1 to I-4, II-1 to II-2, or frontal; both with Fitzpatrick Skin Phototypes I to IV.

These indications are represented in the non-shaded areas below:



Fitzpatrick Classification of Skin Types:

Low Level Laser Light Technology has only been tested on the following Fitzpatrick Skin Types:

Type 1: Highly sun sensitive, always burns, never tans

Type 2: Very sun sensitive, burns easily, tans minimally

Type 3: Sun sensitive skin, sometimes tans, slowly tans to light brown


Type 4: Minimally sun sensitive, burns minimally, always tans to moderate brown


LLLT has NOT been tested on the following Fitzpatrick Skin Types:

Type 5: Sun insensitive skin, rarely burns, tans well

Type 6: Sun insensitive skin, never burns, deeply pigmented

Fitzpatrick Classification of Skin Types: LLLT has only been tested on Skin Types 1 to 4

 **Type 1:** Highly sun sensitive, always burns, never tans

 **Type 2:** Very sun sensitive, burns easily, tans minimally

 **Type 3:** Sun sensitive skin, sometimes tans, slowly tans to light brown

 **Type 4:** Minimally sun sensitive, burns minimally, always tans to moderate brown

 **Type 5:** Sun insensitive skin, rarely burns, tans well

 **Type 6:** Sun insensitive skin, never burns, deeply pigmented



INTENDED USE

Bosley Revitalizer Laser Hair Restoration system is intended for self-service hair loss treatment and is intended for use on the human scalp only. Any other use is not recommended.

FREQUENCY & DURATION OF USE

The Bosley Revitalizer can help promote hair growth when used as directed. For best results, use the device every other day for a maximum of 30 minutes per session.

Note: Exceeding the recommended time or frequency of use will not increase effectiveness. Do not exceed the recommended usage unless directed by your hair restoration Physician. Do not use the laser cap on consecutive days.

WHAT'S INCLUDED

Identify all parts before connecting and using for the first time:



1. Bosley Sports Cap
2. Revitalizer Cap
3. Controller Pod
4. Indicator Lights
5. Power Button
6. Rechargeable Battery Pack
7. Charger Connection (located on the bottom of the battery compartment)
8. Controller Cable
9. Belt Clip
10. Wall Charger
11. Storage Pouch (not shown)

INSTALLING & CHARGING BATTERY

To install the battery, slide the protective cover down. Lift the Battery Pack protective cover upward. Insert batteries ensuring the “+” and “-” symbols match. Slide the protective cover to close.

Prior to first-time use, charge the lithium battery fully to extend its lifespan. A fully charged battery can power up to 5 laser treatments. Allow 4-5 hours per charge.

To charge, connect the AC adapter to the battery compartment and plug into power outlet. The LED indicator light will flicker during charging and remain static when battery is fully charged.

When ready to use your Bosley Revitalizer, disconnect the AC adapter from the battery compartment.

SAFETY PRECAUTIONS

For your safety, please read and follow these important safety precautions:

- To avoid eye injury, do not look directly at or stare at the laser beam or light source.
- Do not aim the laser beam at other people.
- Under low ambient light conditions, Bosley Revitalizer may cause dazzling, flash blindness and an afterimage.
- Any operation or application that is not strictly in accordance with specified methods in the manual may cause injuries.
- Do not immerse the device in water or use near liquids to protect against the risk of electrical shock.
- This device should not be used by children, by individuals whose physical, sensory or mental abilities prevent safe use of the appliance, or by individuals with limited knowledge of how to use the device. Close supervision is needed when using this appliance near these individuals.
- Do not alter this device in any way as it may result in radiation exposure.
- Contact Bosley if the power supply is damaged to avoid risk of an electrical hazard or damage to the device.

SAFETY PRECAUTIONS CONTINUED

Safety labels on your Bosley Revitalizer are illustrated below. Please follow all instructions and warnings accordingly. If you discover a safety label is scratched, damaged or missing, order a replacement immediately.



Laser radiation. Do not stare into beam.



Laser emitted from here.



Read entire user
manual before using



Type BF applied part
complying with IEC
60601-1



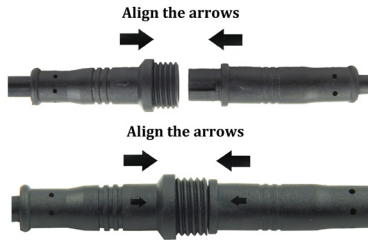
Recycle or dispose
carefully

INSTRUCTIONS

- STEP 1** Fully charge the batteries before first use. (Approximately 6 hours, or when all 4 lights are on.)



- STEP 2** Connect the battery pack to the Revitalizer cap. Be sure to locate and align the arrows.



- STEP 3** Before use, disconnect the battery pack from the wall charger. If the battery pack is connected to the wall charger the device will not power on.



- STEP 4** Place the Revitalizer cap on your head. **THE REVITALIZER CAP WILL NOT FUNCTION UNLESS IT IS PLACED ON YOUR HEAD.**

INSTRUCTIONS CONTINUED

STEP 5 Locate the controller pod which is located on the cable between the Revitalizer cap and the battery pack. Press and hold the power button for 4 seconds. The cap is on when the white arch is illuminated. The laser treatment is ongoing when the yellow indicator light is illuminated.



Power is on when the white arch is illuminated

Power button

Yellow indicator light

Green indicator light

STEP 6 To verify the Revitalizer cap treatment has started, look into a mirror and you will notice that red laser lights are pulsating on and off. The 30-minute treatment has started.

At the end of the 30-minute treatment cycle, the cap will automatically turn off. When treatment ends there is a beep sound.

INSTRUCTIONS CONTINUED

If the Revitalizer Cap is removed from your head during the 30-minute treatment cycle, the cap will automatically pause the treatment cycle. The green and yellow indicator lights will flash intermittently indicating the treatment cycle is paused.

To resume the treatment cycle, place the cap back on your head and the yellow indicator light will remain illuminated indicating the treatment cycle has resumed. **If the cap is not replaced on to your head within 10 minutes, the cap will automatically turn off.**

To manually turn off the Revitalizer Cap, press and hold the Power Button for 4 seconds.

CLEANING

Unplug your device and disconnect all cables before cleaning. Gently wipe the inner surface of the Revitalizer Cap with a soft cloth and rubbing alcohol.

STORAGE

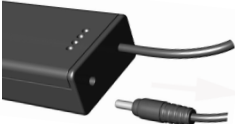

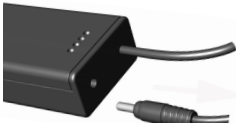
To extend the life of your Bosley Revitalizer, remove the battery if you will not be using your device for an extended period. Store in ambient temperature between 4°F to 131°F.

OPERATING PRECAUTIONS

- You must use the supplied battery, cable and charger/AC adapter power supply.
- To avoid fire, electric shock or explosion, do not: disassemble, incinerate, heat, short circuit or place the battery or charger in high-temperature environments or around heat-producing appliances or use in other equipment serving different purposes.
- Use the supplied charger/power supply. It is strictly forbidden to use a power supply that does not match the required voltage to avoid damage, fire or electric shock.
- Do not cover the charger while in use to prevent a fire.
- Do not use a wet battery or charger and plug, or unplug the power with wet hands to avoid fire and electric shock due to short circuit.
- Disconnect the charger when not in use.
- Before the battery is removed, turn off the power switch and unplug the charger.

WARNING: Avoid wrapping the cable around the neck to prevent strangulation.

TROUBLESHOOTING

MALFUNCTION(S)	TROUBLESHOOTING STEPS
<p>Blue battery indicator lights don't illuminate</p>	<ol style="list-style-type: none"> 1) Charge the batteries for 6 hours to achieve a full charge. 2) Open the battery pack and confirm that the batteries are seated correctly and that the polarity of the batteries + / - are installed correctly. 3) Confirm that the wall charger is plugged into the battery pack and into the wall. 4) If the lights do not illuminate then contact Bosley.
<p>The white arch doesn't illuminate on the controller pod</p>	<ol style="list-style-type: none"> 1) Make sure batteries are fully charged. 2) Confirm that the battery pack is disconnected from the wall charger.  <ol style="list-style-type: none"> 3) Check if cable is connected to the Revitalizer cap correctly? Be sure to align the arrows when connecting the cables. 
<p>The red laser lights will not illuminate</p>	<ol style="list-style-type: none"> 1) Make sure batteries are fully charged. 2) Confirm that the battery pack is disconnected from the wall charger.  <p>Troubleshooting continued...</p>

TROUBLESHOOTING continued...

The red laser lights will not illuminate

3) Make sure the cable is connected to the Revitalizer cap correctly. Be sure to align the arrows when connecting the cables.



4) Place the Revitalizer cap on your head and look in the mirror to verify that the red laser lights are pulsating on and off.

If the lights did not go on, then reset your batteries

1) Make sure the battery pack is not connected to the wall charger. Open the battery pack by sliding the cover with your thumb.



2) Take out the batteries for 1 minute. Replace and make sure they are in correctly. The plus sign on the battery goes where the plus sign is on the inside of the battery pack.



3. After the batteries are back in and the cover is put back on, then try holding down the power button again. If the lights do not go on then contact us.

SPECIFICATIONS

ITEM	DESCRIPTION
Laser cap power input:	DC7.4V, 2.5A, 2,500mAh
Charger power input:	AC100V-AC240V, 50/60Hz, 0.35A
Charger output:	DC9V, 1A
Laser wavelength:	650nm±10nm
Pulse width:	50ms
Pulse interval:	80ms
Pulse frequency:	4Hz
Semiconductor laser diode rated output power:	<5mW
Semiconductor laser diode classification:	Class 3R
Power output Rated voltage and current:	DC7.4V, 2.5A, 2,500mAh
Number of semiconductor laser diodes Bosley Revitalizer 272:	272 laser diodes
Bosley Revitalizer 164:	164 laser diodes
Bosley Revitalizer 96:	96 laser diodes
Lithium battery:	18,650 3.6V 2,500mAh 2 batteries

SPECIFICATIONS CONTINUED

ITEM	DESCRIPTION
Normal working conditions:	Ambient temp: 0 °C ~ 30 °C (32°F to 86°F):
Relative humidity:	15% ~ 90%
Atmospheric pressure:	700hPa ~ 1,060hPa
Transport and storage conditions Ambient temperature:	-20 °C ~ 55 °C (4°F to 131°F)
Relative humidity:	≤ 93%
Atmospheric pressure:	700hPa ~ 1,060hPa
Cap body dimensions:	195mm×179mm×90mm
Net weight Bosley Revitalizer 272:	450 g.
Net weight Bosley Revitalizer 164:	400 g.
Net weight Bosley Revitalizer 96:	375 g.
Gross weight Bosley Revitalizer 272:	1100 g.
Gross weight Bosley Revitalizer 164:	1050 g.
Gross weight Bosley Revitalizer 96:	1050 g.
Battery compartment dimensions:	117mm×41mm×21mm
AC adapter/charger:	75mmx42mmx21mm

REGULATORY COMPLIANCE

Bosley Revitalizer Laser Hair Restoration systems comply with 21 CFR for Class 3R laser products, IEC 60601-1, IEC 606-1-2, IEC 60825, IEC 62133, IEC 60601-1-6.

WARRANTY POLICY

Your Bosley Revitalizer is protected by a limited warranty against defects in material and workmanship for a limited warranty period. If Bosley determines that the device suffers such a defect during the limited warranty period, the parts will be repaired or replaced with new or refurbished parts at no cost to you. This warranty is provided only to you and is not transferable.

The warranty does not cover any failure, defect or damage resulting from use of the device that does not comply with its intended function, improper installation, unauthorized maintenance, misuse, vandalism, or acts of God.

Limited warranty period:

Revitalizer Cap: **2-YEAR WARRANTY**

Battery Compartment & AC Adapter: **1-YEAR WARRANTY**

For repairs and support, contact:

Bosley, Inc.
9100 Wilshire Blvd, 9th Floor
Beverly Hills, CA 90212
(888) 808-6654
Bosley.com



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