

MBET Bio Active Marine Extract™

Compounds for Dermatological (Human and Veterinary) Applications:

1. Mechanism of Action

- * stimulate stem cells transforming them into new fibrocytes and new capillaries
- ** stimulate immune system to kill pre-cancer and cancer cells and destroying the basophilic degeneration which is to the cellular environment which generates (with genetics) carcinogenesis.

2. Rating of Benefit

Rating comparative to other present preparations: 0-10 (10 = works when no other product does; 0 = doesn't work at all) Although these are anecdotal observations this testing will be extremely helpful in focusing the future formal FDA double-blind controlled studies

3. Strength to be used

Range of strength of use: (1) 0.5 – 4% (2) 0.5 – 10% (3) 2 – 20%

4. Number of Patients

- + Large – greater than 50 patients
- # Small – less than 50 patients
- ? No direct experience, but theoretically effective

5. Synergistically used with patented, rechargeable LED-Light Technologies (decreases pain by 50% ; speeds healing by 200%): wearables for the skin, devices for inside the mouth, nose, ears, vagina, rectum (MBET compounds incorporated into a one use, condom-like wrapping to be placed around the LED-device): &

SKIN – lotion, almond oil, serum, with sunscreen for sun related damage, healing ointment (like polysporin/Neosporin), emulsion based creams, suspensions, impregnated substances like PMMA, for individual lesions: look at preparations, combined with LED-Healing Devices (wearable bandages).

Thin wrinkly skin * >55yo 10 <55yo 8 (2) + &

Easily bruised and torn skin * >55yo 10 <55yo 8 (2) + &

Crepe skin * 10 (2) + &

Stretch marks * 10 (2) + &

Weight gain/loss

Steroid use

Pregnancy

Teenagers

Body builders

Acne scars * 10 (2) + &

Boil scars * 10 (2) # &

All depressed scars * 6 (*Older scars are less responsive*) (2) # &

Wheelchair preventative care * 9 (1) ? &

Preventive bed sores * 9 (1) # &

Diabetic skin care * 9 (1) # &

Actinic Keratosis ** 10 (2) + *95% reduction – also dissolves underlying basophilic degeneration*

Early cancer ** 6

Basal cell carcinoma (3) #

Squamous cell carcinoma (3) #

Sun damage ** 10 (2) + &

Rosacea * 5 (2) + (*older patients take longer 4 – 8 months*)

Melasma/Cholasma/Postinflammatory hyperpigmentation* 6 (2) # *when added to traditional treatment*

Eyelid thinness/redundancy * 8 (1) + &

Recalcitrant ulcers *

Bed sores 10 (3) # & (*especially for pain relief and speed of healing*)

Second and third degree burns 10 (2) # & (*especially for pain relief and speed of healing*)

Diabetic ulcers 10 (3) # & (*especially for pain relief and speed of healing*)

Foot

Other body parts

Pressure ulcers (heels, feet, elbows, etc.) 10 (2) #

Wounds on legs and feet 10 (3) + & (*especially for pain relief and speed of healing*)

Stasis ulcers

Generalized body erosions/ulcers * (2) ? & (*especially for pain relief and speed of healing*)

Pemphigus

Pemphigoid

Steven Johnson Syndrome

E. Multiforme

Herpes Simplex

Epidermolysis bullosa – devastating pediatric disease in which the skin continues to peel off

MOUTH – tooth paste base for massaging, orabase for localized treatment, mouth wash or impregnated chewing gum for more widespread oral use, gel coated adhesive strip (like teeth whitening tape) impregnated mouth guards/dental molds; may combine with topical anesthetic; combined with LED-Healing Devices

Gums

Teething (in babies) * (1) ? & (*especially for pain relief and speed of healing*)

Receding * 8 (*when gums recede, not bone*) (2) # &

Mouth erosion * 9 (2) # &

Dentures

Incorporate in holding material * (1) ? &

Sores * (2) ? &
Smokeless tobacco ** 9 (2) # &
Nicotine stomatitis ** 9 (2) # &
Frictional hyperkeratosis * (2) ? &
Thermal mouth burn * 10 (2) # &
Irritation from braces * (2) ? &
Apthous ulcers * (2) ? &
Leukoplakia/dysplasia ** – throat/mouth 10 (3) #
Generalized mouth erosions/ulcers * (2) ? & *(especially for pain relief and speed of healing)*
Pemphigus
Pemphigoid
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NOSE/EARS – healing ointment, nasal spray, combined with LED-Healing Devices

Chronic otitis externa * # 7 (1) & *(especially for pain relief and speed of healing)*
AK's ** # 10 (3)
Early CA ** # 10 (3)
Rhinitis – for raw, irritated mucosa * # 7 (1) & *(especially for pain relief and speed of healing)*
MRSA * #5& (repairing mucosa which creates environment to grow Staph) (1)
Nose bleeds * #5 (1) &
Leukoplakia – healing from damage from nose sprays, toxic compounds (cocaine) ** #8 (1)

LIPS – lip chap, almond oil, healing ointment

AK's ** 10 (3) +
Early CA ** 7 (3) +
Sun damage ** 10 (2) +
Wrinkles * 4 *(muscle wrinkles)* (2) +
Cold Sores * (1) ?

LABIA/VAGINA/CERVEX/(BLADDER)/Rectum– lotion, serum, almond oil, healing ointment, vaginal foam, vaginal applicator units, vaginal suppositories, bladder solution, combined with LED-Healing Devices

Hemorrhoids * 10 (2) # & *(especially for pain relief and speed of healing)*
Menstrual Periods * 10 (2) ? & *(especially for pain relief and speed of healing)*
Vaginal rejuvenation * 10 (2) # &
Apthous ulcers * (2) ? &
Pressure sores * (2) ? &
Leukoplakia ** (3) ?
Dysplasia ** (3) ?

Cancer in situ ** (3) ?

NAILS – rub along the nail fold (growing part of nail) – lotion, almond oil, duration of treatment must be at least six months combined with LED-Healing Devices (wearable bandages)

Ridges * 8 (3) # & Caused by aging fibrocytes of nail matrix

Brittleness * 8 (3) # & Caused by aging fibrocytes of nail matrix

Onychomycosis * 7 (3) # &

SCALP/HAIR – lotion, serum, olive oil, combined with LED-Healing Devices (wearable)

Androgenetic alopecia * (3) ? &

Alopecia areata * (3) ? &

Telogen effluvium * (3) ? &

PROCEDURES – pre procedure application (lotion or almond oil), procedure application (serum), post procedure application (almond oil or healing ointment)

Fraxil * 10 (2) # & *(especially for pain relief and speed of healing)*

Dermabrasion * 10 (2) # & *(especially for pain relief and speed of healing)*

Needling * 10 (2) # & *(especially for pain relief and speed of healing)*

Laser * (2) ? & *(especially for pain relief and speed of healing)*

Platelet Rich Plasma – all surgery * (2) ? & *(especially for pain relief and speed of healing)*

I.e. face lifts

All wounds – with or without sutures

Traumatic* 10 (2) + &

Surgical* 10 (2) + &

HEALING PREPARATIONS

Adhesive Gauze – impregnated with Jatropha/NME (clean wound/dry/apply tape that lasts 2 weeks) * (2)

Traumatic* 10 (2) + &

Surgical* 10 (2) + & with or without sutures

Ointment – NME/ +Jatropha combo * 10 (2) + & *(tested using patients treated with Liq N)*

Traumatic* 10 (2) + &

Surgical* 10 (2) + & with or without sutures

Absorbable sutures – impregnated with NME* (2) ?

Gauze impregnated – for larger wounds including avulsions and ulcers * 10 (3) + &
(especially for pain relief and speed of healing)

Oral gauze to stop bleeding/improve healing* (2) ? *(especially for pain relief and speed of healing)*

Nasal gauze to stop bleeding/improve healing* (2) ? & *(especially for pain relief and speed of healing)*

Dental floss coated* (2) ?

D.O.D. - military wounds – combine antimicrobial/anesthetic/coagulative of Jatropha, healing of NME (3) ? & *(especially for pain relief and speed of healing)*

Desert}

Jungle} antimicrobial specific to environment

Plains}

Healing masks * (2) ?

Band aids for (concentrating the effect of NME)

Cancer ** 8 (3) #

Pre cancers ** 10 (3) #

Avulsions and other large wounds * 10 (3) #

MEDICAL SKIN CARE

Ostomy skin * (2) ? & (Impregnated adhesive gauze to hold in place)

Amputee skin * 10 (2) # &

Other cutaneous internal lines (impregnated tape to hold in place)

Enteral Feeding Tube Care (Pic lines, feeding tubes * (2) ? &

Peripherally inserted central catheter (PICC or PIC line) care * (2) ? &

Intratracheal Care * (2) ? &

Drainage Tubes – coated with Jatropha/NME * (2) ? &

Radiation exposure (accidental or therapeutic – breast cancer, lymphoma, etc.) * ** 10 (2) #
 & *(especially for pain relief and speed of healing)*

Pretreatment prior to treatment radiation * 10 (2) # &

Atrophy from steroid use * 9 (2) # &

All atrophy * 9 (2) # &

Warts ** (3) ?

NEUTRICEUTICAL – encapsulated (3 different formulas 1) stimulating immune system to kill pre cancers/cancers/environment which causes cancer, 2) stimulating stem cells to transform into functional cells (rejuvenation), 3) combination of both independently eatable and tested in combination for three years

Internal rejuvenation * ?

Internal pre-cancer /cancer * ?

Radiation exposure (like: Chernobyl, Three Mile Island, and Fukushima) * ** ?