MESODERMAL offers the traditional compounds to achieve a successful Facial Rejuvenation, Body Contouring, Weight Loss and Hair Rejuvenation without side effects for the technique of MESOTHERAPY, LIPOThERAPY & LIpOTROPIC injections and it is also compatible for the technique of SKIN NEEDLING and ELECTROPORATION (Mesotherapy No Needles).

MESOTHERAPY is a non-invasive technique that has become very popular for Body Contouring, Weight Loss, Facial Rejuvenation and Hair Rejuvenation. MESOTHERAPY is a medical technique of injections with a specific Mesotherapy needles of amino acids and vitamins combined with traditional medications directly into zones of concern, it penetrate the stratum corneum and hypodermis . Point by Point injections technique is the one use for Body Contouring and LIPOThERAPY. Nappage injections technique is the one use for skin rejuvenation that is use for Mesolift, Hair Treatment & Cellulite.

SKIN NEEDLING is a technique of multiple needles that create skin punctures to stimulates new collagen and elastin production.

ELECTROPORATION or MESOTHERAPY No Needles is highly efficient for introduction of molecules, Mesotherapy No Needles the deep heating of RF effects the electronics of tissue with the biological response of polarization electronic mobility by way of human tissues, resulting the electronics are formed as the molecules twist and crush against each other so that bio energy is produced, thereby bringing skin to warm in deep to stimulate the collagen.

The MESOTHERAPY and LIPOLYSIS by DR. J LE COZ M.D. PARIS, FRANCE
MESOCONTOUR offers the traditional compounds of MESOTHERAPY and ELECTROPORATION to achieve a successful body and facial contouring without side effects.

The compounds that are used in MESOCONTOUR increase body metabolism for lipolysis effects and improve lymphatic drainage if injected Hypodermally, it also creates Thermogenesis to give the best results for the last layers of fats. Since MESOCONTOUR is a non-invasive treatment (no swelling) it is the best associate treatment during Weight loss and Body Contouring (mostly lower parts of the body) where fats accumulate during dieting.

MESOCONTOUR is a mixture of L-Carnitine, Artichoke, Aminophylline or Caffeine, Yohimbine and Pantothenic acid.

If use for MESOTHERAPY technique, every 5ml of Mesocontour is a concentrated dosage that must be diluted with 5ml of Bacteriostatic Sodium Chloride 0.9%, a 10ml vials is for 2 syringes or 2 treatments.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

Reference:
LIPOTRIM offers the right compounds to achieve the most effective results of LIPOTHERAPY. The compounds that are used in LIPOTRIM increase the metabolism of fat in the area of injection which can aid in reduction of fat deposits. LIPOTHERAPY is a medical technique involving injections of specific compound for melting lipodystrophic zones where diet and exercise is no longer a solution. LIPOTHERAPY is a non-invasive technique that has become very popular for non-surgical body sculpturing.

LIPOTRIM is a mixture of PPC - PhosphatidilCholine, Deoxycholic acid, L-Carnitine, Artichoke, Aminophylline and Pantothenic acid.

Since LIPOTRIM is an invasive treatment (with swelling and itching) it is the best to postpone diet and exercise during these treatments.

Every 10ml vial of LIPOTRIM is a concentrated dosage is for 1 syringe or 1 treatment. All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

To obtain optimal results adding Collagenase is advised.

References:
- Mesotherapy and phosphatidylcholine injections: historical clarification and review. Kolodney MS. [PMC](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3486781/Lipodissolve for Body Sculpting)
CELLUFADe offers the most updated compounds to achieve the most effective for lipodystrophy treatment by using MESOTHERAPY, SKIN NEEDLING and ELECTROPORATION.

The compounds that are used in CELLUFADe improve blood flow to the area, eliminate fibrotic hardened connective tissue, improve lymphatic drainage, which improve skin smoothing. It has also a Thermogenesis effects if inject into dermis.

CELLUFADe is a mixture of Tretinoin acid, Glycolic acid, L-Carnitine, Caffeine, Rutin, Pentoxifylline, Ascorbic

For any technique, every 5ml of CELLUFADe is a concentrated dosage that must be diluted with 5ml of Bacteriostatic Sodium Chloride 0.9%, a 10ml vials is for 2 syringes or treatments. All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

For gynoid lipodystrophy type II or cellulite edematous type II adding Hyaluronidex is a must for an optimal results.

Reference:
Mesotherapy – The french connection - http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3142757/
HYALURONIDEX contains Hyaluronidase is made of mucopolysaccharides which are normally depolymerized by the corresponding enzymes mucopolysaccharidase, a fundamental enzyme substance of the connective tissue which liberate water and fat, it breakdown the connective tissue bands that create the dimpled appearance in cellulite edematous type II and gynoid lipodystrophy type II.

Because of the liquefaction of the connective tissue, It reduced the thickness of skin and the hypodermis as Hyaluronidase allows the fat dissolved by fat melting agent (PDC) to be evacuated from the adipocyte to the blood and lymphatic vessels.

It is used in Mesotherapy, Electroporation and Skin needling to breakdown the connective tissue bands that create the dimpled appearance in cellulite edematous type II and gynoid lipodystrophy type II, It increases tissue permeability which liberate water and fat .

Since Hyaluronidase is an enzyme that digests hyaluronic acid fibers it is also used to breaking down hyaluronic acid fillers commonly used in facial correction.

**HYALURONIDEX** is a kit of Lyophilize Hyaluronidase and 10ml liquid Solvent.

**HYALURONIDEX** is a complimentary for Mesocontour and Cellufade.

Hyaluronidase is heat sensitive since it’s lyophilize no need to refrigerator before the first draw or no cold pack is needed for shipment. It comes with the solvent to dilute instead of regular saline water, the solvent will preserve the efficacy of Hyaluronidase, store in room temperature until expiration date. Shelf life is specified to each vial.

Reference:


Mesotherapy – The french connection - http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3142757/

**Reference:**


Reversing facial fillers: interactions between hyaluronidase and commercially available hyaluronic-acid based fillers. Rao V Chi S Woodward J
COLLAGENEX contains Collagenase (clostriodiopeptidase) the enzymes that break down the fibers of collagen into small peptides. Collagenase holds tissues together, assist in fats digestion and splits the fats which is then used to nourish the skin cells.

Collagenase is use for Lipotherapy as COLLAGENEX liquifies the connective tissues and allows localized fat accumulations to evacuate. It assists in fats digestion and splits the fats which is then used to nourish the skin cells.

Collagenase is also use to correct COLLAGEN fillers.

COLLAGENEX is a kit of Lyophilize Collagenase and 10ml liquid Solvent.

COLLAGENEX is a complimentary for Mesocontour and LIPOTRIM.

Collagenase is heat sensitive since it’s lyophilize no need to refrigerate before the first draw or no cold pack is needed for shipment. It comes with the solvent to dilute instead of regular saline water, the solvent will preserve the efficacy of Hyaluronidase, store in room temperature until expiration date noted to the vials. Shelf life is specified to each vial.

Reference:
Mesotherapy – The french connection - http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3142757/
METASLIM PLUS is also called M.I.C (LIPOTROPICS) Intramuscular SHOTS it increase METABOLISM and stimulating weight loss. It is the best conjunction with low calorie diet and exercise.

METASLIM PLUS a combination mixtures of amino acids and vitamins design for the Lipotropics injections that play an important role in the body’s control of fat, promotes or encourages the export of fat from the liver. Lipotropics shots are necessary for the maintenance of a healthy liver and burning the exported fat for additional energy.

Without lipotropics, fats and bile can become trapped in the liver, causing severe problems, METASLIM PLUS compounds help catalyse the break down of fat during metabolism in the body, it help maintain a healthy liver it prevent the accumulation of fats in the liver. The liver plays a major role in human metabolism and has a number of important functions, including glycogen storage, plasma protein synthesis and detoxification. The liver also produces bile, a compound which aids in digestion and the breakdown of lipids (fats).

METASLIM PLUS is a mixture of Methionine, Inositol, Choline Vit. B12 and AMP as Adenosine Monophosphate.

All vials are sterile, multiple use and pH adjusted for IM injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date.
MESOPECIA PLUS offers the most updated compounds to achieve the most effective for prevention and treatment of Androgenic alopecia and hair growth stimulant, by using MESOTHERAPY, SKIN NEEDLING and ELECTROPORATION .

The compounds that are used in MESOPECIA PLUS is a hair growth stimulant and recommended product to counteract the problem of Hair Loss by reducing the production of dihydrotestosterone by inhibiting the enzyme 5 alpha-reductase.

MESOPECIA Plus is a mixture of Finasteride, Biotin, Pantothenic acid, Acetyl-cystein, Manganese Gluconate, Zinc and Pyridoxine .

If use for MESOTHERAPY technique, every 3 ml of Mesopecia is a concentrated dosage that must be diluted with Silica & Procaine 2%, a 10ml vials is for 3 syringes or 3 treatments .

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date . Shelf life is specified to each vial.

During or in-between Mesotherapy treatment, MESOPECIA TOPICAL spray can be advised for best and accelerating results .

MESOPECIA TOPICAL spray is a “No NEEDLE INJECTIONS” version of our Mesopecia Plus with NANOTECHNOLOGY FOR A MESOTHERAPY PENETRATION .

BIBLIOGRAPHY: Mesotherapy in Male Pattern Hair Loss: Departments of Dermatology and Venereology Vol. 20, No. 1, February 2009 – Marwa Abdallah et al., Faculty of Medicine, Ain Shams University and Tahreer General Hospital**, Cairo, Egypt refer website: http://panarabderm.org/en/components/com_medi/upload/PALD_vol20_1_137-145.pdf
ANDROPECIA offers the right compounds for prevention and treatment of Alopecia via MESOTHERAPY, SKIN NEEDLING and ELECTROPORATION.

The compounds that are used in ANDROPECIA are all NaTuRaL hair growth stimulants and recommended products to counteract the problem of Hair Loss by reducing the production of dihydrotestosterone by inhibiting the enzyme 5 alpha-

ANDROPECIA contains all NaTuRaL ingredients there are no hormonal side effects.

ANDROPECIA is a mixture of Zinc, Azelaic acid, Pantothenic acid, Biotin, and Pyridoxine.

If use for MESOTHERAPY technique, every 3 ml of Andropecia is a concentrated dosage that must be diluted with Silica & Procaine 2%, a 10ml vials is for 3 syringes or 3 treatments.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

Reference:
MINOXIPECIA offers the most updated compounds to achieve the most effective as hair growth stimulant, by using MESOTHERAPY, SKIN NEEDLING and ELECTROPORATION.

MINOXIPECIA contains Minoxidil the famous hair loss compound to stimulate the growth of hair as well as vasodilates with a hyposensitive action.

MINOXIPECIA is a mixture of Minoxidil, D-Panthenol, Biotin, Pyridoxine and Zinc.

If use for MESOTHERAPY technique, every 3 ml of Minoxipecia is a concentrated dosage that must be diluted with Silica & Procaine 2%, a 10ml vials is for 3 syringes or 3 treatments. All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

BIBLIOGRAPHY:
La Chute de Cheveux et l’Alopécie traitées par la Mésothérapie (Mésopécie) (Documentation/Médecine Esthétique) ...
harmacothérapeutique (C.B.I.P. asbl) c/o Heymans Institut, De Pintelaan 185, 9000 TYPE BOOK of 3ème congrès national de la Société Française de Mesotherapie.
**MESOLIGHTEN T** offers the right compounds to achieve the most effective results of **SKIN LIGHTENING** via **MESOTHERAPY**, **SKIN NEEDLING** and **ELECTROPORATION** to treat disorders of **hyperpigmentation**.

The compounds that are used in **MESOLIGHTEN T** act as reducing agents on melanin intermediates, it includes Tranexamic acid the innovation for treatment of hyperpigmentation.

**MESOLIGHTEN T** is a mixture of Kojic acid, Tranexamic acid, Azelaic acid and Ascorbic acid.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

Reference:
Localized Intradermal Microinjection of Tranexamic Acid for Treatment of Melasma in Asian Patients: by JI HO LEE, MD, JONG GAP PARK, MD, SOOK HEE LIM, MD, JO YONG KIM, MD, KUN YOUNG AHN, YOUNG MIN PARK, MD of Gowoonsesang Dermatology Clinic and Department of Dermatology, College of Medicine, The Catholic University of Korea, Seoul, Korea.
MESOFIRMLIFT offers the most potent compounds to increase firmness of aging skin through MESOTHERAPY, SKIN NEEDLING and ELECTROPORATION.

MESOFIRMLIFT is a mixture designed for body and facial for LIFTING and FIRMING, it also stimulates new collagen production.

The compounds that are used in MESOFIRMLIFT is efficacious in mitigating fine wrinkles, improving skin fullness and the overall appearance of aging skin, it also use to improve appearances of STRETCH MARK (Striae).

MESOFIRMLIFT is a mixture of DMAE Dimethylethanolamine DMAE and L-Ascorbic acid.

It can be combined with any RADIO FREQUENCY procedures, injection FILLERS and Deep Chemical Peeling. For Stretch Mark improvement, dilute with Silica and combine with Meso "A" Body Peel is recommended.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

BIBLIOGRAPHY:
THE WRINKLE CURE: DMAE- AN INSTANT AGING FACE LIFT, CHAPTER 7- Nicholas Perricone M.D.,
MesoViTaCompleX is a mixtures of vitamins designed for MESOTHERAPY treatment specialize in MesoGlow or MESOLIFT, it can also apply with SKIN NEEDLING and ELECTROPORATION technique.

MesoGlow or MESOLIFT is a prominent technique to achieve the dermis in treatment of skin aging and maintain skin surface moisturizing.

MesoViTaCompleX Fight Oxidation, it Stimulate Fibroblast and Keratinocytes by Accelerating Renewal Of Skin Layers and Brighten Skin By Eliminating Dead Cells.

To achieve best results of MesoGlow or MESOLIFT, it is recommended to begin with HYDRADERMAL 1%, it maintain skin surface moisturization by nourishing skin cells to slow aging a softening and decrease in wrinkles size.

HYDRADERMAL 1% is non crossed link hyaluronic acid made for MESOTHERAPY.

After MesoGlow or MESOLIFT skin appears more luminous appearance to tired devitalize skin inclement to pollution, tobacco and stress. It’s also improving quality and speed of healing after trauma, burns, surgery and laser treatment.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

BIBLIOGRAPHY:
Atlas of Mesotherapy in Skin Rejuvenation; Dr Antonella Tosti and Dr Maria De Padova (Instituto Clinica della Dermatologica, Bologna, Italy).
GLUTAXAMIC Offers the right compound to achieve the most effective results of Skin Lightening and hyperpigmentation Via Intravenous, MESOTHERAPY SKIN NEEDLING and ELECTROPORATION

It’s includes Tranexamic acid the innovation for treatment of skin hyperpigmentation.

GLUTAXAMIC is a mixtures of Glutathione, Vitamin C and Tranexamic Acid.

All vials are sterile, multiple use and pH adjusted to the technique of injections, store in room temperature while flip off lid is on and refrigerate (Lower bin) after the first draw until expiration date. Shelf life is specified to each vial.

Reference:
Localized Intradermal Microinjection of Tranexamic Acid for Treatment of Melasma in Asian Patients: by JI HO LEE, MD, JONG GAP PARK, MD, SOOK HEE LIM, MD, JO YONG KIM, MD, KUN YOUNG AHN,

References:
The Role of Glutathione in Cell Defense, with References to Clinical Deficiencies and Treatment by Dr. Thomas KWYER M.D. http://www.fda.gov/ohrms/dockets/ac/00/slides/3652s1_05/tsld018.htm
GLUTATONE-600 mainly used in Asian countries and it’s proven than it can bring skin whitening and add skin glow via INTRAVENOUS.

Glutathione is a tripeptide derived from glutamic acid, cysteine, and glycine. The “master antioxidant” protects cells from toxins such as free radicals, a compound involved as a coenzyme in oxidation reduction.

Reference:
The Role of Glutathione in Cell Defense, with References to Clinical Deficiencies and Treatment by Dr. Thomas KWYER M.D.

GLUTATONE-600 is a lyophilize Glutathione - (L-gamma glutamyl-L-cysteinylglycine)
An antioxidant compound found in living animal and plant tissue. It takes up and gives off hydrogen and is important in cellular respiration.
A compound involved as a coenzyme in oxidation reduction reactions in cells.
It is the major endogenous antioxidant produced by the cell.

To achieve best results it is recommended to dilute it with VIT.C 1G or Vita-C

All vials are sterile, Single use and pH adjusted to the IV injections technique, store in room temperature while flip off lid is on, Shelf life is specified to each vial.

Reference:
The Role of Glutathione in Cell Defense, with References to Clinical Deficiencies and Treatment by Dr. Thomas KWYER M.D.

http://www.fda.gov/ohrms/dockets/ac/00/slides/3652s1_05/tsld018.htm
MESONUMB is a numbing gel that is used for any cosmetic procedures such as MESOTHERAPY, LASER HAIR REMOVAL, PRAXEL, RADIO FREQUENCY procedures, FEATHER LIFT, DERMA ROLLER, SKIN NEEDLING, WRINKLE FILLERS, SKIN CAUTERIZATION and DERMOPIGMENTATION.

The benefit is that it is packaged in a unique liposome form which allows the gel to be directly delivered through the skin. This allows the practitioner to manage a more accurate schedule, saving time and increasing productivity.

MESONUMB is a combination of three potent topical numbing agents.

MESONUMB is a Transdermal penetration. MESONUMB is heat or cold sensitive, store in room temperature. Shelf life is specified to each jar or tube.
MESOPECIA TOPICAL SPRAY is a topical treatment designed for prevention and treatment for Androgenic alopecia and hair growth stimulant.

It can be also combine with MESOPECIA PLUS INJECTIONS as home treatment during the treatment, in between treatment or alone.

INTRODUCING OUR ADVANCE NANOTECHNOLOGY, The “No NEEDLE INJECTIONS SPRAY” but Penetrate like MESOTHERAPY.

“THE MESOPECIA PLUS IN THE BOTTLE”

MESOPECIA TOPICAL SPRAY is a mixtures of Finesteride, D-Panthenol, Biotin, Pyridoxine, Cystein, Zinc, Manganese, Silicium and Nano technology

MESOPECIA is a Transdermal penetration, store in room temperature. Shelf life is specified to the bottle.

BIBLIOGRAPHY: Mesotherapy in Male Pattern Hair Loss: Departments of Dermatology and Venereology Vol. 20, No. 1, February 2009 – Marwa Abdallah et al., Faculty of Medicine, Ain Shams University and Tahreer General Hospital**, Cairo, Egypt refer website: http://panarabderm.org/en/components/com_medi/upload/PALD_vol20_1_137-145.pdf