



# MESOTRIM

## COMPOSITION per vial of 10ml

Artichoke, L-Carnitine, Phosphatidylcholine, Deoxycholic acid, Aminophylline, Pantothenic Acid.

## INDICATION

This mixture designed to increase the metabolism of fat in the area of injection, which can aid in reduction of fat deposits, mostly recommended for resistant fats ie: Bra buldge, Upper double belly, back, waist, saddle bags, ankle and inner knee.

## ACTION

**Phosphatidylcholine and Deoxycholic Acid** - lipotropic (fat emulsifier) that is derived from natural soy lecithin. In MesoTrim the PPC is combined with the deoxycholic acid (DOCA) group of Bile acid, the organic acid in bile, a crystalline acid found in bile or mostly as occurring as bile salt, it is necessary for the emulsification of fats, after they have been absorbed from the intestine, they are transported to the liver and reuse .It is purported to penetrate the adipocyte (fat cell) through the double lipid layer (cell wall) where it acts as a detergent (emulsifying and tensoactive agent). This means that fat affected by PPC turn into water soluble. The fat dissolves and is carried through the bloodstream and excreted by the kidneys and bowel.

**L-Carnitine** - An amino acids responsible for the transport of long chain fatty acids from the cytosol into the mitochondria, it helps drive the liberated fats into the muscle to be metabolized.

**Aminophylline** - A xantini basis the derivative of caffeine has a lipolytics activity, the inhibitor of phosphodiesterase and adenosine, as well as Adenosine 1 Receptor of the Membrane which sensitizes the adipocyte to the lipolytic action of catecholamines has diuretic and natriuretic effect.

**Artichoke** - Active principles of cynara scolymus acid substance with choleric effect, that is, the ability to increase biliary secretion.Cynara is both a hydrocholeric and hypocholesterolemiant and decreases lipoprotein beta/alpha quotient. It is also a diuretic and detoxicant, which leads to a greater urine expulsion.

**Pantothenic Acid**- A vitamin in the body for the metabolism and synthesis of fats and induce a faster skin healing.

## SIDE EFFECTS

Itching, swelling and bruising.

Allergy is mostly common when mix with collagenase or pure Lipotrim, in case of any symptom discontinue the treatment.

It is advisable to begin with 1 vial of MESO TRIM to test the sensitivity of the patients and increase gradually after the first session you may use up to 4 vials of MESO TRIM per session.

## CONTRAINDICATION

Pregnant and Lactating women, diabetic, pain intolerant...

## PROTOCOLS

Clean with the antiseptic the area to be treated.

Mark the area to be treated in a standing position: then mark off how many injections needs to be done per area.

## LOCATIONS MIX per area

BACK,BRA LINER , WAIST, THIGH,SADDLE BAGS AND COMPLETE BODY

Depth 8-13 mm + needle size 27G x 13mm + Space 2cm + 0.5 ml per puncture

Mixture: MESOTRIM 9 cc and LIDOCAINE 2% 1 cc

Technique: Point by point or step by step injection technique

Materials: Needle 30G x 13mm, Disposable 10cc Syringe, Disposable Gloves

Depth: 8 -13 mm Antiseptic

Dosage: 0.50 cc per puncture (Body) Space of injection - space every 2 centimeters

No. of Sessions per Area : 1 session per area every 2-3 weeks x 2-6 sessions. You may alternate every 10 days to a different areas

Maintenance: 1 session every 3 month