

COGGINS-GRAMS WHITE LINER INJECTOR

Peter Coggins, MD

Undoubtedly the most difficult surgical feat in lip augmentation is the development of the white line. Unfortunately, none of the heretofore available cannula would satisfactorily develop the white line without a confluence of individual fat deposits resulting in “lumps” or, a line that is far too wide to satisfactorily develop a beautiful transition from the lip to the vermilion border.

Grams Medical has engineered an extremely fine spring cannula system that allows for the operating aesthetic surgeon to lay down a white line with precision across the entire lip margin in one pass. This instrument has a bullet tip stylet that protrudes slightly out the end of the needle and adds rigidity which aids in the tunneling.

The technique requires ultimate attention to detail. The “best grade of fat” is needed, with the least amount of fibrous elements and is obtained with an aspirating needle in routine fashion. The new Grams 2.7mm Harvester is designed specifically for this. For ultimate results, fat should be centrifuged so that it is extremely dry, and devoid of blood and serum. A 1cc polycarbonate syringe is utilized for consistent, smooth delivery.

The technique essentially requires an 18-gauge needle stab incision in the left commissure of the mouth for right handed surgeons, threading the cannula and stylet immediately under the white line across the upper lip to the opposite commissure. The stylet is withdrawn and with the fat loaded syringe, air is expressed precisely until the first drop of fat is seen at the cannula tip. It is important not to overinject, otherwise a lump will develop. With steady pressure on the syringe plunger, the cannula is gently withdrawn, with your eyes fixated on the white line thus developing a precise elevation. The cannula insertion site should be lubricated with KY-Jelly to facilitate smooth withdrawal. It is extremely important that the injection should be performed in an absolutely even fashion, without skip areas or areas with over-injection otherwise an extremely poor and possibly even a disastrous result could occur.

Only one injection pass is required and it is important that subsequent injections, though rarely if ever needed, are specific.

There is a learning curve to this procedure, and it is very important to practice in a non lip area before the actual white line injection is attempted. With proper technique, an exact and aesthetically pleasing white line can be obtained. The white line injection should be developed prior to any extensive injection to the lip.

I have no direct or indirect financial interest in this instrument or with any other project associated with Grams Medical.

Specifications

- Blunt tip design with removable bullet tip stylet
- 19 ga. Diameter
- Standard length 7cm
- Order (LHWL)

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