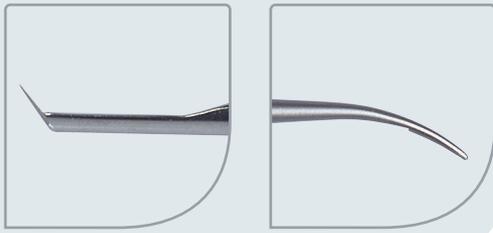


Hand-Held  
instruments

# #20010 LASIK Enhancement Cleaver



## My Technique

**Dr. Laurent Gauthier-Fournet**  
(Saint-Jean de Luz, France)



### LASIK retreatment: atraumatically loosening and lifting an existing LASIK flap

Indications for LASIK enhancement after a corneal refractive surgery are various (from several days to several years after surgery) and account for a significant part of our refractive activity. As easy as it could be, loosening, then lifting an “old” LASIK flap without tearing it can sometimes be a tricky step, especially when the flap was initially created with a femtosecond laser.

We present here a simple and easy method to lift LASIK flaps without inducing unexpected epithelial ingrowth. Epithelial ingrowth is a serious complication that may make surgeons reluctant to perform enhancements and opt for other approaches, such as “Intra-Flap LASIK” or surface ablation, but each also has its own drawbacks.

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## I) TECHNIQUE

We use a specifically designed spatula to loosen and lift an existing LASIK flap: the “**LASIK Enhancement Cleaver**” (Moria SA, Antony, France)(reference 20010).

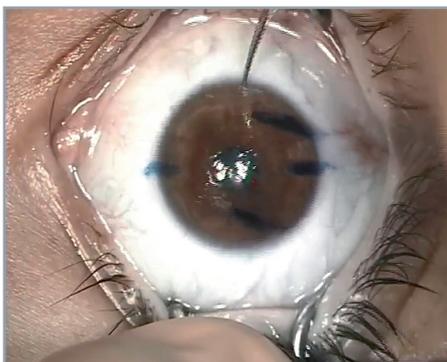
### **Material:**

The double-ended LASIK cleaver has:

- (1) one thin tip for entering underneath an existing cleavage plane
- (2) one tip with semi-sharp lateral edges to effectively cut tissue bridges.

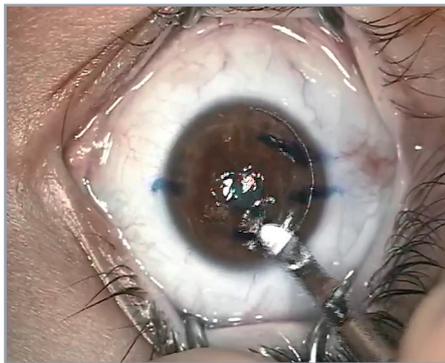
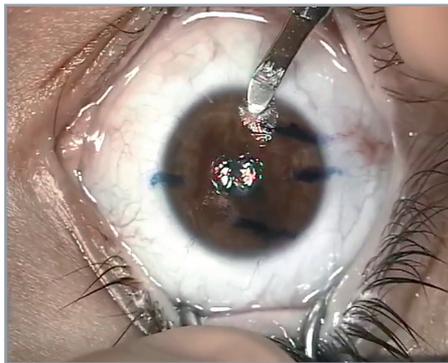


### Step 1: Cleaving, then re-opening the LASIK flap



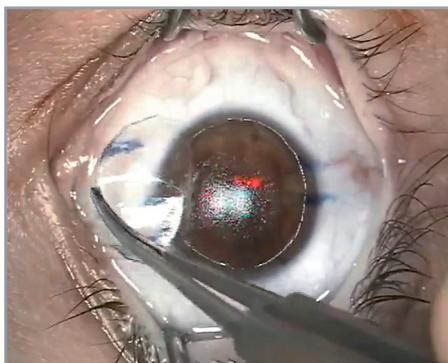
Thin tip (1) allows the surgeon to gently enter underneath the cleavage plane of an existing LASIK flap without damaging the surrounding tissue (stroma and epithelium).

## Step 2: Lateral dissection of the fibrous ring without incising the adjoining stroma



The other tip has semi-sharp lateral edges and a smooth/polished head that does not cut the adjoining stroma.

## Step 3: Atraumatically lifting the LASIK flap



Once the cleavage plane has been identified and the flap edges loosened, the LASIK flap can be lifted without risk of tearing any tissue.

## II) RESULTS

LASIK flap edges remain as sharp, precise, and regular as previously. Consecutive photoablation using the excimer laser can now start.

## III) CONCLUSION

**Lifting an existing LASIK flap for enhancement, feared in the past, has now become a simple, accurate technique thanks to the use of newest dedicated spatula from Moria.**

**I would recommend it as part of armamentarium of every refractive practice.**

### Key-words:

LASIK flap, enhancement, cleaver/spatula

*Dr. Gauthier-Fournet has no financial interest in the product mentioned nor is a paid consultant for Moria.*

To obtain more information



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