

# Non-inflammatory Lesions

Lumps, bumps & bulges after dermal filler



## Non-inflammatory Lesion

### Product

### Patient

### Procedure

#### Hydrophilic Product

Products vary in the amount of fluid they attract. Products better at creating volume tend to attract more moisture.

#### Poor Integration

Products which fail to integrate quickly are liable to move from the intended site over days or weeks and cause aesthetic upset.

#### Incorrect Product

The most common cause of non-inflammatory side effects may be the clinician using an inappropriate product which causes visible side effects. Usually a product too thick for the area treated or too superficial.

#### Fluid Retention

Some people are more prone to fluid retention and puffiness around the face which may be worsened by the addition of dermal filler.

#### Anatomical Cause

Anatomical variations between patients can be an underlying cause of non-inflammatory lumps or bulges - typically this is around ligaments in the cheek or jawline.

#### Excess Volume

Clinicians may inject too much product, either in over confidence or when trying too hard to achieve a result.

#### Superficial Placement

Filler which moves or is placed too superficially is a common cause of visible product.

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Thin skin and delicate aesthetically defining structures like lips, jawline, tear trough, cheek & nose are particularly sensitive to non-inflammatory lumps, bumps and fullnesses. Ligaments in the cheek, tear trough and jawline may highlight problems. Overly superficial injections may cause problems anywhere in the face.

Firmly compress areas of fullness and massage away from the area affected. Use a simple cream as a lubricant to aid

Massage  
By Clinician

To increase the chance of a minimal intervention good outcome consider asking the patient to massage at home for a limited time.

Regular Massage  
by the Patient

Time can allow natural improvement. Consider if the problem is mild or there is evidence of

Watch  
& Wait

Hyaluronic acid is water soluble, and lumps may be dispersed more easily if saline is injected here is no risk of allergy.

Inject  
Saline

Penetrate the lump with a green needle. Extrude filler by squeezing. This reduces allergy risk and allows for partial instead of complete removal.

Mechanical  
Extrusion

Follow the elective reversal protocol to dissolve all product in the area of concern. This may result in more complete removal of the product but includes risk or allergy.

Hyaluronidase

Consider  
Inflammatory  
Causes

Each stage in isolation may lead to resolution on it's own, or the next step should be considered. The goal is to achieve the best outcome for the patient with the minimum of risk. The sequence of steps may be covered in one appointment or over a period of weeks depending on the severity of the side effects, the judgment of the clinician, and the impact of the problem on the psychosocial well-being of the patient.

Resolved