Hyaluronic acid (HA) is commonly used for facial rejuvenation to reduce signs of aging.

Complications of HA filler treatment are rare, but do occur.

An algorithm-based approach to managing rejuvenation complications

Presenting practical recommendations for diagnosing and managing common HA complications

Treatment should be decided only after evaluating the type, duration, onset and progression profile of each complication.

Before

After

Infection
- Erysipelas & cellulitis
- Abscess
- Herpes lesions
- Biofilm

Vascular compromise
- Peripheral ischemia with tissue necrosis
- Retinal ischemia

Nodules
- Inflammatory
- Noninflammatory

Skin discoloration
- Hematoma
- Neovascularization
- Hyperpigmentation
- Skin brightening

Edema
- Postinterventional
- Malar
- Type I & IV allergy
- Acute infection/LIRS

These guidelines may help guide clinicians to recognize and treat potential complications

Complication Management following Rejuvenation Procedures with Hyaluronic Acid Fillers—an Algorithm-based Approach

Snozzi & van Loghem (2018) 10.1097/GOX.0000000000002061

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