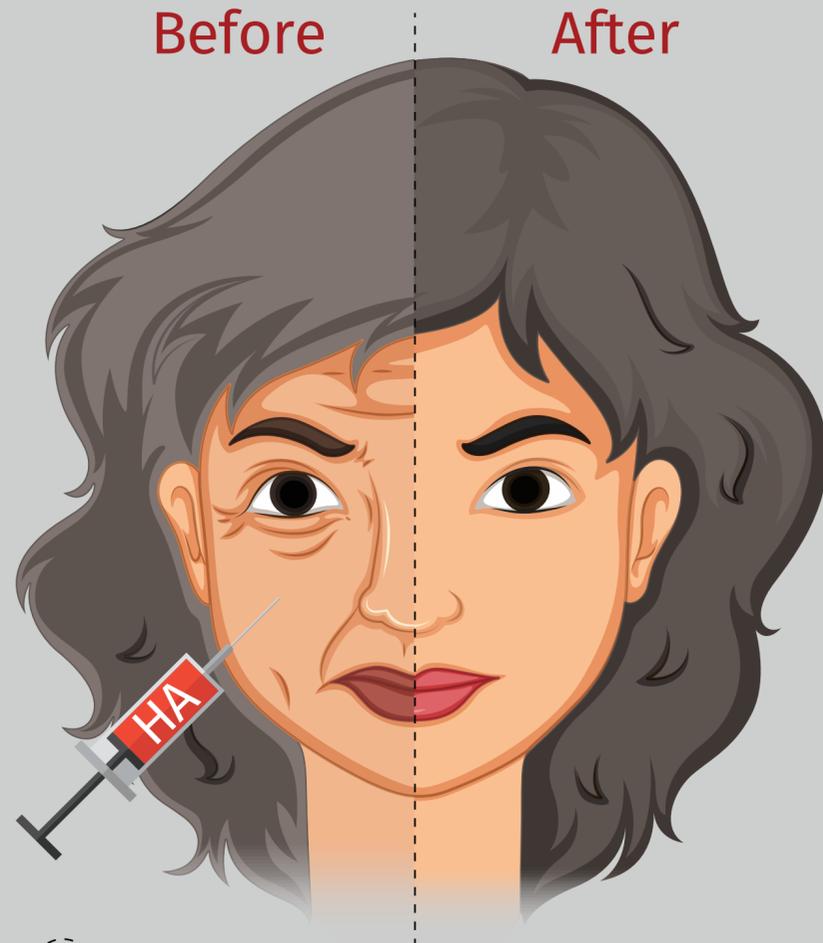


An algorithm-based approach to managing rejuvenation complications

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



Complications of HA filler treatment are rare, but do occur

Presenting practical recommendations for diagnosing and managing common HA complications

Infection

- Erysipelas & cellulitis
- Abscess
- Herpes lesions
- Biofilm

Skin discoloration

- Hematoma
- Neovascularization
- Hyperpigmentation
- Skin brightening

Vascular compromise

- Peripheral ischemia with tissue necrosis
- Retinal ischemia

Nodules

- Inflammatory
- Noninflammatory

Edema

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

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

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