

Mild

- Itching
- Sneezing
- Tingling Sensation
- warmth Sensation
- nasal congestion
- tearing from eyes

Moderate

Dyspnea
warmth

wheezing
flushing

Severe

- Abdominal cramping
- Severe dyspnea
- Seizures
- Diarrhea, & vomiting
- Dysphagia
- Severe bronchospasm.

Diagnostic evaluation

- History collection
- Physical exam
- ABG Analysis ($\uparrow$ SpO_2)

Management

- Administer epinephrine according to physician order.
- Administer antihistamines if ordered.
- Check the vital signs
- Assess the respiratory pattern
- Provide ventilator care if needed.
- Administer O_2 if ordered.
- Maintain the fluid vol. of the body.
- Assess the level of consciousness

Complications

- Respiratory arrest
- Cardiac arrest
- Shock
- Airway obstruction

Allergic Rhinitis

11/08/21 It is a condition giving rise to one or more symptoms of nasal obstruction, nasal secretion of mucus & sneezing due to an altered reaction to an antigen. It is a lesion of nasal mucosa to specific allergen.

Allergens

- Inhalants : dust, pollen
 Food : Egg, milk, fish, citrus food
 Drug : Aspirin, hypotensive drug
 Cosmetics : powder
 Irritants : Fumes & smoke
 Intestinal : Helminths.

Types

- Seasonal allergic rhinitis: It causes due to flowers, pollens & shrubs (small plant). It is usually occur in spring.
- Perennial allergic rhinitis: It is due to dust, milk, eggs, dust mites & mold spore animal dander.

Clinical Manifestations

Mucosa appears pale
 Nasal congestion
 Sneezing
 Thin watery nasal discharge
 Headache
 Cough
 Nasal polyps.

Diagnostic evaluation

History collection
 Physical exam
 CBC
 IgE RAST

ManagementMedical management

- Avoidance of allergens
- Antihistamines (bind to H_1 receptor on target cells & block of histamine binding & relieve the symptoms).
- Desensitisation (by vaccine)
- Corticosteroids nasal spray.
- Anticholinergic nasal spray.
- Nasal decongestants to relieve nasal stuffiness.
- Allergy shots (immunotherapy)
- Leukotriene inhibitors

Surgical management

- Correction of septal deviation &

- removal polyp to reduce symptoms.
- vician neurectomy.

CONTACT DERMATITIS

CD is a type of skin inflammatory disorder result from exposure to allergens.

etiology & risk factors

The cause are according to types of contact dermatitis.

Types

- Irritant contact dermatitis: This type of dermatitis commonly caused by flow humidity by air conditioning. The irritation caused by physical irritants includes solvents (alcohol, acetone, esters ketones etc).
- Allergic CD: is a hypersensitive reaction & is common occupational & environmental health problem.
- Photo CD: is another condition in & the distinction b/w forms of CD is not clear cut.

Clinical Manifestations	
localised rash	Irritation
Burning sensation	Redness & itching
Red rash.	

- classmate
Date _____
Page _____
- Management
 - Anti histamine
 - Avoidance of scratching
 - Apply a hydrocortisone cream
 - Corticosteroids
 - A barrier cream containing zinc oxide (e.g. Desitin) may help to protect the skin & to retain moisture.

ATOPIC DERMATITIS
Atopic der. or Eczema is a condition characterized by an inflammatory itchy, non-contagious & itchy.

- Etiology & risk factors
Exact cause unknown but some related factors are:
- Genetic factors
 - Environmental factors
 - Family history
 - weak immune system
 - Exposure to dust mite

- Clinical manifestations
- Bright erythema
 - Dry & scaly skin
 - Itching
 - Burning sensation
 - General dis comfort
 - oozing vesicles