

- Duration : 48 to 72 hrs
 clinical appearance : Eczema

Granuloma:

- Duration for rxn - 21-28 days
 clinical appearance - Hardening.

Tuberculin

- Duration for reaction - 48 to 72 hrs
 clinical appearance - local induration.

Diagnostic test

- History collection
- Physical exam
- patch test
- Vitro test

Treatment

Topical steroids & diphenhydramine.

ALLERGY (allergic disease)

Allergies are the condition occurs due to hypersensitivity of the immune system to environmental things.

List of allergies reactions

- Allergic asthma
- Hay fever
- Atopic dermatitis
- Food allergies

Common Allergies.
Dust pollens Perfumes
Medicines.

CAUSES

- Latex: The contact dermatitis is most common allergic disease occurs by latex allergy.
- Foods: egg, milk, wheat, fish, fruits, tree nuts.
- Genetics: genes plays a imp. role in causation of allergy about 70% identical twins have same allergic disease.
- Medications: Many individuals have serious allergic problems by many medications such as penicillin.
- Environmental factors:
 - Agriculture
 - Air pollution

Clinical manifestations

General features:

- Red eyes
- Runny nose
- Swelling
- itchy rash
- Shortness of breath

Specific features

- Gastrointestinal tract:
 - Vomiting
 - Diarrhea

• Bloating

• Abdominal pain

Skin:

• Urticaria (hives)

• Eczema

Eyes:

- itching in the conjunctiva
- Redness of conjunctiva
- watery discharge from eye

Nose:

- Sneezing
- Nasal discharge
- Swelling of mucosa

Airways:

Dyspnea wheezing
Sneezing coughing
Bronchoconstriction

Caus:

Impaired or disturbed hearing
Feeling of fullness
Otorrhea

Diagnosis

- History collection
- Physical exam.
- Blood testing
- Skin prick testing (puncture testing)
- Patch testing

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- ### Medical Management
- Antihistamines
 - Anti leukotriene agents
 - Anti-cholinergics, decongestants
 - Epinephrine
 - Glucocorticoid
 - Immunotherapy

10/08/21 Alternative therapy
 Enzyme potentiated desensitization (EPD)

Assessment And diagnostic evaluation

History collection :

- Previous allergy.
- Autoimmune disorders
- Inherited disorders in family.
- Immune disorder in family

Physical Exam - includes head to toe exam.

Skin Test

- Skin scratch test: This test is done ^{with} the help of lancet ^{blunt} ^{bottom}.
- Skin scrap test - This is done ^{with} the needle ^{blade} to remove superficial epidermis.
- Intradermal skin test: A small amount of allergen is injected below the dermis ^{with} a help of hypodermic syringe.
- Plick skin test - The skin is prick ^{with} a pin.

or needle containing the allergen

- Total serum immunoglobulin E level.
- RAST (radioallergen sorbent test): This is blood test to assess the specific IgE antibodies to diagnose allergic disorders.
- Blood test
- Complete blood count, DMC, LC.

Allergic disorders

ANAPHYLAXIS

It is a serious life threatening allergic rxn.

Etiology & risk factors:

Insect bites/stings

Drug allergies

Food allergies

Latex

Hot/cold

Hormonal changes.

Clinical Manifestations

General features

- Abdominal pain
- Difficulty in swallowing
- Nausea & vomiting
- Slurred speech
- Diarrhea
- Nasal congestion
- Palpitations & chest tightness.