**Dust Mites**

What are they called?

* **Dermatophagoides pteronyssinus**
* **Dermatophagoides** Farinae
* **Blomia tropicalis**

Where they Live?

* **Dust mites inhabit the pillows, bedcovers, mattresses, and blankets, Live in inner layers of furniture, carpets, bedding and stuffed toys. Highest levels are typically found in bed mattresses**
* **Most important component of dust mite causing allergic symptoms are Dust mite fecal particles and its dander**

What Symptoms they can cause?

* **They play a major role in AR, Asthma and May be some role in worsening Atopic Dermatitis**
* **Sneezing**
* **Cough**
* **Runny, stuffy, itchy nose**
* **Red, itchy, watery eyes**
* **Shortness of breath**
* **Wheeze**
* **Worsening Eczema**

Clinical Picture of House Dust mite allergy

* **Symptoms are mostly Indoor**
* **Symptoms are Perineal.**
* **Symptoms are mostly at night or early morning hours**
* **Symptoms mostly when comes in contact with bed, on the floor, or on upholstered furniture.**
* **Symptoms occur when Blankets or Mattress is disturbed**

**Storage Mites**

What are they called?

* **Blomia tropicalis (Dust mite and Storage Mite)**
* **Acarus siro**
* **Lepidoglyphus destructor**
* **Tyrophagus**

Where they Live?

* **Can be found living in and on poorly stored food and grains. They can be present in kitchen floor dust, cupboards, and pantries**

What Symptoms they can cause?

* **Sneezing**
* **Cough**
* **Runny, stuffy, itchy nose**
* **Red, itchy, watery eyes**
* **Shortness of breath**
* **Wheeze**

Clinical Picture of Storage mite allergy

* **Symptoms are mostly indoor and perineal**
* **How ever patients complain that they have symptoms only when they clean the house or come across the dust in the house**
* **Symptoms are mostly in the day time**
* **History of symptoms while cleaning the house, kitchen, cupboards, Farm Houses**
* **Symptoms usually occur within few minutes of exposure**

**Molds**

What are they called?

* **Indoor Molds –**

***Cladosporium*, *Penicillium*, and *Aspergillus***

* **Outdoor Molds**

***Alternaria, Cladosporium***

Where they Live?

* **A type of fungus that is found in the bathroom and kitchen and grows everywhere – indoors and outdoors.**

What Symptoms they can cause?

* **Sneezing**
* **Cough**
* **Runny, stuffy, itchy nose**
* **Red, itchy, watery eyes**
* **Shortness of breath**
* **Wheeze**
* **Chest Tightness and Breathing Difficulty**

Clinical Picture of Mold allergy

* **Symptoms are mostly perineal**
* **Symptoms are indoor may also be outdoor and more in the damp season**
* **Symptoms are more in the kitchen and bathroom**
* **Home of a mold-allergic patient contains visible mold or smells of mold, then remediation for this allergen is in order.**
* **Presence of wet walls, false sealing, behind wall papers**
* **If there are poor ventilation in the kitchen and bathroom**
* **Attacks when the weather is dry or windy or sometimes even when humid**
* **Indoor plants which are not kept for sunlight**

Dog Allergy

What are they called?

* Dog

Where they Live?

* Pet dogs can live inside the living room, bed room kitchen etc

What components cause allergy?

* **Allergic reaction to proteins found in an animal's skin cells, saliva or urine**

What Symptoms they can cause?

* **Sneezing, runny nose, blocked Nose, wheezing, difficulty breathing**

Clinical Picture of Mold allergy

* **Symptoms are Perennial**
* **Symptoms are indoor**
* **If the patient does not have pet then he may complain about having symptoms after coming across the pet in neighbor’s**
* **Symptoms worsens usually after exposure to the pet**
* **Symptoms are better on vacations or when pet is removed room house or kept strictly outdoor**
* **Symptoms are more when they spend time where pet usually moves around or walk around**
* **Symptoms due to cat allergen may be present for few months after removing the pet due to sticky nature of the allergen**

Cockroach Allergy

What are they called?

* American Cockroach
* German Cockroach

Where they Live?

* They live in the drainage system of almost every body’s house

What Symptoms they can cause?

* **Sneezing, runny nose**
* **Itchy, red, watery eyes**
* **Stuffy, itchy nose, throat, postnasal drip**
* **Cough**
* **Cockroach allergy patient has mostly** **asthma related symptoms**
* **Tightness of chest, wheeze**
* **Dyspnea**

Clinical Picture of Mold allergy

* **Cockroach allergy patient – History of cockroach presence in the house**
* **Symptoms are perineal with variable level of severity of symptoms**
* **Symptoms are more indoor**
* **Cockroach allergy patient generally has more severe asthma**
* **Cockroach allergy patient may have more symptoms while cleaning the house. Especially while dry mopping**