

IQRA National University, Peshawar



Department DPT

Section A

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Subject:

physiology

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Q. Explain any respiratory disease of your own choice. You have write sign and sympto Chest x ray and treatment as well.

Answer

Asthma; Asthma is one of the respiratory disease.

Asthma is a condition in which your airway narrow and swell and may produce extra mucus .This can take breathing difficult and trigger coughing, a whistling sound when you breathe out and shortness of breath.

Symptoms and signs

- Shortness of breath
- Chest pain
- Wheezing when exhaling, which is a common sign of asthma is children
- Coughing attack that as worsened by a respiratory virus such as cold.
- Trouble sleeping caused by shortness of breath, cough.
- Difficult taking
- Anxiousness
- Fatigue

Chest x ray

A chest x ray typically wonton show if a person has asthma, but can tell if something else could be causing symptoms similar to asthma. Asthma is often diagnosed based on a person history and physical exam.

Treatment

Long term asthma

Long term asthma control medication general take daily are the cornerstone of asthma treatment. These medication deep asthma control on a day to day.

Types of long term asthma medication

- Inhaled corticosteroids
- Leukotriene modifiers
- Combination
- Theophylline

Quick refer medication

These are used as need for rapid short term symptoms refer used before exercise if your doctor recommends it.

This type of medication

- Anticholinergic
- Oral and intravenous corticosteroid

Allergy medication my help if your asthma is trigged by allergies.

Q2. Take any disease of blood. Give blood test and their results. What will be the management of the disease treatment?

Answer **Anemia**

Anemia is one of the blood disease .It is means the deficiency in the blood.

Anemia occur when the number of red blood cell circulating in the body decrease. It is the most common blood disease.

Common symptoms of anemia

- Pale skin
- A fast or irregular heart beat
- Shortness of the breath
- Chest pain
- Head aches
- Light headedness

Test

The first test used to diagnose anemia is a complete blood cell CBC .The CBC measures many part your blood. The test check your hemoglobin and hematocrit.

This test used for this purpose

Anemia is the most common blood condition in the world. It can be caused by a number of conditions including iron or vitamin deficiency, chronic disease, such as cancer HIV , kidney disease ect. Symptoms of anemia can be similar to other condition which it difficult to properly

diagnose. Lab testing can help determine if a person is anemia as well as help their doctor differentiate between different types.

Treatment

Treatment of anemia depended on your type of anemia.

- If you have aplastic anemia you might need medication, blood transfusion.
- If you have hemolytic anemia, you might need medication that will hold back your immune system you might have to see a doctor in vascular problem.
- If it is caused by blood loss you might have surgery to find and fix the bleeding.
- Sickle cell anemia treatment include pain killer, folic acid supplements intermittent antibiotics.
- Thalassemia does not usually need treatment, but if your case is severer, you might have blood transfusion or surgery
- If you have vitamins B 12 deficiency you will be prescribed supplement