

SKIN disorders

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Leukemia

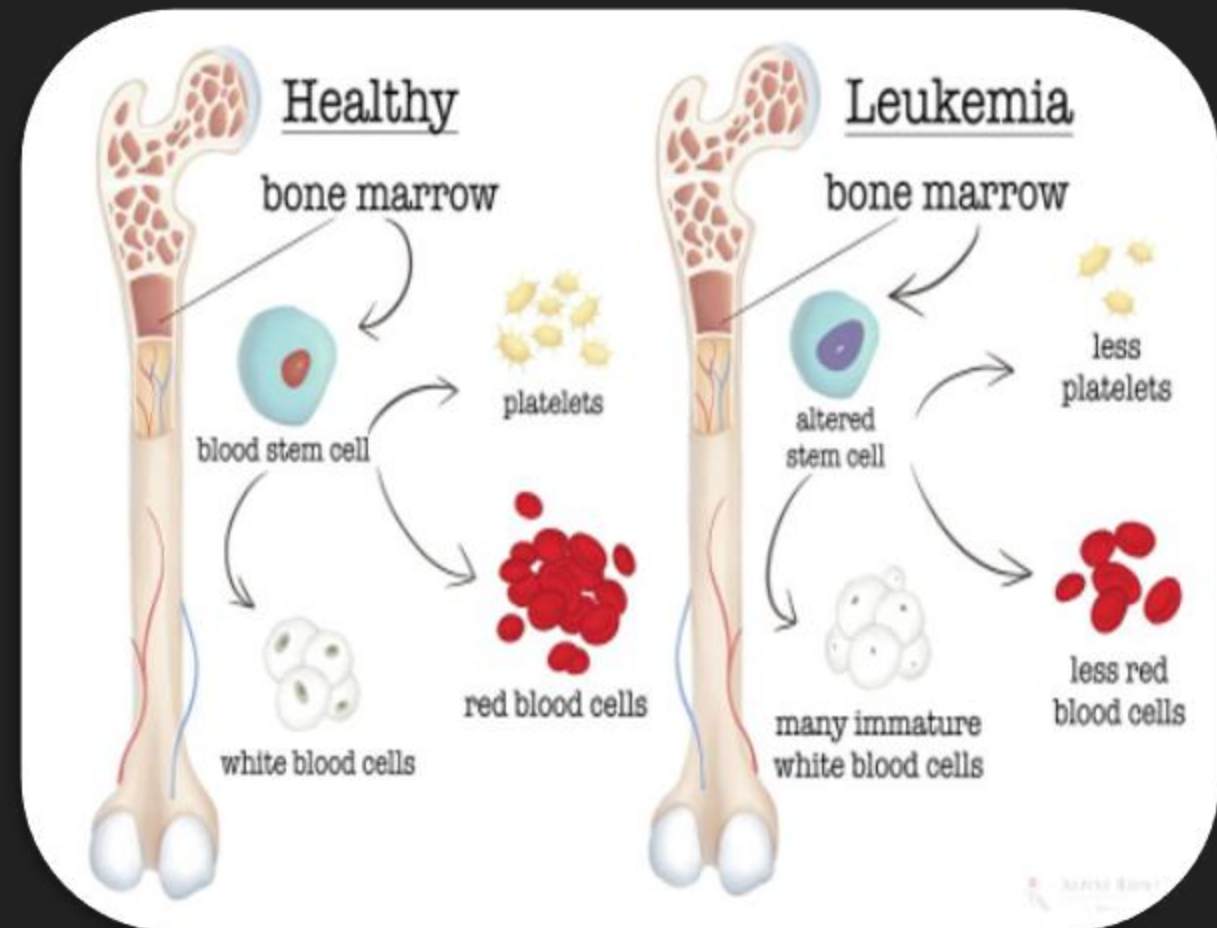
What Is Leukemia?

A disease that affects the bone marrow where

blood cells are made.

The body produces large numbers of abnormal

white blood cells.



Types

- Acute: develops quickly, needs immediate treatment
- Chronic: develops slowly
- Lymphoid or myeloid: depending on which cell is affected



Treatment options & common symptoms

- Treatment options

1. Chemotherapy
2. Targeted therapy
3. Immunotherapy
4. Bone marrow (stem cell) transplant in some cases

- Common symptoms

1. Severe fatigue
2. Weight loss
3. Frequent infections
4. Easy bruising or bleeding
5. Fever for no clear reason

ALBINISM

Introduction

A genetic condition you are born with the body makes little or no melanin the pigment that gives color to skin, hair, and eyes it affects both appearance and vision



What causes it?

- Changes (mutation) in genes responsible for making melanin
- Passed from parents to children through recessive inheritance

MANAGEMENT & PROTECTION

- Use sunscreen regularly
- Wear sunglasses and hats
- Protect skin from UV exposure
- Regular eye checkups
- Visual aids to help with low vision

Is there a cure?

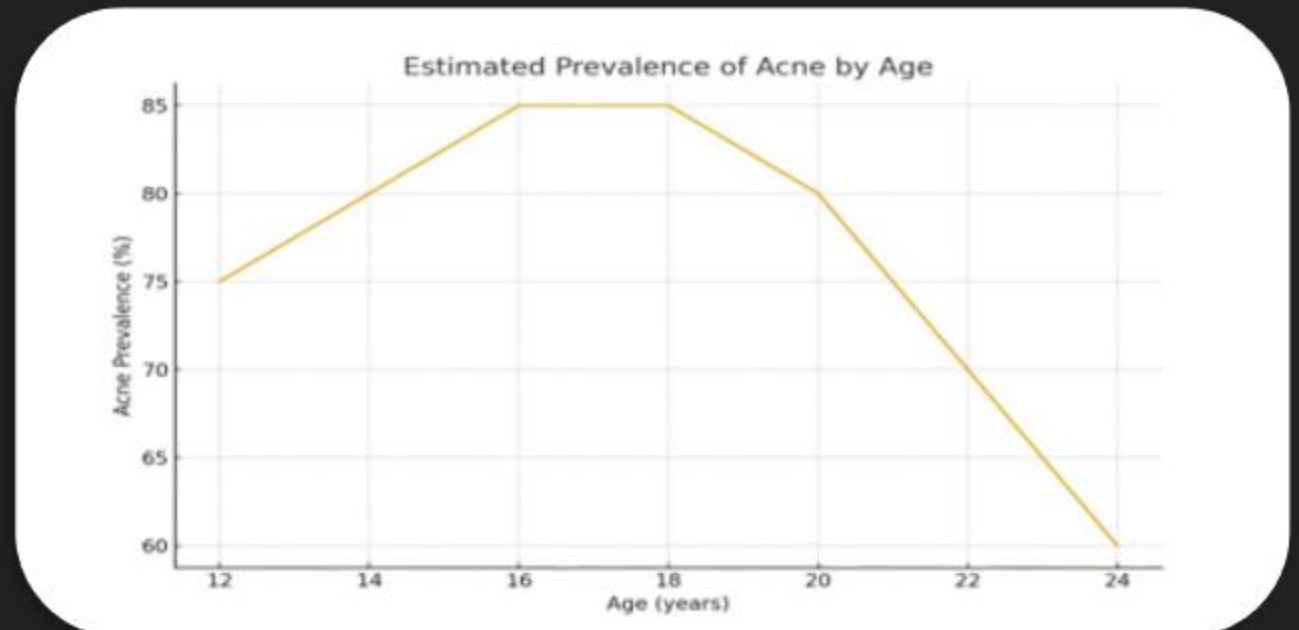
There is no cure for albinism but symptoms can be managed

Acne vulgaris

Introduction & Epidemiology

Acne is a common skin condition that happens when hair follicles become clogged with oil(sebum),dead skin cells,and sometimes bacteria

Acne accounts 0.3% from the total diseases and 15% of the dermatologic diseases burden and affects 85% of young people between 12 and 24 years of age



Types of acne

There are many types of acne depending on the classification method, but the most common ones are:

1. Comedonal acne
2. Fungal acne
3. Inflammatory acne
4. Irritated acne
5. Hormonal acne
6. Cystic acne

Standard Types Of Acne



COMEDONAL ACNE

Blackheads & whiteheads



FUNGAL ACNE

Yeast acne that presents with bumps, typically on the forehead, back, or shoulders, that are often itchy



INFLAMMATORY ACNE

Red bumps & puss bumps

DG IDENTIFIED TYPE

IRRITATED ACNE

Acne that has been irritated by overly harsh products or prescription medications



HORMONAL ACNE

Pimples on the jawline & chin in women that flare with periods



CYSTIC ACNE

Nodules & cysts that are often extremely painful

The treatment

There are two types to treat acne

Topical treatment

Like:

1_Cleansing : **gentle soap and water**

2_salicylic acid

3_Azelaic acid

4_retinol (vitamin A)

5_dapsone 5% gel: **this is a new option for treating acne**

The systemic treatment :

1_antibiotics

2_hormonal treatment

3_isotretinoin

Measles

Introduction

- A highly contagious viral disease that almost all children get In most cases, they get it only once
- Single stranded, Lipid enveloped RNA virus,
 - Incubation period 8-12 days



Symptoms & prevention

Symptoms

- High fever
- Runny nose
- Cough
- Red, watery eyes
- Rash 3-5 days after symptoms start

Prevention

- Wash your hands
- Cover coughs and sneezes
- Give the MMR* vaccine

*Note : MMR Vaccine given in 2 doses the first between 12-15 months and the second between 4-6years

Melanoma

Introduction

Is a serious skin cancer that begins in melanocytes , the pigment-making cells, and spread quickly if not found early

Symptoms

- A new mole or a change in a mole can be a sign of melanoma , we can use abcde role:

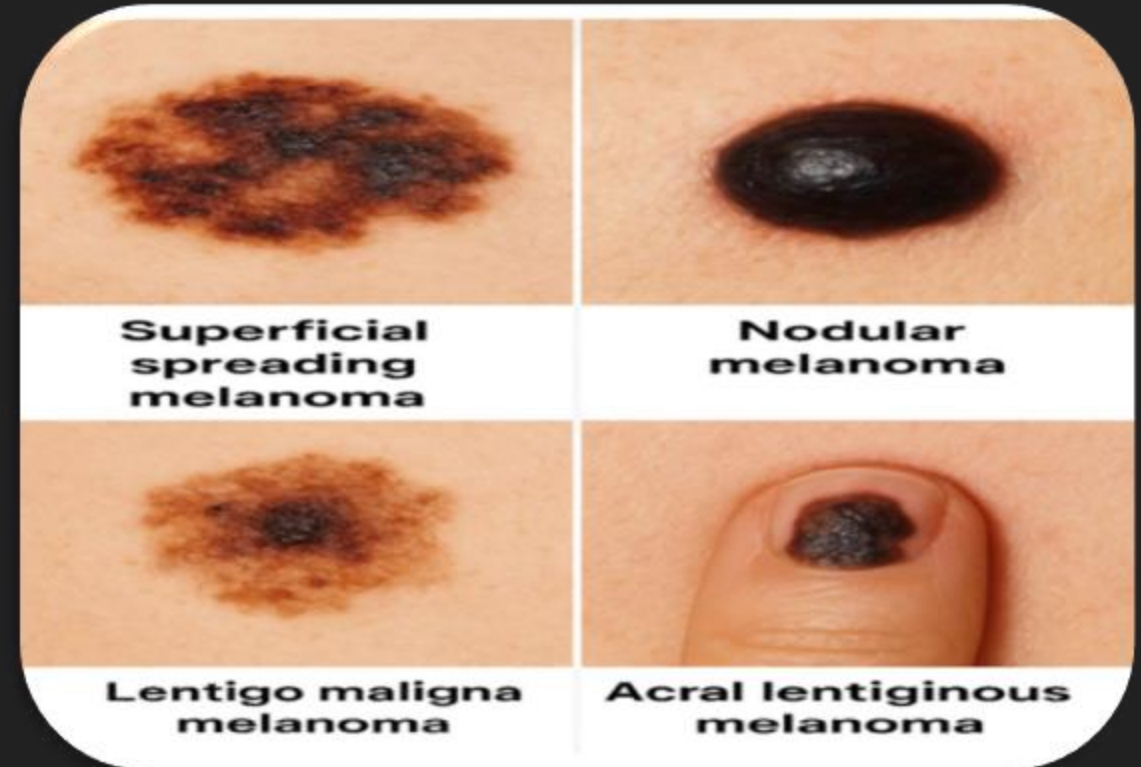
A –Asymmetry

B –Border

C –Color

D –Diameter

E- Evolving



Treatment

Surgery is the main treatment for melanoma
sometimes, radiation, medicine, or chemotherapy is also used to stop the cancer from spreading

LUPUS

Introduction

Lupus: it is an immune disease that causes inflammation and damage to the skin, joints, kidneys, heart and lung it is a non contagious disease

The type that affects
the skin is:

*Skin lupus (appears on
the skin ,especially
areas exposed to sun)*

Symptoms&treatment

The most prominent symptoms of which are:

A-a rash on the face in the form of a butterfly

B-fever

C-headache



Treatment

A-Sunscreens

B-anti-malarial drugs

C-immunosuppressive drugs in severe cases

WART

Introduction

It is a benign skin growth caused by a viral infection known as the human papillomavirus (HPV) which is an infectious skin disease.

Types

1-Common warts (coarse found on the hands)

2-Plantar warts (found in the soles of the foot)

3-Flat warts (soft and small on the face and body)

4-Filamentous warts (found around the mouth)

5-Genital warts



Treatment

1in complex cases

A-nitrogen freezing

B-surgical intervention

C-using the laser

D-Carbon peeling

2in simple cases

A-medical adhesives

B-cream containing salicylic acid

C-treatments to strengthen immunity



Thank you 