

# Lecture 3

## Fungal skin infections Mycoses :

Superficial

Deep

### **Superficial**

- Dermatophytes ringworm

(Dermatophytoses)

- Candidiasis  
( Moniliasis )
- Pityrosporum SPP .  
( Tinea versicolor )

### **Obejective of our lecture**

- the students should know all mentioned types of superficial skin infections.
- How does it present?
- How to differentiate it from other dermatological diseases.

## ■ How to diagnose them?

Its treatment.

### Dermatophytoses :

#### General criteria

- Keratophilic .
- Assume annular shape .
- Active border    less inflamed center
- Zoophilic    more

Geophilic    more    severe    than

Anthropophilic

### Clinical Types

On which base ?

- Origin
- Mode of invasion
- host reaction
- Site affected
- SPPs.
- **1.Tinae capitis :**

• **Modes of presentation :**

- Non inflammatory
- Grey patch      Eryth. Scaly
- How does it present ?
- Black dots
- Inflammatory
- Patch of H.Loss + swelling + purulent discharge
- Severe inf .      Kerion
- **Boggy mass**
- Rarely **Favus** .

**2. Tinea Barbae (T. Sycoses)**      Beard area

How does it present ?

**3- Tinea Faciei**      Face

**4- Tinea corporis**      Tinea circinata

Mode of presentation .

**6- Tinea pedis**      Foot

How to present ?

Membranous **commonest**

Erythematous scaly

Hyperkeratotic Fissured

Vesiculobullous .

**7- Tinea manus manum Hand**

**5- Tinea cruris**

How to present ?

D.Dx : Erythrasma intertrigo .

**8- Tinea unguium onychomycoses ( of Nails)**

How to present ?

Distal

Proximal

Superficial white

**9- Steroid modified Tinea (T. incognito)**



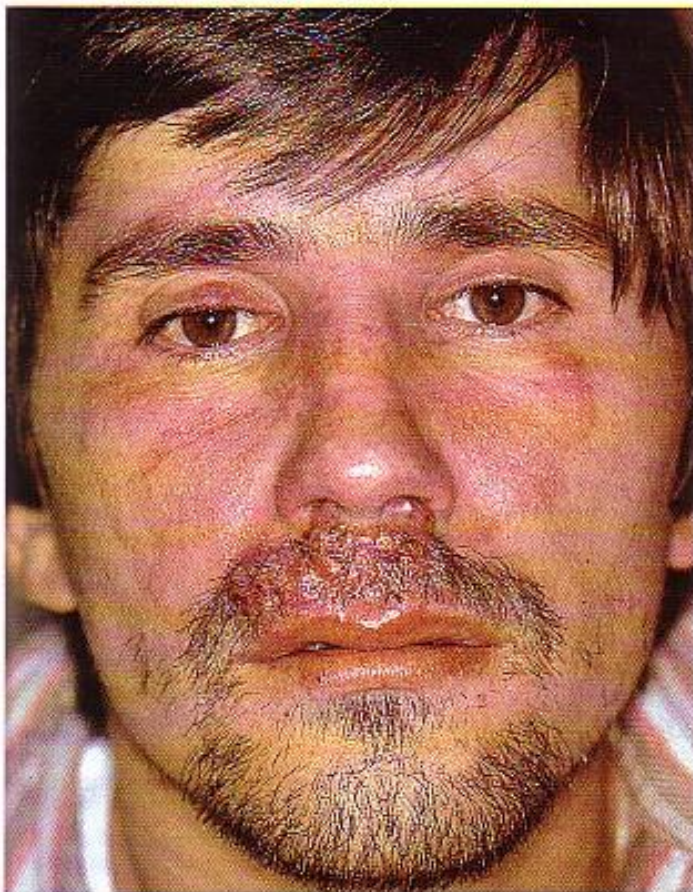
Tinea pedis(membranous type)



Gray patch



Tinea capitis(gray patch)



Tinea faciei



Kerion



tinea unguium (superficial white)

# lecture 4

**7. Tinea manus manum hand**

**8- Tinea unguium onychomycoses ( of Nails)**

How to present ?

Distal

Proximal

Superficial white

**9- Steroid modified Tinea (T. incognito)**







Tinea manum

### **id's reaction**

How to diagnose fungal infection

clinical features

wet KOH prep. Exam.

- How to collect sample ?
- How to examine ?
- What to see ?

Hyphae

- Sabouraud's media

- Wood's light .

## Treatment

➤ Topical

- **imidazole group**
- clotrimazole
- ketoconazole
- itraconazole
- Fluconazole

➤ Systemic RX

indication ?

what are the commonly  
used drugs ?

## ❖ Griseofulvin

Mode of action

**Dose :** Microsized

15-25 mg/Kg

ultramicrosized

10-15 mg /Kg

**0.5 – 1/gram/a day**

after fatty meal

**For how long ?**

**Side effects**

❖ **Imidazole group**

- ketoconazole      200- 400mg /a day
- Fluconazole      150mg /a week
- Itraconazole      100-400 mg/ a day

❖ **Terbinafine      Lamisil**

The only Fungicidal

250 mg/ a day      1-2 weeks

❖ **Candidiasis      criteria**

Napiken Dermatitis

❖ **Tinea versicolor: pityrosporum SPP.**

## Malassezia furfur

How to present ?

How to diagnose ?

How to treat ?      Topical  
selenium  
sulphide 2.5%  
Systemic .