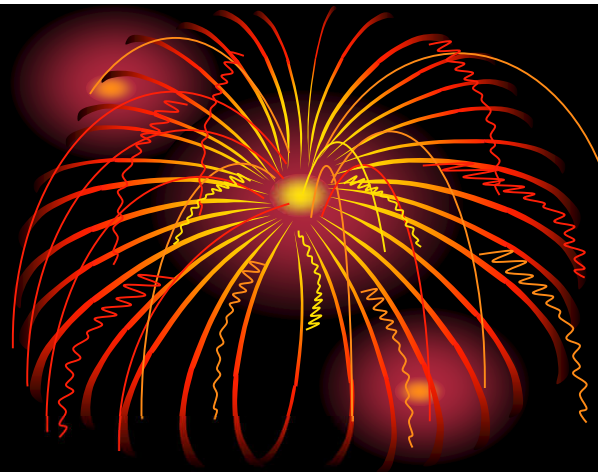
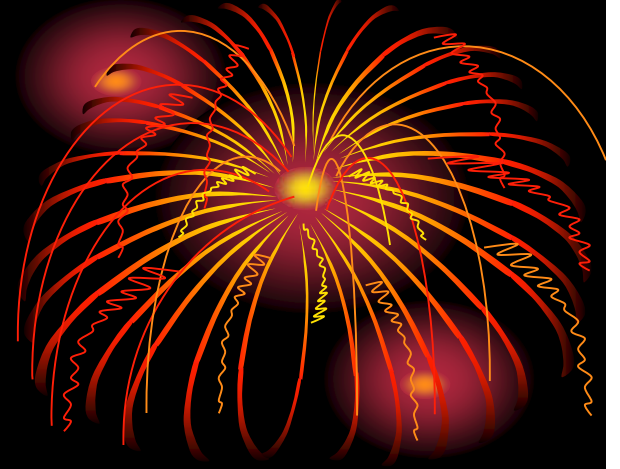


بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





SWEAT GLANDS

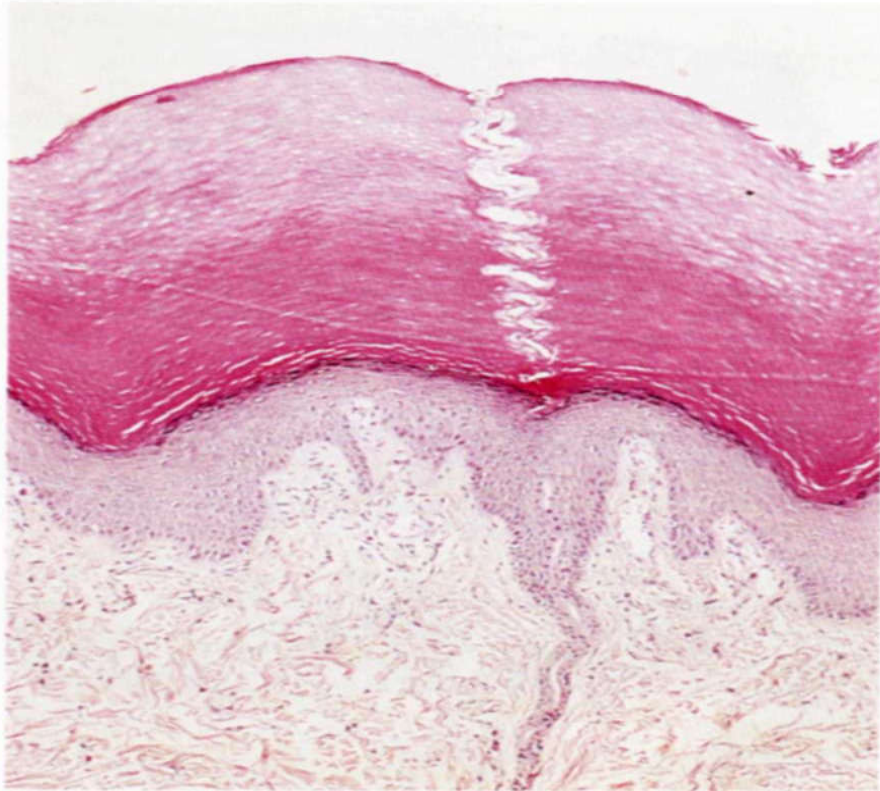
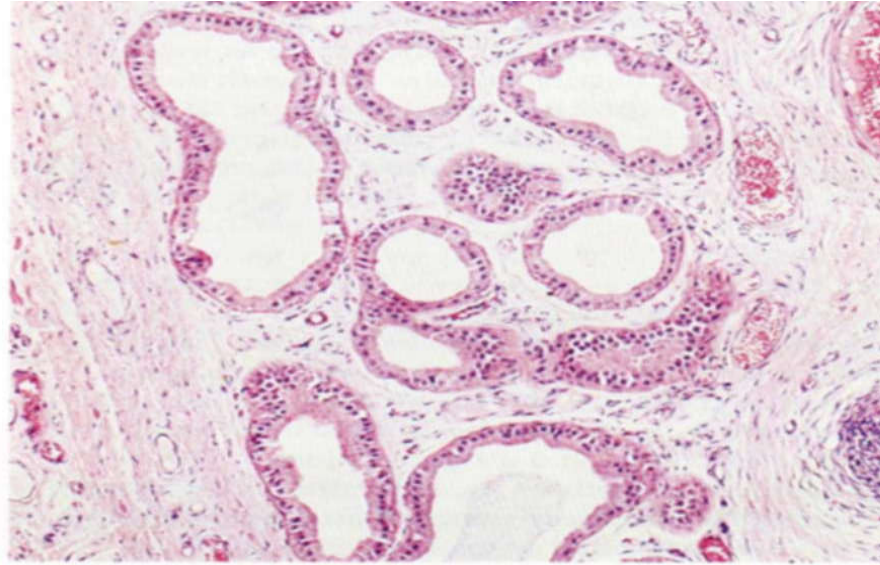
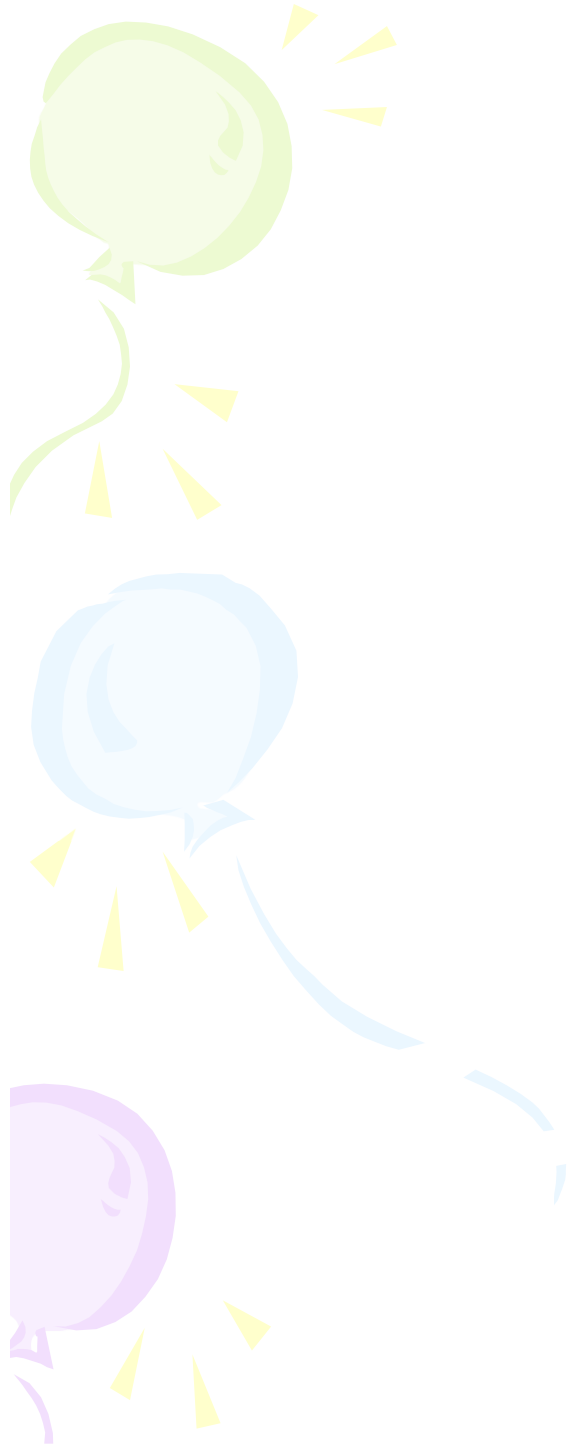
Anatomy

1. *Eccrine SG:*

- *All over the body especially palms, soles, forehead and axilla.*
- *Secret sweat in response to many stimuli: heat and stress.*

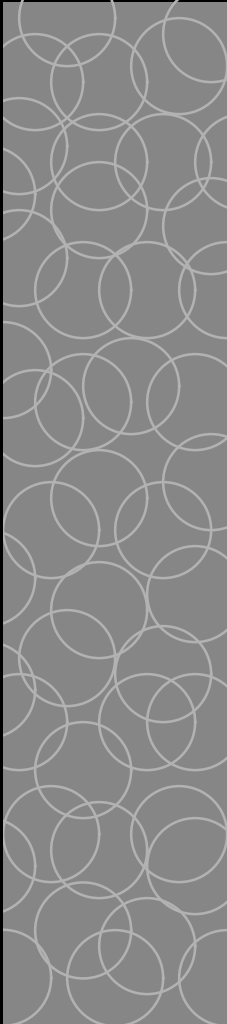
2. *Apocrine SG:*

- *Confined to certain sites*
- *Functionless until puberty.*
- *Produce colorless, odorless secretion.*
- *Secretion has no function in human.*



Disorders of SG:



1. MILIARIA
 2. HYPERHYDROSIS
 3. UNHYDROSIS
- 
- 

Miliaria

Def:

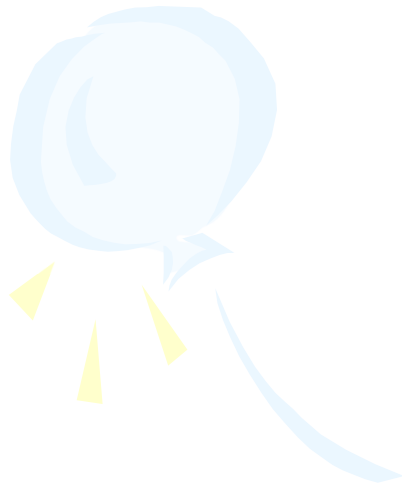
Skin eruption due to retention of sweat as a result of occlusion of eccrine sweat glands.

Clinical picture:

- *In hot humid climate*
- *In infants and children*
- *In the areas of friction with clothes and flexures.*
- *Intense discomfort and pricking sensation.*

The lesion depend on the level of obstruction:

1. *Miliaria crystallina*: very small vesicles in very large number.
2. *Miliaria rubra*: erythematous papular lesions. May be pustules.
3. *Miliaria profunda*: larger papules and pustules.



DOIA

(c) University Erlangen,
Department of Dermatology
Phone: (+49) 9131-85-2727



(c) University Erlangen,
Department of Dermatology
Phone: (+49) 9131 - 85 - 2727



(c) University Erlangen,
Department of Dermatology
Phone: (+49) 9131-85-2727



Treatment:

1. *Cool environment*
2. *Soothing applications*
3. *Avoid irritants*
4. *Antihistaminics and antibiotics*



THANK YOU