

# DERMATOLOGY

## LECTURE : 7

*Connective tissue diseases*

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## *Connective tissue diseases*

- \*Discoid lupus erythematosus ( DLE) .
- \*Aetiology
- \*Clinical feature

# **Clinical types of DLE .**

- 1.Plaque DLE .**
- 2.Tumid ( nodular ) .**
- 3.Cicatricial ( scarring ) .**
- 4.Hypertrophic .**
- 5.Atrophic .**
- 6.Pigmented .**
- 7.Bullous .**
- 8.Annular .**
- 9.Perniosis like DLE .**
- 10.Rowell syndrome**

# **Diagnosis**

**1-Clinical signs**

**2- Biopsy**

**3-Direct immunofluorescent test**

## **Differential diagnosis of DLE.**

**1.Psoriasis .**

**2.Rosacea .**

**3.Polymorphic light eruption.**

**4.Photosensitive eczema.**

**5.Seborrhoic eczema**

# **Treatment .**

- 1.Potent topical steroid .
- 2.Topical sunscreen .
- 3.Intralesional steroid .
- 4.Oral antimalarial Like hydroxychlorquine 200-400mg/day for 2-4 months for resistant cases .

**\*Side effects of antimalarial drugs(chlorquine and hydroxychlorquine ).**

**\*Acute systemic lupus erythematosus. (SLE) .**

## **---The criteria for diagnosis of SLE as ruled by American Rheumatism Association .**

- 1.Malar rash ( butterfly erythema ) .**
- 2.Discoid plaques .**
- 3.Photosensitivity .**
- 4.Mouth ulcer.**
- 5.Arthritis .**
- 6.Serositis. ( pleurisy or pericarditis ).**
- 7.Renal disorder ( proteinuria, haematuria ) .**
- 8.Neurological disorder ( headache , epileptic fits) .**
- 9.Haematological disorder ( pancytopenia) .**
- 10.Immunological disorder .**
- 11.ANA ( antinuclear ).**

## \* **Complications of SLE.**

## \* **Investigations**

1.ANA, and LE cells.

2.CBP, and GUF .

3.skin biopsy.

4.DIF

# **Treatment .**

- Sunscreen .
- Systemic steroid .
- Immunosuppressant drugs.
- Intravenous infusion of gammaglobulin .
- Follow up .

- Subacute cutaneous LE.
- Dermatomyositis. ( DM).
- Complications.
- Differential diagnosis

## **\*Investigation**

- Aldolase and creatinine phosphokinase .
- Electromyography ( EMG).
- ESR
- ANA
- Muscle biopsy .
- Immunological

- Treatment.
- Systemic sclerosis .
- Investigations .
- Clinically and histologically .
- ANA
- X-Ray
- Renal function test

# Treatment .

**Nifedipine .**

**Systemic steroid .**

**Salicylic acid**

**Antimalarial drugs .**

**D-penicillamine .**

**Physiotherapy .**

**Antihypertensive drugs .**

# **CREST syndrome.**

**C=** Calcinosis, **R=**Raynaud's phenomenon, **E=** Eosophageal dysmotility, **S=** Sclerodactyly, and **T=** Telangiectasiae. This syndrome is a mild variant of systemic sclerosis























































































