

* DRUGS ACTING ON SKIN AND MUCOUS MEMBRANE *

1] Demulcents - Inert substances which sooth, inflamed or denuded mucosa or skin by preventing contact with air / irritant in surrounding

(i) Glycyrrhiza

(ii) Methyl cellulose CADILOSE 0.5% drop in 10 ml bottle

(iii) Glycerine

2] Emollients - Bland oily substances which sooth and soften skin

(i) Olive oil

(ii) Arachis oil.

(iii) Sesame oil

(iv) Cocoa butter

(v) Soft Paraffin

(vi) Hard Paraffin

(vii) Liquid Paraffin.

(viii) Wool fat

(ix) Bees wax

(x) ~~SP~~ Spermoceti

3] Absorbant and protective - finely powdered, inert & insoluble solids capable of binding to their surface (adsorbing) noxious & irritant. They are also called protective. Demulcents & Emmollients are also protective.

(i) Magnesium / Zinc stearate.

(ii) Talc (Magnesium silicate hydrous)

(iii) Calamine (Zinc carbonate tinted pink with ferrous oxide).

(iv) starch

(v) Boric acid

(vi) Aloe vera gel

(vii) Fenacrylum (water soluble biodegradable polymer forms gel like compound when come in contact with blood)

(viii) Dimethicone (Dimethyl polysiloxane, Dimethicone)

(ix) Sucroalfate (topical) (Aluminium salt of sulfated sucrose)

4] Astringent :- precipitate protein (make skin mechanically stronger & decrease exudation)

(i) Tannic acid and Tannins.

(ii) Alcohol - ethanol, methanol at 50% - 90%.

(iii) Mineral astringents

Exg: Alum.

Zirconium (Antiperspirants)

5] Irritant and Counter Irritants - Irritate, stimulate sensory nerve ending at site of Applications.

- (I) Volatile oils (essential oils)
 - (a) Turpentine oil
 - (b) Clove oil
 - (c) Camphor
 - (d) Thymol
 - (e) Menthol
- (II) Mustard seeds
- (III) Capsicum (chillies)
- (IV) Anthroidine
- (V) Methyl salicylate (oil of wintergreen)
- (VI) Alcohol

6] Keratolytics - Dissolve the intercellular substance in the horny layer of the skin.

- (I) Salicylic acid
- (II) Resorcinol
- (III) Urea

7] Caustics and Escharotics - Caustics means corrosive and Escharotics means cauterizers.

- (I) Podophyllum resins
- (II) Silver nitrate
- (III) Phenol (80% w/v solution)
- (IV) Trichloroacetic acid (10-20%)
- (V) Glacial acetic acid

8] Anti-Seborrheics

- (I) Selenium sulphide (2.5% lotion or shampoo)
- (II) Zinc Pyrithione (shampoo 1%)
- (III) Corticosteroids
- (IV) Imidazole Antifungals
 - Mostly ketoconazole 2% shampoo / cream / lotion
 - Clotrimazole 1% solution.
- (V) Salicylic acid

9) Melanizing Agents - Increase sensitivity to solar radiation and promote repigmentation of vitiliginous area of skin.

- Ⓘ Psoralen
- Ⓜ Methoxsalen
- Ⓜ Trioxsalen

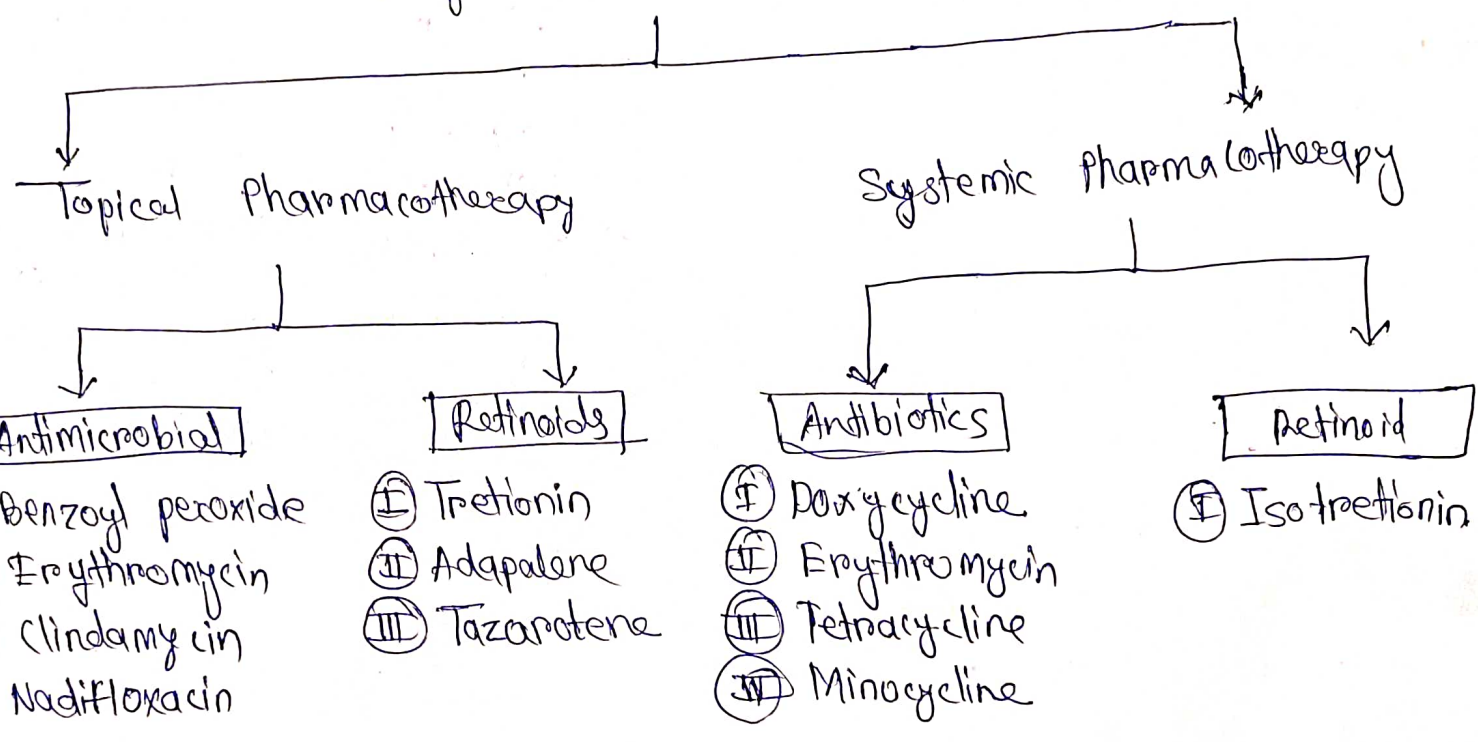
Oral therapy \Rightarrow Psoralen 0.3-0.6 mg/kg

10) Demelanizing Agents - Lighten hyperpigmented patches on skin

- Ⓘ Azelaic acid (10%, 20% cream)
- Ⓜ Monobenzene (5% lotion / 20% ointment)
- Ⓜ Hydroquinone (2-6% lotion or cream)

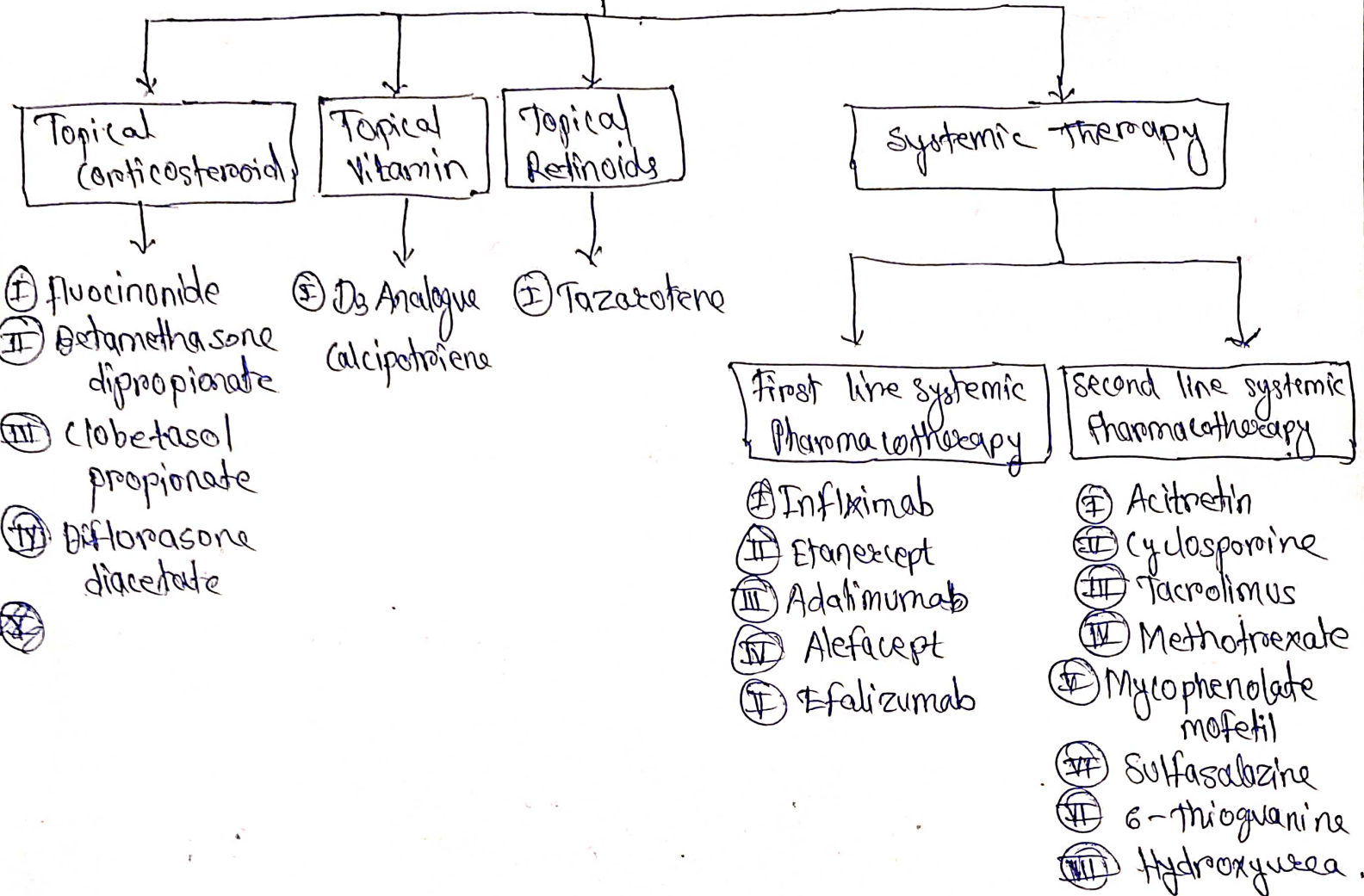
11) Drug for Acne Vulgaris

Drug used in ~~Acne~~ Acne vulgaris



12) Anti Psoriasis

Drug Used in Psoriasis



13) Topical Steroids

I Potent

- Beclomethasone dipropionate 0.025%
- Betamethasone benzoate 0.025%
- Betamethasone valerate 0.12%
- Clobetasol propionate 0.05%
- Dexamethasone sod. phosphate 0.1%
- Dexamethasone trimethyl-acetate 0.025%

II Moderately Potent

- Clobetasol butyrate 0.05%
- Mometasone 0.1%
- Hydrocortisone acetate 2-5%

III Mild

- Hydrocortisone acetate 0.1-1.0%
- Hydrocortisone butyrate 0.001%