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FDLquest #3: Dermatology

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35 slides

ALL AGENTS CONTRAINDICATED IN HYPERSENSITIVITY UNLESS OTHERWISE STATED

Benzoyl Peroxide

Acne Vulgaris Therapy

Brand name(s):

Benzagel

Clean & Clear persa-gel

Benzac

PanOxyl

Doses/forms:

Benzagel:

Gel:

2.5%

5%

Wash:

5%

Clean & Clear Persa-Gel:

Lotion:

5%

Benzac:

Gel:

10%

PanOxyl:

Cream:

4%

Indication(s):

Indicated for the topical treatment of acne vulgaris

Tretinoin

Acne Vulgaris Therapy

Brand name(s):

Brand name D/C

Stieva-A®

Retin-A® (tretinoin)

RETIN-A MICRO® (tretinoin) Gel microsphere

Vitamin A acid

Doses/forms:

Stieva-A Cream:

0.01%

0.025%

0.05%

Retin-A Micro Gel:

0.04%

0.1%

Indication(s):

Indicated for the topical treatment of acne vulgaris

Contraindication(s):

Tretinoin is contraindicated in pregnancy and lactation

Retin-A:

Cream:

0.05%

Gel:

0.025%

Vitamin A Acid Gel:

0.01%

0.025%

0.05%

P-TALC

Adapalene

Acne Vulgaris Therapy

Brand name(s):

DIFFERIN® Differin XP

Indication(s):

Indicated for the topical treatment of acne vulgaris

Contraindication(s):

Adapalene is contraindicated in those with eczema or seborrheic dermatitis

Doses/forms:

Differin:

Cream:

0.1%

Gel:

0.1%

Differin XP

Gel:

0.3%

Tazarotene

Antipsoriatic, Acne Vulgaris Therapy

Brand name(s):

Discontinued

TAZORAC®

ARAZLO®
(tazarotene) Lotion, 0.045%

Indication(s):

Indicated for the topical treatment of acne vulgaris

Tazarotene is also indicated for treatment of psoriasis and premature aging

Doses/forms:

Tazorac

Gel:

0.1%

Cream:

0.05%

Arazlo

Lotion:

0.045%

Clindamycin phosphate / benzoyl peroxide

Acne Vulgaris Therapy

Brand name(s):

Pr Clindoxyl® once-a-day

Clindoxyl® gel ADV once-a-day

clindamycin (as phosphate) and benzoyl peroxide, 1%/3%, w/w

BenzaClin®

Doses/forms:

BenzaClin, Clindoxyl Gel:

1% Clindamycin
5% Benzoyl Peroxide

Clindoxyl ADV Gel:

1% Clindamycin
3% Benzoyl Peroxide

Indication(s):

Indicated for the topical treatment of acne vulgaris

Adapalene / benzoyl peroxide

Acne Vulgaris Therapy

Brand name(s):

TactuPump™ TACTUPUMP FORTE

Indication(s):

Indicated for the topical treatment of acne vulgaris

Contraindication(s):

Adapalene is contraindicated in those with eczema or seborrheic dermatitis

Doses/forms:

TactuPump

Gel:

0.1% Adapalene +2.5% Benzoyl Peroxide

TactuPump Forte

Gel:

0.3% Adapalene +2.5% Benzoyl Peroxide

Clindamycin / tretinoin

Acne Vulgaris Therapy

Brand name(s):

biacna

Doses/forms:

Gel:

0.025% Tretinoin

+1.2% Clindamycin

Indication(s):

Indicated for the topical treatment of acne vulgaris

Contraindication(s):

Tretinoin is contraindicated in pregnancy and lactation

Erythromycin / benzoyl peroxide

Acne Vulgaris Therapy

Brand name(s):

Benzamycin®

Indication(s):

Indicated for the topical treatment of acne vulgaris

Doses/forms:

Gel:

3% Erythromycin

+5% Benzoyl Peroxide

Isotretinoin

Acne Vulgaris Therapy

Brand name(s):

ACCUTANE (isotretinoin)

Clarus isotretinoin

epuris

ABSORICA LD isotretinoin capsules

Indication(s):

Isotretinoin is an oral agent used in the treatment of severe nodular/inflammatory acne vulgaris

Contraindication(s):

Isotretinoin is contraindicated in:

1. Pregnancy and lactation
2. Hepatic and renal insufficiency
3. Elevated blood lipid values
4. Patients taking tetracyclines

Doses/forms:

Accutane, Clarus:

Caps:

10mg

40 mg

Epuris:

Caps:

10mg

20mg

30mg

40mg

Absorica LD:

Caps:

8mg

16mg

24mg

32mg

Acitretin

Topical Calcineurin Inhibitor

Brand name(s):

Pr SORIATANE®

Indication(s):

Indicated for the topical treatment of acne vulgaris

Doses/forms:

Caps:

10 mg

25 mg

Tacrolimus

Topical Calcineurin Inhibitor

Brand name(s):

Protopic®
(tacrolimus ointment)

Indication(s):

Tacrolimus and Pimecrolimus are indicated for treatment and maintenance of atopic dermatitis

Doses/forms:

Ointment:

0.03% w/w

0.1% w/w

Pimecrolimus

Topical Calcineurin Inhibitor

Brand name(s):

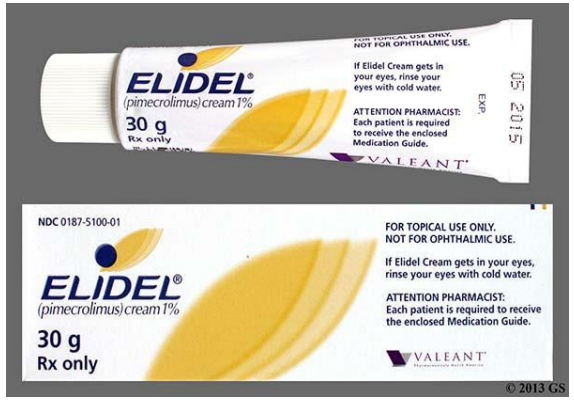
ELIDEL® (pimecrolimus) cream 1%

Indication(s):

Tacrolimus and Pimecrolimus are indicated for treatment and maintenance of atopic dermatitis

Doses/forms:

Cream:



1%

Ivermectin

Topical Rosacea Therapy

Brand name(s):

rosiver®
Ivermectin Cream, 1% w/w
Crème d'ivermectine, 1 % p/p

Doses/forms:

Cream:

1%

Indication(s):

Ivermectin is indicated for treatment of inflammatory lesions of rosacea in adults (≥18 years old)

Brimonidine (Tartrate)

Topical Rosacea Therapy

Brand name(s):

Doses/forms:

Gel:

0.33%

Indication(s):

Brimonidine is indicated for treatment of facial erythema of rosacea in adults (>18 years old)

Azelaic acid

Topical Rosacea Therapy

Brand name(s):

Finacea® (azelaic acid) Gel, 15%
Rx only

Doses/forms:

Gel:

15% w/w

Indication(s):

Indicated for the topical treatment of acne vulgaris

Spironolactone

Aldosterone receptor antagonist

Brand name(s):

Aldactone®

spironolactone

Doses/forms:

Tabs:

25 mg

100 mg

Indication(s):

Indicated for the topical treatment of acne vulgaris

Corticosteroids

The diagram below lists the number of different types of dosage forms available for each class of steroid & route. For example, mometasone furoate has 3 types of topical dosage forms available: cream, lotion and ointment.

Drug	Nasal	Ophth	Syst.	Topical
Fluticasone propionate	✓			
Mometasone furoate monohydrate	✓			
Prednisolone acetate		✓		
Prednisone			✓	
Dexamethasone		2	3	
Hydrocortisone			✓	3 (+2 rectal forms)
Betamethasone Valerate				4
Betamethasone dipropionate				3
Clobetasol 17-propionate				5
Triamcinolone acetonide	✓		✓	3
Mometasone furoate				3

INDICATIONS BY ROUTE:

NASAL: all are Indicated for seasonal and perennial allergies

OPHTHALMIC: Indicated for ocular inflammation

SYSTEMIC: Indicated for endocrine disorders as well as severe inflammatory conditions such as allergic conditions and asthma

TOPICAL: Indicated for inflammatory skin conditions

Fluticasone propionate

Nasal corticosteroid

Brand name(s):

FLONASE ALLERGY RELIEF

Indication(s):

Indicated for seasonal and perennial allergies

Doses/forms:

Suspension:

50 µg/metered spray

Mometasone furoate monohydrate

Nasal/Topical corticosteroid

Brand name(s):

Nasonex® (Mometasone Furoate Monohydrate)

Elocom® mometasone furoate

Doses/forms:

Suspension (Nasonex):

50 µg/metered spray

(Elocom):

Cream: Oint: Lotion:

ALL 0.1%

Indication(s):

- Nasonex indicated for seasonal and perennial allergies
- Elocom indicated for inflammatory skin conditions

Prednisolone acetate

Ophthalmic Corticosteroid

Brand name(s):

PRED FORTE®

Doses/forms:

Suspension:

1% w/v

Indication(s):

Indicated for ocular inflammation

Contraindication(s):

Ophthalmic corticosteroids are contraindicated in ocular herpes simplex and advanced glaucoma.

Prednisone

Systemic corticosteroid

Brand name(s):

Prednisone

(brand name d/c)

Indication(s):

Indicated for endocrine disorders as well as severe inflammatory conditions such as allergic conditions and asthma

Doses/forms:

Prednisone

Tabs:

5 mg

50 mg

Winpred

Tabs:

1 mg

Dexamethasone (systemic)

Systemic corticosteroid

Brand name(s):

- See Dexamethasone (ophthalmic)

Indication(s):

Indicated for endocrine disorders as well as severe inflammatory conditions such as allergic conditions and asthma

Doses/forms:

Tabs:

0.5mg 0.75mg 2mg 4mg

Elixir:

0.5 mg/5 mL

Injection:

4mg/mL 10mg/mL

Dexamethasone (Ophthalmic)

Ophthalmic corticosteroid

Brand name(s):

Maxidex®

Indication(s):

Indicated for ocular inflammation

Contraindication(s):

Ophthalmic corticosteroids are contraindicated in ocular herpes simplex and advanced glaucoma.

Doses/forms:

Ophthalmic oint:

0.1% w/w

Ophthalmic susp:

0.1% w/v

Hydrocortisone

Topical/Systemic corticosteroid

Brand name(s):

Indication(s):

Systemic: endocrine disorders as well as severe inflammatory conditions such as allergic conditions and asthma

Topical: inflammatory skin conditions (available for MAC)

Hydrocortisone (Cont.)

Topical/Systemic corticosteroid

Doses/forms:

Cream:

Cortate

0.5%

Generic

0.2%

1%

2.5%

Hyderm

0.5%

1%

Pwd for inj:

(Solu-Cortef)

0.1g

0.25g

0.5g

1g

Lotion:

(Generic)

1%

Ointment:

(Cortoderm)

0.5%

1%

Tablets:

(Cortef)

10mg

20mg

Betamethasone Valerate

Topical Corticosteroid

Brand name(s):

Betaderm®

Valisone SCALP LOTION

Discontinued

Indication(s):

Indicated for inflammatory skin conditions

Doses/forms:

Betaderm:

Cream:

0.05%

0.1%

Scalp lotion:

0.1%

Ointment:

0.05%

0.1%

Clobetasol 17-propionate

Topical Corticosteroid

Brand name(s):

Clobex (clobetasol propionate) Spray, 0.05%

Dermovate clobetasol propionate

Indication(s):

Indicated for inflammatory skin conditions

Doses/forms: ALL 0.05%

Dermovate:

Cream:

Ointment:

Scalp Lotion:

Clobex:

Shampoo:

Spray:

P-TALC

Triamcinolone acetonide

Nasal, Topical & Systemic Corticosteroid

Brand name(s):

Nasacort ALLERGY 24HR

Aristocort® R

Discontinued

KENALOG-40 Triamcinolone Acetonide Injectable Suspension, USP

ORACORT Triamcinolone Acetonide Dental Paste USP, 0.1%

Aristocort® C

Doses/forms:

Nasacort **Suspension:**

55 µg/metered spray

Oracort **Dental Paste**:

0.1%

Kenalog **Injectable Susp:**

10mg/mL

40 mg/mL

Aristocort-R Cream:

0.1%

Aristocort-R Ointment:

0.1%

Aristocort-C Cream:

0.5%

Indication(s):

Nasal: Indicated for seasonal and perennial allergies

Systemic: endocrine disorders as well as severe inflammatory conditions such as allergic conditions and asthma

Topical: Indicated for inflammatory skin conditions

Betamethasone dipropionate

Topical Corticosteroid

Brand name(s):

Diprosone®

Indication(s):

Indicated for inflammatory skin conditions

Doses/forms: ALL 0.05%

Cream:

Ointment:

Lotion:

Calcipotriol

Topical Nonsteroidal Antipsoriatic – Vitamin D Analogue

Brand name(s):

Dovonex® PSORIASIS ointment

Doses/forms:

Ointment:

50 µg/g Calcipotriol

Indication(s):

Used as Topical Nonsteroidal Anti psoriatic vitamin D analogue

Calcipotriol / Betamethasone dipropionate

Topical Nonsteroidal Antipsoriatic - Vitamin D Analogue - Corticosteroid

Brand name(s):

Dovobet®

Enstilar®

Doses/forms:

Dovobet

Gel:

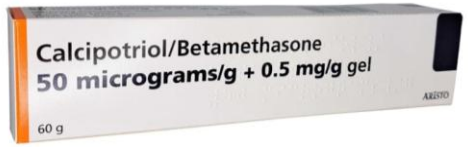
Ointment:

Enstilar

Foam:

Generic

Gel:



ALL 50 µg/g Calcipotriol + 0.5mg/g Betamethasone

Permethrin

Lice Treatment - Scabies Treatment

Brand name(s):

Nix Creme Rinse | Nix Dermal Cream | Kwellada-P Crème Rinse | Kwellada-P Lotion

Indication(s):

1% permethrin is indicated in the treatment of **lice** infestation

5% permethrin is indicated in the treatment of **scabies** infestation

Contraindication(s):

Permethrin is contraindicated in hypersensitivity to chrysanthemum and ragweed

Doses/forms:

For Lice:

Nix Creme Rinse

Creme Rinse:

1% w/w

Kwellada-P Creme Rinse

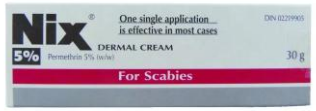
Crème Rinse:

1% w/w

For Scabies:

Nix Dermal Cream

Dermal Cream:



5% w/w

Kwellada-P Lotion

Lotion:

5% w/v

P-TALC

Pyrethrins / Piperonyl butoxide

Lice Treatment

Brand name(s):

R&C Shampoo +

Indication(s):

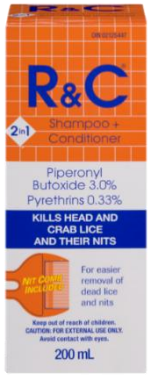
Indicated in the treatment of lice infestation

Contraindication(s):

Pyrethrins are contraindicated in hypersensitivity to chrysanthemum, ragweed **and** petrolatum

Doses/forms:

Shampoo:



0.33% w/v Pyrethrins

3% w/v Piperonyl Butoxide

Isopropyl myristate/cyclomethicone

Lice Treatment

Brand name(s):

Resultz

Indication(s):

Indicated in the treatment of lice infestation

Doses/forms:

Topical Solution:

50% w/w Isopropyl Myristate

+50% w/w Cyclomethicone

Dimeticone/Dimethicone

Lice Treatment

Brand name(s):

NYDA®

Indication(s):

Indicated in the treatment of lice infestation

Doses/forms:

Topical solution:

50% w/w

P-TALC

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