Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.

eMethods.

We used the following ranges to interpret Cohen's Kappa statistic: 0 - 0.20 = None, 0.21 - 0.39 = Minimal, 0.40 - 0.59 = Weak, 0.60 - 0.79 = Moderate, 0.80 - 0.90 = Strong, >0.90 = Almost Perfect.

The strength of the Spearman Rank Correlation Coefficients was interpreted using the following ranges: 0 - 0.19 = Very Weak, 0.20 - 0.39 = Weak, 0.40 - 0.59 = Moderate, 0.60 - 0.79 = Strong, 0.80 - 1.0 = Very Strong.

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification

Topical Corticosteroid	Original Category	Assigned Category	Justification		
Previously unclassified TCS					
Beclomethasone Dipropionate 0.025% Lotion	N/A	(2) Potent	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Beclomethasone Dipropionate 0.025% Ointment	N/A	(2) Potent	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Betamethasone Valerate 0.05% Ointment	N/A	(4) Mid-Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Clobetasone Butyrate 0.05% Ointment	N/A	(4) Mid-Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Flumetasone Pivalate 0.02% Ointment	N/A	(6) Mild	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Fluocinolone Acetonide 0.01% Ointment	N/A	(5) Lower Mid- Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Fluocinonide 0.01% Cream	N/A	(3) Upper Mid- Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Fluocinonide 0.01% Ointment	N/A	(3) Upper Mid- Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		
Flurandrenolide 0.0125% Cream	N/A	(6) Mild	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).		

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification
Flurandrenolide 0.0125% Ointment	N/A	(5) Lower Mid- Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).
Halcinonide 0.025% Cream	N/A	(4) Mid-Strength	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).
Hydrocortisone Acetate 0.5% Ointment	N/A	(7) Least Potent	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).
Hydrocortisone Powder (Strength N.R)	N/A	(7) Least Potent	Not classified by previous sources; a category was manually assigned by a dermatologist (AMD).
TCS identified in Cochrane Revie	w not previo	usly assigned to a 7	7-category classification
Alclometasone Dipropionate (Vehicle and strength N.R)	N/A	(6) Mild	Alclometasone Dipropionate 0.05% cream and ointment were assigned to '(6) Mild', therefore assigned this to the same category.
Betamethasone Dipropionate Cream (Strength N.R)	N/A	(3) Upper Mid- Strength	Assigned to the same category as Betamethasone Dipropionate 0.05% cream.
Betamethasone Valerate 0.1% Ointment - Emollient	N/A	(3) Upper Mid- Strength	Assigned the same potency as Betamethasone Valerate 0.1% ointment.
Betamethasone Valerate 0.12% Ointment	N/A	(3) Upper Mid- Strength	Assigned the same potency as Betamethasone Valerate 0.1% ointment.
Betamethasone Valerate Cream (Strength N.R)	N/A	(4) Mid-Strength	Betamethasone Valerate 0.1% was assigned to '(3) Upper Mid-Strength' and 0.05% and 0.01% were assigned to '(5) Lower Mid-strength'; therefore, assigned to (4) Mid-Strength which is between these two classifications.
Betamethasone Valerate Ointment (Strength N.R)	N/A	(4) Mid-Strength	Betamethasone Valerate 0.1% was assigned to '(3) Upper Mid-Strength' and 0.05% and 0.01% were assigned to '(5) Lower Mid-strength';

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification
			therefore, assigned to (4) Mid-Strength which is between these two classifications.
Betamethasone Valerate (Strength and vehicle N.R)	N/A	(4) Mid-Strength	Betamethasone Valerate 0.1% was assigned to '(3) Upper Mid-Strength' and 0.05% and 0.01% were assigned to '(5) Lower Mid-strength'; therefore, we assigned to (4) Mid-Strength which is between these two classifications.
Clobetasone 0.05% Cream	N/A	(4) Mid-Strength	Assigned to the same category as Clobetasone Butyrate which was assigned to '(4) Mid-Strength'.
Clobetasone Butyrate Cream (Strength N.R)	N/A	(4) Mid-Strength	Assigned to the same category as Clobetasone Butyrate 0.05% cream.
Clobetasone Butyrate 0.05% Lotion	N/A	(4) Mid-Strength	Assigned to the same category as Clobetasone Butyrate 0.05% cream.
Desonide 0.05% (Vehicle N.R)	N/A	(6) Mild	Assigned to the same category as Desonide 0.05% cream.
Desonide 0.1% Cream	N/A	(5) Lower Mid- Strength	Desonide 0.05% cream was was assigned to '(6) Mild', therefore we assigned this to one higher potency category.
Desonide 0.1% Cream*	N/A	(5) Lower Mid- Strength	Desonide 0.05% cream was was assigned to '(6) Mild', therefore we assigned this to one higher potency category.
Desonide 0.1% Ointment	N/A	(5) Lower Mid- Strength	Desonide 0.05% cream was was assigned to '(6) Mild', therefore we assigned this to one higher potency category.
Fluclorolone Acetonide 0.2% Cream	N/A	(2) Potent	Fluclorolone Acetonide was shown to be more potent than Betamethasone Valerate, 12 therefore we assigned one category higher than Betamethasone Valerate 0.12% ointment, the highest strength B.V in our list, which was assigned to '(3) Upper Mid-strength'.

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification
Fluclorolone Acetonide 0.2% Ointment	N/A	(2) Potent	Fluclorolone Acetonide was shown to be more potent than Betamethasone Valerate. Therefore, we assigned this to one category higher than Betamethasone Valerate 0.12% ointment (the highest strength B.V in our list) which was assigned to '(3) Upper Mid-strength'.
Flumetasone Pivalate 0.2% Ointment	N/A	(5) Lower Mid- Strength	Assigned one higher than flumetasone pivalate ointment 0.02%
Fluocortin Butylester 0.75% Cream	N/A	(7) Least Potent	Shown to be similar in efficacy to hydrocortisone acetate. ¹³ Therefore, we assigned this to the same category as the majority of the other hydrocortisone acetate entries.
Fluocortolone 0.2% (Vehicle N.R)	N/A	(4) Mid-Strength	Assigned to '(4) Mid-Strength', consistent with the other Fluocortolone entries.
Fluocortolone 0.5% Ointment	N/A	(4) Mid-Strength	Assigned to '(4) Mid-Strength', consistent with the other Fluocortolone entries.
Fluocortolone/Fluocortolone Carpoate 0.25% Cream - Emollient	N/A	(4) Mid-Strength	Betamethasone Valerate 0.1% ointment was shown to be superior to Fluocortolone Caproate. Hetamethasone Valerate 0.1% ointment was classified as '(3)' Upper Mid-Strength', therefore we assigned this to '(4) Mid-strength'.
Fluocortolone/Fluocortolone Carpoate 0.25% Ointment	N/A	(4) Mid-Strength	Betamethasone Valerate 0.1% ointment was shown to be superior to Fluocortolone Caproate. Hetamethasone Valerate 0.1% ointment was classified as '(3)' Upper Mid-Strength', therefore we assigned this to '(4) Mid-strength'.
Fluprednidene Acetate 0.1% Cream	N/A	(4) Mid-Strength	Classified by some as 'Potent', 15 while others classifed this as 'Moderate'. 16 Manually assigned to '(4) Mid-Strength' which is between moderate and potent.
Halometasone 0.05% Cream	N/A	(4) Mid-Strength	Assigned to the same category as Clobetasone Butyrate 0.05% cream which was previously shown to be similar to Halometasone. ¹⁷
Hydrocortisone 0.5% Ointment - Emollient	N/A	(7) Least Potent	Assigned to '(7) Least Potent', consistent the other hydrocortisone entries.

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification
Hydrocortisone 1.0% Cream - Emollient	N/A	(7) Least Potent	Assigned to '(7) Least Potent', consistent the other hydrocortisone entries
Hydrocortisone Cream (Strength N.R)	N/A	(7) Least Potent	Assigned to '(7)' Least Potent', consistent with other hydrocortisone entries.
Hydrocortisone Buteprate 0.1% Cream - Emollient	N/A	(5) Lower Mid- Strength	Hydrocortisone Buteprate corresponds to 'Pandel' cream ¹⁸ which was classified as '(5) Lower Mid-Strength' in the data sources, but was assigned to the drug name 'Hydrocortisone'. Therefore, we assigned this TCS to '(5) Lower Mid-strength'.
Hydrocortisone Butyrate (Strength and vehicle N.R)	N/A	(5) Lower Mid- Strength	Assigned to '(5) Lower Mid-Strength', consistent with other hydrocortisone butyrate entries.
Methylprednisolone Aceponate Cream (Strength N.R)	N/A	(4) Mid-Strength	Classified by some as 'Potent' ¹⁵ and 'Moderate' by others ^{19, 20} on a 4-category scale. Therefore, we manually assigned this to '(4) Mid-Strength' which is in-between moderate and potent.
Methylprednisolone Aceponate 0.1% Cream	N/A	(4) Mid-Strength	Classified by some as 'Potent' ¹⁵ and 'Moderate' by others ^{19, 20} on a 4-category scale. Therefore, we manually assigned this to '(4) Mid-Strength' which is in-between moderate and potent.
Methylprednisolone Aceponate 0.1% Lotion	N/A	(4) Mid-Strength	Classified by some as 'Potent' ¹⁵ and 'Moderate' by others ^{19, 20} on a 4-category scale. Therefore, we manually assigned this to '(4) Mid-Strength' which is in-between moderate and potent.
Methylprednisolone Aceponate 0.1% Ointment	N/A	(4) Mid-Strength	Classified by some as 'Potent' ¹⁵ and 'Moderate' by others ^{19, 20} on a 4-category scale. Therefore, we manually assigned this to '(4) Mid-Strength' which is in-between moderate and potent.
Methylprednisolone Aceponate 0.1% Ointment - Emollient	N/A	(4) Mid-Strength	Classified by some as 'Potent' ¹⁵ and 'Moderate' by others ^{19, 20} on a 4-category scale. Therefore, we manually assigned this to '(4) Mid-Strength' which is in-between moderate and potent.
Mometasone Furoate 0.1% Cream - Emollient	N/A	(4) Mid-Strength	Assigned to '(4) Mid-Strength' to be consistent with most Mometasone Furoate entries.

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification			
Mometasone Furoate Cream (Strength N.R)	N/A	(4) Mid-Strength	Assigned to '(4) Mid-Strength' to be consistent with most Mometasone Furoate entries.			
Prednicarbate Ointment (Strength N.R)	N/A	(5) Lower Mid- Strength	Classified as '(5) Lower Mid-Strength' consistent with the majority of prednicarbate entries.			
Prednicarbate 0.25% Cream	N/A	(4) Mid-Strength	Classified as 'Moderate' by some ²¹ while others classified as 'Poten a 4-category scale. UpToDate classified prednicarbate 0.1% as '(5) Lower mid-strength', ⁵ therefore we manually assigned this to '(4) Mi Strength'.			
Prednicarbate 0.25% Ointment	N/A	(4) Mid-Strength	Classified as 'Moderate' by some12 while others classified as 'Potent'7 on a 4-category scale. UpToDate classified prednicarbate 0.1% as '(5) Lower mid-strength',17 therefore we manually assigned this to '(4) Mid-Strength'.			
Prednisolone Valerate Acetate 0.3% (Vehicle N.R)	N/A	(4) Mid-Strength	Shown to be similar in efficacy as Betamethasone Valerate 0.1% ointment and cream. ²² We assigned ointment to '(3) Upper Mid-Strength' and cream to '(5) Lower Mid-Strength', therefore we assigned this (with no vehicle reported) to '(4) Mid-Strength' which is in-between.			
Tralonide 0.025% Ointment	N/A	(4) Mid-Strength	Tralonide was shown to be similar to flurandrenolone acetonide (also known as fludroxycortide) for psoriasis, but more effective for eczema. Fludroxycortide cream was assigned to '(5) Lower Mid-strength' and ointment was assigned to '(4) Mid-Strength'. Therefore, we assigned this to '(4) Mid-Strength'.			
Triamcinolone 0.1% Cream	N/A	(5) Lower Mid- Strength	Assigned to the same category as Triamcinolone Acetonide 0.1% cream.			
Triamcinolone 0.1% Ointment	N/A	(4) Mid-Strength	Assigned to the same category as Triamcinolone Acetonide 0.1% ointment.			

eTable 1. Topical Corticosteroids Manually Assigned to a 7-Category Potency Classification (continued).

Topical Corticosteroid	Original Category	Assigned Category	Justification			
TCS identified in ATC Classificat	tion not previ	ously assigned to a	7-category classification			
Hydrocortisone Aceponate 0.1% Cream	N/A	(5) Lower Mid- Strength	Classified by some as 'Moderate', 15, 21 and 'Potent' by others 24 on a 4-category scale; therefore we assigned this to '(5) Mid-Strength' which is between moderate and potent.			
Hydrocortisone Aceponate 0.1% Ointment	N/A	(5) Lower Mid- Strength	Classified by some as 'Moderate', 15, 21 and 'Potent' by others ²⁴ on 4-category scale; therefore we assigned this to '(5) Mid-Strength' which is between moderate and potent.			
TCS with incoherent classification	ons relative to	other TCS categor	ies			
Betamethasone Valerate 0.01% Lotion	(5) Lower Mid- Strength	(6) Mild	Classified under category 5 by only one source. 10 Betamethasone valerate 0.1% lotion and 0.05% ointment were classified under category 6, therefore this category was changed from 5 to 6 to remain consistent with others.			
Flumetasone Pivalate 0.02% Cream	(5) Lower Mid- Strength	(6) Mild	Classified under category 5 by only one source. Flumetasone 0.03% cream and 0.02% ointment were classified under category 6, therefore this category was changed from 5 to 6 (Mild).			

Abbreviation: N.R, Not Reported

eTable 2. Reorganized 7-Category Potency Classifications

Original US Classification	Reverse-Coded	Consolidated ^a
(1) Super Potent	(7) Super Potent	(4) Very Potent
(2) Potent	(6) Potent	(3) Potent
(3) Upper Mid-Strength	(5) Upper Mid-Strength	(3) Foteni
(4) Mid-Strength	(4) Mid-Strength	(2) Moderate
(5) Lower Mid-Strength	(3) Lower Mid-Strength	(2) Moderate
(6) Mild	(2) Mild	(1) Weak
(7) Least Potent	(1) Least Potent	(I) WEAK

^aAs shown in WHO, 1997⁶

eTable 3. Final List of Topical Corticosteroid Potency Classifications

ATC	Corticosteroid	Vehicle	Concentration	US Classification (7-Category)	Cochrane Review (4-Category)	ATC Classification (4-Category)
ALCI OMETACONE	ALCLOMETASONE	N.R	N.R	(6) Mild	(2) Moderate	(2) Moderate
ALCLOMETASONE D07AB10	ALCLOMETASONE	CREAM	0.05%	(6) Mild	(2) Moderate	(2) Moderate
BOTABIO	DIPROPIONATE	OINTMENT	0.05%	(6) Mild	(2) Moderate	(2) Moderate
AMCINONIDE		CREAM	0.1%	(3) Upper Mid-Strength		(3) Potent
	AMCINONIDE	LOTION	0.1%	(3) Upper Mid-Strength		(3) Potent
D07AC11		OINTMENT	0.1%	(2) Potent		(3) Potent
BECLOMETHASONE	BECLOMETHASONE	CREAM	0.025%	(4) Mid-Strength		(3) Potent
	BECLOMETHASONE	LOTION	0.025%	(2) Potent		(3) Potent
D07AC15	DIPROPIONATE	OINTMENT	0.025%	(2) Potent		(3) Potent
	BETAMETHASONE	CREAM	0.025%	(5) Lower Mid-Strength		(3) Potent
	BETAMETHASONE	GEL	0.025%	(4) Mid-Strength		(3) Potent
	BENZOATE	LOTION	0.025%	(5) Lower Mid-Strength		(3) Potent
		SPRAY	0.05%	(4) Mid-Strength		(3) Potent
		SPRAY	0.1%	(2) Potent		(3) Potent
		CREAM	N.R	(3) Upper Mid-Strength	(3) Potent	(3) Potent
		CREAM - EMOLLIENT	0.05%	(3) Upper Mid-Strength		(3) Potent
		CREAM*	0.05%	(2) Potent		(3) Potent
I BETAMETHASONE	BETAMETHASONE	CREAM	0.05%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
	DIPROPIONATE	GEL*	0.05%	(1) Super Potent		(3) Potent
DOTACOT		GEL	0.05%	(2) Potent		(3) Potent
		LOTION*	0.05%	(1) Super Potent		(3) Potent
		LOTION	0.02%	(5) Lower Mid-Strength		(3) Potent
		LOTION	0.05%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT*	0.05%	(1) Super Potent		(3) Potent
		OINTMENT	0.05%	(2) Potent	(3) Potent	(3) Potent
		N.R	N.R	(4) Mid-Strength	(3) Potent	(3) Potent
	BETAMETHASONE VALERATE	AEROSOL FOAM	0.12%	(3) Upper Mid-Strength		(3) Potent
		PATCH	0.1%	(3) Upper Mid-Strength		(3) Potent

eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

Corticosteroid	Vehicle	Concentration	US Classification (7-Category)	Cochrane Review (4-Category)	ATC Classification (4-Category)
	CREAM	N.R	(4) Mid-Strength	(3) Potent	(3) Potent
	CREAM	0.01%	(5) Lower Mid-Strength		(3) Potent
	CREAM	0.05%	(5) Lower Mid-Strength		(3) Potent
	CREAM	0.1%	(5) Lower Mid-Strength	(3) Potent	(3) Potent
	LOTION	0.01%	(6) Mild		(3) Potent
DETAMETHACONE	LOTION	0.05%	(6) Mild		(3) Potent
	LOTION	0.1%	(6) Mild		(3) Potent
VALERATE (cont'd)	OINTMENT	N.R	(4) Mid-Strength	(3) Potent	(3) Potent
	OINTMENT - EMOLLIENT	0.1%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
	OINTMENT	0.05%	(4) Mid-Strength		(3) Potent
	OINTMENT	0.1%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
	OINTMENT	0.12%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
CLOBETASOL	AEROSOL FOAM - EMOLLIENT	0.05%	(1) Super Potent		(4) Very Potent
	AEROSOL FOAM	0.05%	(1) Super Potent		(4) Very Potent
	SHAMPOO	0.05%	(1) Super Potent		(4) Very Potent
	SPRAY	0.05%	(1) Super Potent		(4) Very Potent
	CREAM - EMOLLIENT	0.05%	(1) Super Potent		(4) Very Potent
CLOBETASOL	CREAM	0.025%	(2) Potent		(4) Very Potent
PROPIONATE	CREAM	0.05%	(1) Super Potent	(4) Very Potent	(4) Very Potent
	GEL	0.05%	(1) Super Potent		(4) Very Potent
	LOTION	0.05%	(1) Super Potent		(4) Very Potent
	OINTMENT	0.05%	(1) Super Potent	(4) Very Potent	(4) Very Potent
	SCALP SOLUTION	0.05%	(1) Super Potent		(4) Very Potent
	SOLUTION	0.05%	(1) Super Potent		(4) Very Potent
	CLOBETASOL	CREAM CREAM CREAM LOTION LOTION LOTION LOTION OINTMENT OINTMENT OINTMENT OINTMENT OINTMENT OINTMENT OINTMENT AEROSOL FOAM SHAMPOO SPRAY CREAM CREAM CREAM LOTION LOTION LOTION CINTMENT OINTMENT OINTMENT OINTMENT AEROSOL FOAM SHAMPOO SPRAY CREAM CREAM CREAM GEL LOTION OINTMENT SCALP SOLUTION	CREAM 0.01% CREAM 0.05% CREAM 0.10% CREAM 0.11% LOTION 0.011% LOTION 0.05% LOTION 0.11% OINTMENT 0.11% OINTMENT 0.11% OINTMENT 0.11% OINTMENT 0.12% AEROSOL FOAM EMOLLIENT AEROSOL FOAM SHAMPOO 0.05% CREAM 0.05% CREAM 0.05% CREAM CREAM 0.05% CREA	CREAM N.R (4) Mid-Strength CREAM 0.01% (5) Lower Mid-Strength CREAM 0.05% (5) Lower Mid-Strength CREAM 0.1% (5) Lower Mid-Strength CREAM 0.1% (6) Mild LOTION 0.01% (6) Mild LOTION 0.05% (6) Mild LOTION 0.1% (6) Mild LOTION 0.1% (6) Mild LOTION 0.1% (6) Mild COTION 0.1% (6) Mild COTION 0.1% (6) Mild COTION 0.1% (7) Mid-Strength (7)	CREAM N.R (4) Mid-Strength (3) Potent

eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	US Classification (7-Category)	Cochrane Review (4-Category)	ATC Classification (4-Category)
CLOBETASONE	CLODETA CONE	CDEAM	N.R	(4) Mid-Strength	(2) Moderate	(2) Moderate
	CLOBETASONE	CREAM	0.05%	(4) Mid-Strength	(2) Moderate	(2) Moderate
D07AB01	CLODETA CONE	CREAM	0.05%	(4) Mid-Strength	(2) Moderate	(2) Moderate
D07AB01	CLOBETASONE BUTYRATE	LOTION	0.05%	(4) Mid-Strength	(2) Moderate	(2) Moderate
	BOTTRATE	OINTMENT	0.05%	(4) Mid-Strength	(2) Moderate	(2) Moderate
CLOCORTOLONE D07AB21	CLOCORTOLONE	CREAM	0.1%	(4) Mid-Strength	(2) Moderate	(2) Moderate
		N.R	0.05%	(6) Mild	(1) Mild	(2) Moderate
		AEROSOL FOAM	0.05%	(6) Mild		(2) Moderate
		CREAM*	0.1%	(5) Lower Mid-Strength	(1) Mild	(2) Moderate
DESONIDE	DESONIDE	CREAM	0.05%	(6) Mild	(1) Mild	(2) Moderate
D07AB08	DESCINIDE	CREAM	0.1%	(5) Lower Mid-Strength	(2) Moderate	(2) Moderate
		GEL	0.05%	(5) Lower Mid-Strength		(2) Moderate
		LOTION	0.05%	(6) Mild	(1) Mild	(2) Moderate
		OINTMENT	0.05%	(5) Lower Mid-Strength	(2) Moderate	(2) Moderate
		OINTMENT	0.1%	(5) Lower Mid-Strength	(2) Moderate	(2) Moderate
		SPRAY	0.25%	(2) Potent		(3) Potent
		CREAM - EMOLLIENT	0.25%	(4) Mid-Strength		(3) Potent
		CREAM	0.025%	(2) Potent		(3) Potent
DESOXIMETASONE	DESOXIMETASONE	CREAM	0.05%	(3) Upper Mid-Strength		(3) Potent
D07AC03	DESOXIMETASONE	CREAM	0.25%	(2) Potent		(3) Potent
		GEL	0.05%	(2) Potent		(3) Potent
		OINTMENT	0.025%	(2) Potent		(3) Potent
		OINTMENT	0.05%	(3) Upper Mid-Strength		(3) Potent
		OINTMENT	0.25%	(2) Potent		(3) Potent
DEXAMETHASONE D07AB19	DEXAMETHASONE	N.R	N.R	(7) Least Potent		(2) Moderate
DEXAMETHASONE D07AB19 (cont'd)	DEXAMETHASONE SODIUM PHOSPHATE	CREAM	0.1%	(7) Least Potent		(2) Moderate

eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	IIS Classification	Cochrane Review (4-Category)	ATC Classification (4-Category)
	DIFLORASONE	CREAM - EMOLLIENT	0.05%	(2) Potent		(3) Potent
		CREAM*	0.05%	(2) Potent		(3) Potent
DIFLORASONE		CREAM	0.05%	(3) Upper Mid-Strength	(2) Moderate	(3) Potent
D07AC10	DIFLORASONE DIACETATE	OINTMENT - EMOLLIENT	0.05%	(2) Potent		(3) Potent
		OINTMENT*	0.05%	(1) Super Potent		(3) Potent
	DIFLUCORTOLONE	OINTMENT	0.05%	(2) Potent	(4) Very Potent	(3) Potent
	DIFLUCORTOLONE	CREAM - EMOLLIENT	0.1%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
DIFLUCORTOLONE	DIELLIGORESI ONE	CREAM - EMOLLIENT	0.3%	(1) Super Potent		(3) Potent
D07AC06	DIFLUCORTOLONE	CREAM	0.1%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
	VALERATE	OINTMENT	0.1%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
		OINTMENT	0.3%	(1) Super Potent		(3) Potent
FLUCLOROLONE	FLUCLOROLONE	CREAM	0.2%	(2) Potent	(3) Potent	(3) Potent
D07AC02	FLUCLOROLONE ACETONIDE	OINTMENT	0.2%	(2) Potent	(3) Potent	(3) Potent
	FLUDROXYCORTIDE	CREAM	0.05%	(5) Lower Mid-Strength		(3) Potent
	FLUDROXICORTIDE	OINTMENT	0.05%	(4) Mid-Strength		(3) Potent
		TAPE	4 mcg/cm2	(1) Super Potent		(3) Potent
		CREAM	0.0125%	(6) Mild		(3) Potent
FLUDROXYCORTIDE		CREAM	0.025%	(6) Mild		(3) Potent
D07AC07		CREAM	0.05%	(5) Lower Mid-Strength		(3) Potent
DOTAGOT	FLURANDRENOLIDE	LOTION	0.05%	(5) Lower Mid-Strength		(3) Potent
		LOTION	0.5%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.0125%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.025%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.05%	(4) Mid-Strength	(2) Moderate	(3) Potent
FLUMETASONE	FLUMETASONE	CREAM	0.02%	(6) Mild	(1) Mild	(2) Moderate
D07AB03	FLUMETASONE	CREAM	0.03%	(6) Mild		(2) Moderate
2017.000	PIVALATE	OINTMENT	0.02%	(6) Mild		(2) Moderate

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eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	IIS Classification	Cochrane Review (4-Category)	ATC Classification (4-Category)
FLUMETASONE D07AB03	FLUMETASONE PIVALATE (cont'd)	OINTMENT	0.2%	(5) Lower Mid-Strength	(2) Moderate	(2) Moderate
		OIL	0.01%	(6) Mild		(3) Potent
		SHAMPOO	0.01%	(6) Mild		(3) Potent
		CREAM	0.01%	(6) Mild	(2) Moderate	(3) Potent
FLUOCINOLONE	FLUOCINOLONE	CREAM	0.025%	(5) Lower Mid-Strength	(3) Potent	(3) Potent
ACETONIDE	ACETONIDE	CREAM	0.05%	(4) Mid-Strength		(3) Potent
D07AC04	ACLIONIDE	CREAM	0.2%	(4) Mid-Strength		(3) Potent
		OINTMENT	0.01%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.025%	(4) Mid-Strength	(3) Potent	(3) Potent
		SOLUTION	0.01%	(6) Mild		(3) Potent
	FLUOCINONIDE	CREAM - EMOLLIENT	0.05%	(3) Upper Mid-Strength	(3) Potent	(3) Potent
		CREAM	0.01%	(3) Upper Mid-Strength		(3) Potent
FILIOONIONIDE		CREAM	0.05%	(2) Potent	(3) Potent	(3) Potent
FLUOCINONIDE		CREAM	0.1%	(1) Super Potent	(4) Very Potent	(3) Potent
D07AC08		GEL	0.05%	(2) Potent		(3) Potent
		OINTMENT	0.01%	(3) Upper Mid-Strength		(3) Potent
		OINTMENT	0.05%	(2) Potent		(3) Potent
		SOLUTION	0.05%	(2) Potent		(3) Potent
FLUOCORTIN D07AB04	FLUOCORTIN	CREAM	0.75%	(7) Least Potent	(1) Mild	(2) Moderate
FLUOCORTOLONE D07AC05	FLUOCORTOLONE	N.R	0.2%	(4) Mid-Strength	(2) Moderate	(3) Potent
		OINTMENT	0.5%	(4) Mid-Strength	(2) Moderate	(3) Potent
FLUOCORTOLONE D07AC05 (cont'd)	FLUOCORTOLONE/ FLUOCORTOLONE CAPROATE	CREAM - EMOLLIENT	0.25%	(4) Mid-Strength	(2) Moderate	(3) Potent
		OINTMENT	0.25%	(4) Mid-Strength	(2) Moderate	(3) Potent
FLUPREDNIDENE D07AB07	FLUPREDNIDENE	CREAM	0.1%	(4) Mid-Strength	(2) Moderate	(2) Moderate
FLUTIONOONE	FLUTICASONE	CREAM	0.05%	(5) Lower Mid-Strength	(3) Potent	(3) Potent
FLUTICASONE	FLUTICASONE	LOTION	0.05%	(5) Lower Mid-Strength		(3) Potent
D07AC17	PROPIONATE	OINTMENT	0.005%	(3) Upper Mid-Strength	(3) Potent	(3) Potent

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eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	IIS Classification	Cochrane Review (4-Category)	ATC Classification (4-Category)
	LIAL OINONIDE	CREAM - EMOLLIENT	0.1%	(2) Potent		(4) Very Potent
HALCINONIDE		CREAM	0.025%	(4) Mid-Strength		(4) Very Potent
D07AD02	HALCINONIDE	CREAM	0.1%	(2) Potent	(3) Potent	(4) Very Potent
		OINTMENT	0.1%	(2) Potent		(4) Very Potent
		SOLUTION	0.1%	(2) Potent		(4) Very Potent
HALOMETASONE D07AC12	HALOMETASONE	CREAM	0.05%	(4) Mid-Strength	(3) Potent	(3) Potent
	HYDROCORTISONE	N.R	N.R	(7) Least Potent		(1) Weak
		CREAM	1.0%	(7) Least Potent		(1) Weak
		CREAM	2.5%	(7) Least Potent		(1) Weak
	HYDROCORTISONE & PRAMOXINE HCL	LOTION	1.0%	(7) Least Potent		(1) Weak
		LOTION	2.5%	(7) Least Potent		(1) Weak
		OINTMENT	1.0%	(7) Least Potent		(1) Weak
		OINTMENT	2.5%	(7) Least Potent		(1) Weak
	HYDROCORTISONE ACETATE	AEROSOL FOAM	1.0%	(7) Least Potent		(1) Weak
		CREAM	0.5%	(7) Least Potent		(1) Weak
HYDROCORTISONE		CREAM	1.0%	(7) Least Potent		(1) Weak
		CREAM	2.5%	(7) Least Potent		(1) Weak
D07AA02		LOTION	1.0%	(7) Least Potent		(1) Weak
		LOTION	2.0%	(7) Least Potent		(1) Weak
		LOTION	2.5%	(7) Least Potent		(1) Weak
		OINTMENT	0.5%	(7) Least Potent		(1) Weak
		OINTMENT	1.0%	(7) Least Potent	(1) Mild	(1) Weak
		OINTMENT	2.5%	(7) Least Potent		(1) Weak
	HYDROCORTISONE PROBUTATE	CREAM	0.1%	(5) Lower Mid-Strength		(1) Weak
	HYDROCORTISONE	CREAM	0.2%	(5) Lower Mid-Strength	(2) Moderate	(1) Weak
	VALERATE	OINTMENT	0.2%	(5) Lower Mid-Strength	(2) Moderate	(1) Weak
	HYDROCORTISONE	N.R	1.0%	(7) Least Potent	(1) Mild	(1) Weak
		SPRAY	1.0%	(7) Least Potent		(1) Weak

eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	IIS Classification	Cochrane Review (4-Category)	ATC Classification (4-Category)
		CREAM	N.R	(7) Least Potent	(1) Mild	(1) Weak
		CREAM - EMOLLIENT	1.0%	(7) Least Potent	(1) Mild	(1) Weak
		CREAM	0.5%	(7) Least Potent	(1) Mild	(1) Weak
		CREAM	1.0%	(7) Least Potent	(1) Mild	(1) Weak
		CREAM	2.5%	(7) Least Potent		(1) Weak
		GEL	1.0%	(7) Least Potent		(1) Weak
		LOTION	0.5%	(7) Least Potent		(1) Weak
		LOTION	1.0%	(7) Least Potent		(1) Weak
HYDROCORTISONE	HYDROCORTISONE	LOTION	2.0%	(7) Least Potent		(1) Weak
D07AA02 (cont'd)	(cont'd)	LOTION	2.5%	(7) Least Potent		(1) Weak
		OINTMENT - EMOLLIENT	0.5%	(7) Least Potent	(1) Mild	(1) Weak
		OINTMENT	0.5%	(7) Least Potent		(1) Weak
		OINTMENT	1.0%	(7) Least Potent	(1) Mild	(1) Weak
		OINTMENT	2.5%	(7) Least Potent	(1) Mild	(1) Weak
		TOP PD	N.R	(7) Least Potent		(1) Weak
		SOLUTION	0.5%	(7) Least Potent		(1) Weak
		SOLUTION	1.0%	(7) Least Potent		(1) Weak
		SOLUTION	2.5%	(7) Least Potent		(1) Weak
HYDROCORTISONE ACEPONATE D07AC16	HYDROCORTISONE ACEPONATE	CREAM	0.1%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.1%	(4) Mid-Strength		(3) Potent
HYDROCORTISONE BUTEPRATE D07AB11	HYDROCORTISONE BUTEPRATE	CREAM - EMOLLIENT	0.1%	(5) Lower Mid-Strength	(2) Moderate	(2) Moderate
HYDROCORTISONE BUTYRATE	HYDROCORTISONE BUTYRATE	N.R	N.R	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
		CREAM - EMOLLIENT	0.1%	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
		CREAM	0.1%	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
D07AB02		LOTION	0.1%	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
		OINTMENT	0.1%	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
		SOLUTION	0.1%	(5) Lower Mid-Strength		(2) Moderate

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eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

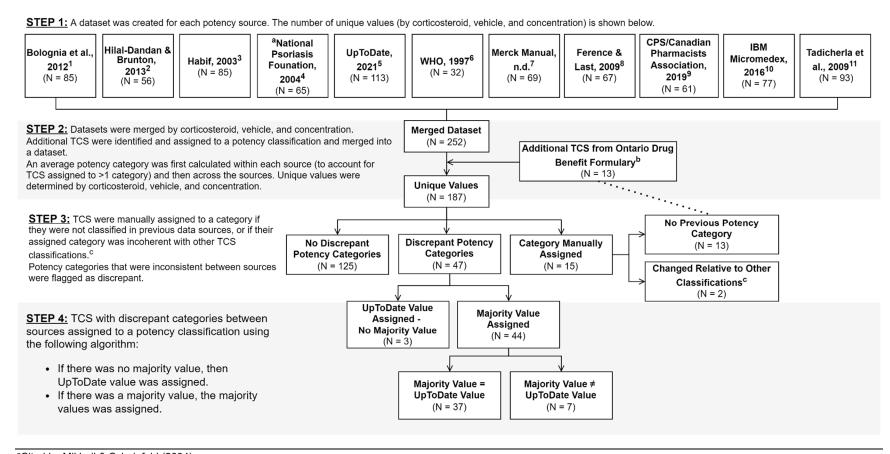
ATC	Corticosteroid	Vehicle	Concentration	US Classification (7-Category)	Cochrane Review (4-Category)	ATC Classification (4-Category)
METHYLPREDNISOLONE	METHYLPREDNISOLONE	N.R	N.R	(7) Least Potent		(1) Weak
D07AA01	METHYLPREDNISOLONE	CREAM	0.25%	(7) Least Potent		(1) Weak
DOTAGOT	ACETATE	LOTION	0.25%	(7) Least Potent		(1) Weak
		CREAM		(4) Mid-Strength	(3) Potent	(3) Potent
METLINI DDEDNICOLONE		CREAM	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
METHYLPREDNISOLONE ACEPONATE	METHYLPREDNISOLONE	LOTION	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
D07AC14	ACEPONATE	OINTMENT - EMOLLIENT	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
		OINTMENT	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
	MOMETASONE	CREAM	N.R	(4) Mid-Strength	(3) Potent	(3) Potent
MONETAGONE	MOMETASONE FUROATE	CREAM - EMOLLIENT	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
MOMETASONE		CREAM	0.1%	(4) Mid-Strength	(3) Potent	(3) Potent
D07AC13		LOTION	0.1%	(4) Mid-Strength		(3) Potent
		OINTMENT	0.1%	(2) Potent	(3) Potent	(3) Potent
		SOLUTION	0.1%	(4) Mid-Strength		(3) Potent
	PREDNICARBATE	CREAM - EMOLLIENT	0.1%	(5) Lower Mid-Strength		(3) Potent
		CREAM	0.05%	(6) Mild		(3) Potent
		CREAM	0.1%	(5) Lower Mid-Strength		(3) Potent
		CREAM	0.25%	(4) Mid-Strength	(2) Moderate	(3) Potent
PREDNICARBATE D07AC18		OINTMENT	N.R	(5) Lower Mid-Strength	(2) Moderate	(3) Potent
		OINTMENT - EMOLLIENT	0.1%	(4) Mid-Strength		(3) Potent
		OINTMENT	0.05%	(6) Mild		(3) Potent
		OINTMENT	0.1%	(5) Lower Mid-Strength		(3) Potent
		OINTMENT	0.25%	(4) Mid-Strength	(2) Moderate	(3) Potent

eTable 3. Final list of Topical Corticosteroid Potency Classifications (continued).

ATC	Corticosteroid	Vehicle	Concentration	US Classification (7-Category)	Cochrane Review (4-Category)	ATC Classification (4-Category)
PREDNISOLONE D07AA03	PREDNISOLONE	N.R	N.R	(7) Least Potent		(1) Weak
	PREDNISOLONE VALERATE ACETATE	N.R	0.3%	(4) Mid-Strength	(2) Moderate	(1) Weak
		SPRAY	0.2%	(4) Mid-Strength		(2) Moderate
		CREAM	0.025%	(6) Mild		(2) Moderate
		CREAM	0.1%	(5) Lower Mid-Strength		(2) Moderate
		CREAM	0.5%	(3) Upper Mid-Strength		(2) Moderate
	TRIAMCINOLONE ACETONIDE	LOTION	0.025%	(6) Mild		(2) Moderate
		LOTION	0.1%	(5) Lower Mid-Strength		(2) Moderate
TRIAMCINOLONE D07AB09		OINTMENT	0.025%	(5) Lower Mid-Strength		(2) Moderate
		OINTMENT	0.05%	(4) Mid-Strength		(2) Moderate
		OINTMENT	0.1%	(4) Mid-Strength	(3) Potent	(2) Moderate
		OINTMENT	0.5%	(3) Upper Mid-Strength		(2) Moderate
		SOLUTION	0.01%	(6) Mild		(2) Moderate
	TRIAMCINOLONE	SPRAY	0.1%	(4) Mid-Strength		(2) Moderate
		CREAM	0.1%	(5) Lower Mid-Strength	(3) Potent	(2) Moderate
		OINTMENT	0.1%	(4) Mid-Strength	(3) Potent	(2) Moderate
ULOBETASOL D07AC21	ULOBETASOL	AEROSOL FOAM	0.05%	(1) Super Potent		(3) Potent
	HALOBETASOL PROPIONATE	CREAM	0.05%	(1) Super Potent	(4) Very Potent	(3) Potent
		LOTION	0.01%	(2) Potent		(3) Potent
		LOTION	0.05%	(1) Super Potent		(3) Potent
		OINTMENT	0.05%	(1) Super Potent		(3) Potent
ATC N.R	TRALONIDE	OINTMENT	0.025%	(4) Mid-Strength	(3) Potent	

Abbreviation: N.R, Not Reported

eFigure 1. Flowchart Outlining the Process of Developing a TCS List and Assigning a 7-Category Potency Classification Based on the US System

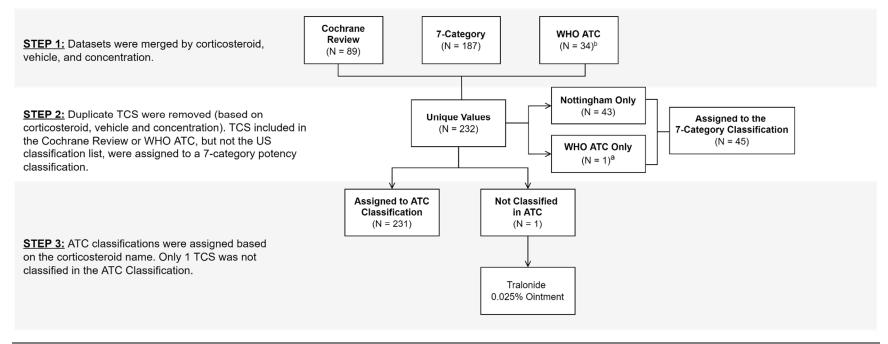


^aCited by Mikhail & Scheinfeld (2004)

^bAvailable from: https://www.formulary.health.gov.on.ca/formulary/; these TCS formulations were not included in any of the other potency sources and manually assigned to a potency category.

^cThe complete list of manual changes is shown in eTable1.

eFigure 2. Flowchart of the Process of Assigning the ATC Classifications to the Combined List of TCSs



^aWe included 2 additional TCS identified in the literature that corresponded to the ATC classification; these were manually assigned to a 7-category classification.

^bWe excluded ATC corticosteroids that were never marketed (Fluperolone) and those not indicated for the treatment of inflammatory dermatological diseases (Budesonide, Fluorometholone, Difluprednate).

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