Evidence Table E1. Articles/arms for class RETINOID (TOPICAL).

Comp-Trial		TARGET HEADING			COMPARATOR			Outcome Table(s)
		Treatment	Dose, route, frequency	*Comments, ancillary treatment*	Treatment	Dose, route, frequency	*Comments, ancillary treatment*	
E.01.01	**78**	**Adapalene**	0.3 % topical qhs.		**Adapalene**	0.1 % topical qhs.		Continuous
	92	**Adapalene**	5 mg topical qd.		**Adapalene**	5 mg topical qd.	*Waited 20-30 min after washing to apply gel. Cetaphil® gentle cleaning bar.*	Continuous
	338	**Adapalene**	0.03 % topical qhs.	*Synthetic naphthoic acid derivative.*	**Adapalene**	0.1 % topical qhs.	*Synthetic naphthoic acid derivative.*	Continuous Discrete
E.01.02	**49**	**Adapalene**	0.1 % topical qhs.	*To dry skin.*	**Tretinoin**	0.025 % topical qhs.	*To dry skin.*	Discrete
	63	**Adapalene**	0.1 % topical qhs.	*Normal washing and moisturizer, if required.*	**Tretinoin**	0.025 % topical qhs.	*Normal washing and moisturizer, if required.*	Discrete
	78	**Adapalene**	0.1 % topical qhs.		**Tretinoin**	0.025 % topical qhs.	*1 hour before bedtime for 12 weeks.*	Continuous
		Adapalene	0.3 % topical qhs.		**Tretinoin**	0.025 % topical qhs.	*1 hour before bedtime for 12 weeks.*	Continuous
	80	**Adapalene**	0.1 % topical qhs.		**Tretinoin**	0.025 % topical qhs.		Continuous Discrete
	93	**Adapalene**	0.1 % topical qd.		**Tretinoin**	0.025 % topical qd.		Continuous Discrete
	100	**Adapalene**	0.1 % topical qhs.		**Tretinoin**	0.025 % topical qhs.		Continuous Discrete
	119	**Adapalene**	0.1 % topical qd.	*Under a nonporous adhesive bandage, applied to back at the same site each day (patch test).*	**Tretinoin**	0.1 % topical qd.	*Same.*	Continuous (M) Discrete
	120	**Adapalene**	0.1 % topical qd.	*Under a nonporous adhesive bandage, applied to back at the same site each day (patch test).*	**Tretinoin**	0.1 % topical qd.	*Same.*	Continuous (M) Discrete
	140	**Adapalene**	0.1 % topical qhs.	*Apply thin layer 15 min after washing and one hour before bed.*	**Tretinoin**	0.025 % topical qhs.	*Apply thin layer 15 min after washing and one hour before bedtime; purchased commercially and relabeled.*	Continuous Discrete
	306	**Adapalene**	0.01 % topical qhs.		**Tretinoin**	0.025 % topical qhs.		Continuous Discrete

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Comp-Trial		TARGET HEADING			COMPARATOR			Outcome Table(s)
		Treatment	Dose, route, frequency	*Comments, ancillary treatment*	Treatment	Dose, route, frequency	*Comments, ancillary treatment*	
E.01.02	**338**	**Adapalene**	0.1 % topical qhs.	*Synthetic naphthoic acid derivative.*	**Tretinoin**	0.25 % topical qhs.		Continuous Discrete
		Adapalene	0.03 % topical qhs.	*Synthetic naphthoic acid derivative.*	**Tretinoin**	0.25 % topical qhs.		Continuous Discrete
E.02.01	**54**	**Isotretinoin**	0.05 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
	173	**Isotretinoin**	0.05 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
	202	**Isotretinoin**	0.1 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
		Isotretinoin	0.5 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
E.02.02	**173**	**Isotretinoin**	0.05 % topical bid.		**Benzoyl peroxide**	5 % topical bid.		Continuous Discrete
E.02.03	**202**	**Isotretinoin**	0.5 % topical bid.		**Isotretinoin**	0.1 % topical bid.		Continuous Discrete
E.02.04	**90**	**Isotretinoin**	0.05 % topical qhs.		**Tretinoin**	0.05 % topical qhs.		Continuous Discrete
	98	**Isotretinoin**	0.05 % topical bid.	*Began qhs and advanced to bid. Mild soap, avoid irritants, use sunblock.*	**Tretinoin**	0.05 % topical bid.	*Began qhs and advanced to bid. Mild soap, avoid irritants, use sunblock.*	Continuous Discrete
E.03.01	**60**	**Motretinide**	0.1 % topical bid.		**Vehicle**	No dose information		Discrete
	61	**Motretinide**	0.1 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
E.03.02	**253**	**Motretinide**	0.1 % topical bid.		**Motretinide**	0.1 % topical qd.		Continuous Discrete
E.03.03	**59**	**Motretinide**	0.1 % topical bid.		**Tretinoin**	0.05 % topical bid.		Continuous Discrete
	60	**Motretinide**	0.1 % topical bid.		**Tretinoin**	0.05 % topical bid.		Discrete
	253	**Motretinide**	0.1 % topical bid.		**Tretinoin**	0.05 % topical qd.		Continuous Discrete
		Motretinide	0.1 % topical qd.		**Tretinoin**	0.05 % topical qd.		Continuous

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Comp-Trial		TARGET HEADING Treatment	Dose, route, frequency	*Comments, ancillary treatment*	COMPARATOR Treatment	Dose, route, frequency	*Comments, ancillary treatment*	Outcome Table(s)
								Discrete
E.04.01	**145**	**Retinyl beta-glucuronide**	1.2 % topical bid.	*Water soluble endogenous metabolite of vitamin A. Pre-Sun® 29 sunscreen.*	**Vehicle**	No dose information	*Pre-Sun® 29 sunscreen.*	Continuous Discrete
E.04.02	**146**	**Retinyl beta-glucuronide**	0.24 % topical qd.	*0.16% for 10 weeks, 0.24% for 12 weeks, then 0.32% for 4 weeks. Pre-Sun® 29 sunscreen.*	**Tretinoin**	0.1 % topical qd.	*Pre-Sun® 29 sunscreen.*	Continuous Discrete
E.05.01	**58**	**Tretinoin**	0.02 % topical bid.	*Frequency varied if irritated.*	**Vehicle**	No dose information		Continuous Discrete
		Tretinoin	0.05 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
	60	**Tretinoin**	0.05 % topical bid.		**Vehicle**	No dose information		Discrete
	119	**Tretinoin**	0.05 % topical qd.	*Same.*	**Petrolatum**	No dose information	*Same.*	Continuous (M) Discrete
	120	**Tretinoin**	0.025 % topical qd.	*Same.*	**Petrolatum**	No dose information	*Same.*	Continuous (M) Discrete
	198	**Tretinoin**	0.025 % topical qd.	*Qd or bid x 6 weeks then reduced to alternate days as tolerated; 0.7cc per swab.*	**Vehicle**	0.7 cc topical qd.	*Qd or bid then reduced to alternate days, as tolerated.*	Continuous Discrete
		Tretinoin	0.05 % topical qd.	*Qd or bid x 6 weeks then reduced to alternate days as tolerated; 0.7cc per swab.*	**Vehicle**	0.7 cc topical qd.	*Qd or bid then reduced to alternate days, as tolerated.*	Continuous Discrete
	219	**Tretinoin**	0.025 % topical qhs.	*1/2 inch ribbon. Purpose® soap.*	**Polyoprepolymer-2**	0.5 inch topical qhs.	*Purpose® soap.*	Continuous Discrete
		Polyoprepolymer-2	No dose information.	*1/2 inch ribbon. Purpose® soap.*	**Polyoprepolymer-2**	0.5 inch topical qhs.	*Purpose® soap.*	Continuous Discrete
		Tretinoin	0.025 % topical qhs.					
	220	**Tretinoin**	0.025 % topical qhs.	*Purpose® soap; Durascreen® sunscreen, if needed.*	**Vehicle**	No dose information	*Purpose® soap; Durascreen® sunscreen, if needed.*	Continuous Discrete
		Tretinoin	0.025 % topical qhs.	*Purpose® soap; Durascreen® sunscreen, if needed.*	**Vehicle**	No dose information	*Purpose® soap; Durascreen® sunscreen, if needed.*	Continuous Discrete

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Comp-Trial		TARGET HEADING			COMPARATOR			Outcome Table(s)
		Treatment	Dose, route, frequency	*Comments, ancillary treatment*	Treatment	Dose, route, frequency	*Comments, ancillary treatment*	
E.05.01	**270**	**Tretinoin**	0.05 % topical bid.		**Vehicle**	No dose information		Discrete
E.05.015	**84**	**Tretinoin**	0.05 % topical qd.	*Vehicle ethanol+alpha-toapherolqq.*	**Sulphur** **Resorcinol** **Salicylic acid**	No dose information 3 % topical qd. 3 % topical qd.		Discrete
E.05.02	**38**	**Tretinoin**	0.025 % topical bid.		**Benzoyl peroxide**	5 % topical bid.		Continuous Discrete
	149	**Tretinoin**	0.05 % topical bid.	*Vehicle alcohol.*	**Benzoyl peroxide**	10 % topical bid.		Continuous (M) Discrete
	221	**Tretinoin**	0.1 % topical qd.	*At least once a day then as needed; may be discontinued for few days it irritation.*	**Benzoyl peroxide**	5 % topical qd.		Continuous Discrete
		Tretinoin	0.1 % topical qd.	*At least once a day then as needed; may be discontinued for few days it irritation.*	**Benzoyl peroxide**	5 % topical qd.	*4 weeks 5%; 4 weeks 10%; once or twice/day.*	Continuous Discrete
E.05.04	**188**	**Tretinoin**	0.05 % topical bid.		**Azelaic acid**	20 % topical bid.	*Frequency was qd for first 2 weeks.*	Continuous Discrete
	316	**Vehicle** **Tretinoin**	No dose information. 0.025 % topical qd.		**Glycolic acid** **Azelaic acid**	20 % topical qhs. 20 % topical bid.	*Glycolic acid 15% for first month; glycolic acid at evening.*	Continuous Discrete
E.05.07	**58**	**Tretinoin**	0.02 % topical bid.	*Frequency varied if irritated.*	**Tretinoin**	0.05 % topical bid.		Continuous Discrete
	84	**Tretinoin**	0.05 % topical qd.	*Vehicle ethanol+alpha-toapherolqq.*	**Sulphur** **Resorcinol** **Salicylic acid**	No dose information 3 % topical qd. 3 % topical qd.		Discrete
	119	**Tretinoin**	0.025 % topical qd.	*Same.*	**Tretinoin**	0.01 % topical qd.	*Same.*	Continuous (M) Discrete
	120	**Tretinoin**	0.025 % topical qd.	*Same.*	**Tretinoin**	0.1 % topical qd.	*Same.*	Continuous (M) Discrete
	198	**Tretinoin**	0.025 % topical qd.	*Qd or bid x 6 weeks then reduced to alternate days as tolerated; 0.7cc per swab.*	**Tretinoin**	0.05 % topical qd.	*Qd or bid x 6 weeks then reduced to alternate days as tolerated; 0.7cc per swab.*	Continuous Discrete

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Comp-Trial		TARGET HEADING			COMPARATOR			Outcome Table(s)
		Treatment	Dose, route, frequency	*Comments, ancillary treatment*	Treatment	Dose, route, frequency	*Comments, ancillary treatment*	
E.05.07	**219**	**Polyoprepolymer-2**	No dose information.	*1/2 inch ribbon. Purpose® soap.*	**Tretinoin**	0.025 % topical qhs.	*1/2 inch ribbon. Purpose® soap.*	Continuous Discrete
		Tretinoin	0.025 % topical qhs.					
	220	**Tretinoin**	0.025 % topical qhs.	*Purpose® soap; Durascreen® sunscreen, if needed.*	**Tretinoin**	0.025 % topical qhs.	*Purpose® soap; Durascreen® sunscreen, if needed.*	Continuous Discrete
	302	**Tretinoin**	0.05 % topical qhs.		**Tretinoin**	0.025 % topical qhs.	*Or tretinoin 0.05% ; combined results for acne outcomes.*	Continuous (M) Discrete
E.05.08	**13**	**Tretinoin**	0.025 % topical bid.	*Frequency was qd for fair, sensitive skin or for erythema equivalent to a mild sunburn.*	**Neomycin**	No dose information	*Frequency was qd for fair, sensitive skin or for erythema equivalent to a mild sunburn.*	Continuous Discrete
					Methylprednisolone	No dose information		
E.05.09	**37**	**Tretinoin**	0.025 % topical bid.	*Mild soap.*	**Hydrocortisone**	10 % topical bid.	*Mild soap.*	Continuous Discrete
					Chloramphenicol	10 % topical bid.		
E.06.01	**34**	**Vitamin A**	0.05 % topical bid.		**Vehicle**	No dose information		Discrete
	35	**Vitamin A**	0.05 % topical bid.		**Vehicle**	No dose information		Continuous Discrete
E.06.02	**272**	**Vitamin A**	0.1 % topical (can't say)		**Resorcinol**	3 % topical (can't say)		Continuous
					Sulphur	5 % topical (can't say)		
E.06.03	**57**	**Vitamin A**	0.05 % topical qd.	*First week 2x1 day; 2-7 weeks 1x1 day.*	**Oxytetracycline**	250 mg oral qd.		Discrete
		Placebo	No dose information.		**Vehicle**	No dose information		

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