

Maps of Systematic Reviews on Atopic Eczema

Updated on 15th May 2014 (systematic reviews published between 2000 and 2014)

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Mechanism - Mechanism

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Does "autoreactivity" play a role in atopic dermatitis?	J Allergy Clin Immunol	Tang L	autoreactivity	12/2011	✓				-	

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Epidemiology - Prevalence/ co-morbidity

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Caesarean section delivery and atopic dermatitis - meta analysis	Epidemiology	Panduru M	caesarean	12/2011	✓			✓	E	✓
2012	Investigating international time trends in the incidence and prevalence of atopic eczema 1990-2010: A systematic review of epidemiological studies	PLoS One	Deckers I	geography	05/2010	✓		✓	✓	N	
2011	Allergy and risk of glioma: a meta-analysis	Eur J Neurol	Chen C	brain tumor	10/2009	✓	✓	✓		-	✓
2011	Inverse association between eczema and meningioma: a meta-analysis	Cancer Causes Control	Wang M	brain tumor	10/2009	✓	✓	✓		-	✓
2011	Association between allergies and multiple sclerosis: a systematic review and meta-analysis	Acta Neurol Scand	Monteiro L	multiple sclerosis	07/2009	✓				N	✓
2010	Is atopic disease a risk factor for attention-deficit/hyperactivity disorder? A systematic review	Allergy	Schmitt J	ADHD	02/2010	✓			✓	E G	
2010	The association between atopy and childhood/adolescent leukemia: a meta-analysis	Am J Epidemiol	Linabery AM	leukemia	03/2009	✓		✓		E	✓
2010	Is there a rural/urban gradient in the prevalence of eczema? A systematic review	Br J Dermatol	Schram ME	geography	02/2009	✓	✓			N	✓
2008	Alexithymia and dermatology: the state of the art	Int J Dermatol	Willemsen R	alexithymia	-	✓		✓		-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		geography, prognosis, asthma, food allergy	03/2007	✓	✓	✓	✓	N	
2007	Atopy and risk of brain tumors: a meta-analysis	J Natl Cancer Inst	Linus E	brain tumor	02/2007	✓	✓		✓	-	✓
2007	Risk of developing asthma in young children with atopic eczema: A systematic review	J Allergy Clin Immunol	van der Hulst AE	asthma	01/2006	✓	✓	✓		E G D	
2006	What causes worsening of eczema? A systematic review	Br J Dermatol	Langan SM	seasonality	04/2005	✓				N	

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Epidemiology - Aetiology/ risk factor

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Pet exposure and risk of atopic dermatitis at the pediatric age: a meta-analysis of birth cohort studies	J Allergy Clin Immunol.	Pelucchi C	environmental factor, aeroallergen	-	✓	✓			E	✓
2013	Does early life exposure to antibiotics increase the risk of eczema? A systematic review	Br J Dermatol.	Tsakok T	epidemiology, risk factors	03/2012	✓	✓		✓		
2011	Association between biomarker-quantified antioxidant status during pregnancy and infancy and allergic disease during early childhood: a systematic review	Nutr Rev	Patelarou E	antioxidant	12/2010	✓				E	
2011	Association between domestic mould and mould components, and asthma and allergy in children: A systematic review	Eur Respir J	Tischer C	aeroallergen	07/2010	✓				E	✓
2011	Atopic dermatitis and the hygiene hypothesis revisited	Curr Probl Dermatol	Flohr C	environmental factor, vaccination, antibiotics	06/2010	✓				-	✓
2011	Respiratory and allergic health effects of dampness, mold, and dampness-related agents: a review of the epidemiologic evidence	Environ Health Perspect	Mendell MJ	aeroallergen	11/2009	✓			✓	-	✓
2009	Meta-analysis of genome-wide linkage studies of atopic dermatitis	Dermatitis	Cao Y	gene	12/2008	✓				E	✓
2009	Filaggrin gene defects and risk of developing allergic sensitisation and allergic disorders: systematic review and meta-analysis	BMJ	van den Oord RA	filaggrin	12/2008	✓	✓		✓	N	✓
2009	Meta-analysis of filaggrin polymorphisms in eczema and asthma: robust risk factors in atopic disease	J Allergy Clin Immunol	Rodriguez E	filaggrin	11/2008	✓			✓	-	✓
2008	A bidirectional relationship between psychosocial factors and atopic disorders: a systematic review and meta-analysis	Psychosom Med	Chida Y	psychosocial factor	06/2007	✓			✓	E	✓

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Epidemiology - Aetiology/ risk factor (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2008	Caesarean delivery and risk of atopy and allergic disease: meta-analyses	Clin Exp Allergy	Bager P	caesarean section	05/2007	✓				-	✓
2007	Toward a major risk factor for atopic eczema: meta-analysis of filaggrin polymorphism data	J Allergy Clin Immunol	Baurecht H	filaggrin	04/2007	✓				-	✓
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		aeroallergen, food, environmental factor, infection, psychosocial factor	03/2007	✓	✓	✓	✓	N	
2007	The role of furry pets in eczema: a systematic review	Arch Dermatol	Langan SM	aeroallergen	06/2006	✓				N	✓
2006	What causes worsening of eczema? A systematic review	Br J Dermatol	Langan SM	infection, psychosocial factor, aeroallergen, seasonality	04/2005	✓				N	
2005	Atopic dermatitis and the 'hygiene hypothesis': too clean to be true?	Br J Dermatol	Flohr C	environmental factor, vaccination, antibiotics	08/2004	✓				N	
2004	No epidemiological evidence for infant vaccinations to cause allergic disease	Vaccine	Koppen S	vaccination	03/2003	✓				N	

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Epidemiology - Diagnosis/ evaluation/ disease impact

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2014	How are eczema 'flares' defined? A systematic review and recommendation for future studies	Br J Dermatol	Langan SM	severity & outcome measures	02/2013	✓				-	
2013	Assessment of clinical signs of atopic dermatitis: a systematic review and recommendation	J Allergy Clin Immunol	Schmitt J	diagnosis	10/2012	✓	✓			N	
2012	Prospective registration and outcome-reporting bias in randomized controlled trials of eczema treatments: a systematic review	J Invest Dermatol	Nankervis H	outcome measure	06/2011				✓	-	
2012	How should an incident case of atopic dermatitis be defined? A systematic review of primary prevention studies	J Allergy Clin Immunol	Simpson E	diagnosis	01/2011	✓		✓		N	
2011	Health outcome measures in atopic dermatitis: a systematic review of trends in disease severity and quality-of-life instruments 1985-2010	PLoS One	Rehal B	outcome measure	07/2010	✓	✓		✓	E	
2011	Management of atopic eczema in primary care	SIGN guideline		diagnosis, severity	??/2009	✓	✓	✓	✓	-	
2008	A bidirectional relationship between psychosocial factors and atopic disorders: a systematic review and meta-analysis	Psychosom Med	Chida Y	mental health	06/2007	✓			✓	E	✓
2008	Sleep disruptions in parents of children and adolescents with chronic illnesses: prevalence, causes, and consequences	J Pediatr Psychol	Meltzer LJ	sleep disturbance	06/2007	✓			✓	E	
2008	Diagnostic criteria for atopic dermatitis: a systematic review	Br J Dermatol	Brenninkmeijer EE	diagnosis	06/2007	✓	✓	✓		N	
2008	The socioeconomic impact of atopic dermatitis in the United States: a systematic review	Pediatr Dermatol	Mancini AJ	cost	05/2006	✓	✓	✓	✓	E	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		diagnosis, severity, outcome measure, growth, IgE, cost	03/2007	✓	✓	✓	✓	N	

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Epidemiology - Diagnosis/ evaluation/ disease impact (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2007	What are the best outcome measurements for atopic eczema? A systematic review	J Allergy Clin Immunol	Schmitt J	outcome measure	07/2006	✓	✓			N	
2006	What is meant by a "flare" in atopic dermatitis? A systematic review and proposal	Arch Dermatol	Langan SM	outcome measure	04/2005	✓				N	
2004	How atopic is atopic dermatitis?	J Allergy Clin Immunol	Flohr C	IgE	09/2003	✓				N	✓
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids	Pharmacoeconomics	Schiffner R	outcome measure	10/2002	✓	✓		✓	-	
2003	Measuring atopic dermatitis severity in randomized controlled clinical trials: what exactly are we measuring?	J Invest Dermatol	Charman C	severity	12/2001	✓	✓	✓	✓	E	
2000	Outcome measures of disease severity in atopic eczema	Arch Dermatol	Charman C	severity	04/1999	✓				-	

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Prevention - Maternal diet

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Maternal dietary antigen avoidance during pregnancy or lactation, or both, for preventing or treating atopic disease in the child	Cochrane Database Syst Rev	Kramer MS	maternal diet	06/2012	✓	✓	✓	✓	N	✓
2012	The impact of vitamin D in pregnancy on extraskeletal health in children: A systematic review	Acta Obstet Gynecol Scand	Christesen H	maternal diet	01/2012	✓	✓	✓		E	
2011	The effect of perinatal omega-3 fatty acid supplementation on inflammatory markers and allergic diseases: a systematic review.	BJOG	Klemens CM	maternal diet	10/2010	✓		✓	✓	N	✓
2011	Overview of Reviews The prevention of eczema in infants and children: an overview of Cochrane and non-Cochrane reviews	Evid Based Child Health	Foisy M	maternal diet	08/2010	✓	✓	✓	✓	N	✓
2011	Eczema	Clin Evid	Schmitt J	maternal diet	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		maternal diet	??/2009	✓	✓	✓	✓	-	
2010	Diagnosing and managing common food allergies: a systematic review	JAMA	Chafen JJ	maternal diet	09/2009	✓		✓	✓	E	✓
2010	Prevalence, natural history, diagnosis, and treatment of food allergy: a systematic review of the evidence	Books	Chafen JJ	maternal diet	09/2009	✓	✓	✓	✓	N	✓
2008	Systematic review and evidence-based consensus guideline on prevention of allergy and atopic eczema of the German Network on Allergy Prevention (ABAP)	Minerva Pediatr	Schafer T	maternal diet	02/2005	✓	✓	✓		E G	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		maternal diet	06/2003	✓	✓			E	
2002	Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments	Am J Clin Dermatol	Ernst E	maternal diet	10/2000	✓	✓	✓	✓	-	

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Prevention - Maternal diet (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	maternal diet	12/1999	✓	✓	✓		N	✓

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Prevention - Breastfeeding

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Optimal duration of exclusive breastfeeding	Cochrane Database Syst Rev	Kramer MS	breastfeeding	06/2011	✓	✓	✓	✓	N	✓
2011	Overview of Reviews The prevention of eczema in infants and children: an overview of Cochrane and non-Cochrane reviews	Evid Based Child Health	Foisy M	breastfeeding	08/2010	✓	✓	✓	✓	N	✓
2011	Eczema	Clin Evid	Schmitt J	breastfeeding	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		breastfeeding	??/2009	✓	✓	✓	✓	-	
2010	Diagnosing and managing common food allergies: a systematic review	JAMA	Chafen JJ	breastfeeding	09/2009	✓		✓	✓	E	✓
2010	Prevalence, natural history, diagnosis, and treatment of food allergy: a systematic review of the evidence	Books	Chafen JJ	breastfeeding	09/2009	✓	✓	✓	✓	N	✓
2010	A systematic review of the importance of milk TGF-beta on immunological outcomes in the infant and young child	Pediatr Allergy Immunol	Oddy WH	breastfeeding	10/2007	✓			✓	-	✓
2009	Exclusive breastfeeding and incident atopic dermatitis in childhood: a systematic review and meta-analysis of prospective cohort studies	Br J Dermatol	Yang YW	breastfeeding	05/2008	✓	✓			E	✓
2009	The long-term effects of breastfeeding on asthma and atopic disease	Adv Exp Med Biol	Oddy WH	breastfeeding	03/2006	✓				E	✓
2008	Systematic review and evidence-based consensus guideline on prevention of allergy and atopic eczema of the German Network on Allergy Prevention (ABAP)	Minerva Pediatr	Schafer T	breastfeeding	02/2005	✓	✓	✓		E G	
2007	Breastfeeding and maternal and infant health outcomes in developed countries	Evid Rep Technol Assess (Full Rep)	Ip S	breastfeeding	05/2006	✓		✓	✓	N	✓

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Prevention - Breastfeeding (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2004	The optimal duration of exclusive breastfeeding: a systematic review	Adv Exp Med Biol	Kramer MS	breastfeeding	08/2000	✓	✓	✓	✓	N	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		breastfeeding	06/2003	✓	✓			E	
2001	Breast-feeding and the onset of atopic dermatitis in childhood: a systematic review and meta-analysis of prospective studies	J Am Acad Dermatol	Gdalevich M	breastfeeding	05/2000	✓				E	✓
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	breastfeeding	12/1999	✓	✓	✓		N	✓

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Prevention - Dietary/supplement

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Oral evening primrose oil and borage oil for eczema	Cochrane Database Syst Rev	Bamford JT	Borage Oil, Evening Primrose Oil	08/2012	✓	✓	✓	✓	E	✓
2013	Meta-analysis of probiotics and/or prebiotics for the prevention of eczema.	J Int Med Res.	Dang D	probiotics, prebiotics	03/2013	✓	✓	✓		N	✓
2013	Effect of nutrient supplementation on atopic dermatitis in children: a systematic review of probiotics, prebiotics, formula, and fatty acids.	JAMA Dermatol.	Foolad N	probiotics, prebiotics	08/2012	✓	✓	✓		-	
2012	Dietary supplements for established atopic eczema	Cochrane Database Syst Rev	Bath-Hextall FJ	probiotics, prebiotics, formula, essential fatty acid	07/2012	✓	✓	✓	✓	E	
2012	Preventative effects of probiotics for infantile eczema and atopic eczema: A systematic review	CJEBM	Wang Y	probiotics	02/2012	✓	✓	✓	✓	E	✓
2012	Probiotics supplementation during pregnancy or infancy for the prevention of atopic dermatitis: a meta-analysis	Epidemiology	Pelucchi C	probiotics	10/2011	✓	✓	✓		E	✓
2012	[Meta-analysis of probiotics preventing allergic diseases in infants]	Zhonghua Ke Za Zhi	Er Tang L	probiotics	09/2011	✓		✓	✓	-	✓
2012	Impact of maternal supplementation with probiotics during pregnancy on atopic eczema in childhood--a meta-analysis	Br J Nutr	Doege K	probiotics	06/2009	✓	✓	✓		-	✓
2011	Overview of Reviews The prevention of eczema in infants and children: an overview of Cochrane and non-Cochrane reviews	Evid Based Child Health	Foisy M	formula, delayed introduction, prebiotics, probiotics, essential fatty acid	08/2010	✓	✓	✓	✓	N	✓
2011	Supplementation of infant formula with probiotics and/or prebiotics: A systematic review and comment by the ESPGHAN committee on nutrition	J Pediatr Gastroenterol Nutr	Braegger C	probiotics, prebiotics	01/2010	✓	✓	✓	✓	N	✓

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Prevention - Dietary/supplement (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Atopy risk in infants and children in relation to early exposure to fish, oily fish, or long-chain omega-3 fatty acids: a systematic review	Clin Rev Allergy Immunol	Kremmyda LS	essential fatty acid	12/2009	✓	✓			-	
2011	Eczema	Clin Evid	Schmitt J	probiotics	05/2009	✓	✓			-	
2011	Management of atopic eczema in primary care	SIGN guideline		formula, early introduction, prebiotics, probiotics	??/2009	✓	✓	✓	✓	-	
2010	Nutrition-related health effects of organic foods: a systematic review	Am J Clin Nutr	Dangour AD	organic food	03/2010	✓	✓	✓	✓	-	✓
2010	[Meta analysis of lactic acid bacteria as probiotics for the primary prevention of infantile eczema]	Zhongguo Dang Dai Er Ke Za Zhi	Zhu DL	probiotics	01/2010	✓		✓	✓	E	
2010	Meta-analysis of the evidence for a partially hydrolyzed 100% whey formula for the prevention of allergic diseases	Curr Med Res opin	Szajewska H	formula	09/2009	✓	✓		✓	N	✓
2010	Diagnosing and managing common food allergies: a systematic review	JAMA	Chafen JJ	delayed introduction, probiotics, food restriction	09/2009	✓	✓	✓	✓	N	✓
2010	Prevalence, natural history, diagnosis, and treatment of food allergy: a systematic review of the evidence	Books	Chafen JJ	food restriction	09/2009	✓	✓	✓	✓	N	✓
2010	Partially hydrolyzed 100% whey protein infant formula and reduced risk of atopic dermatitis: a meta-analysis	J Pediatr Gastroenterol Nutr	Alexander DD	formula	04/2009	✓				-	✓
2010	Partially hydrolyzed 100% whey protein infant formula and atopic dermatitis risk reduction: a systematic review of the literature	Nutr Rev	Alexander DD	formula	03/2009	✓	✓	✓	✓	N	
2009	Omega 3 and 6 oils for primary prevention of allergic disease: systematic review and meta-analysis	Allergy	Anandan C	essential fatty acid	12/2008	✓		✓		-	✓

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Prevention - Dietary/supplement (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2008	Meta-analysis of clinical trials of probiotics for prevention and treatment of pediatric atopic dermatitis	J Allergy Clin Immunol	Lee J	probiotics	12/2007	✓	✓	✓		E G	✓
2008	Systematic review and evidence-based consensus guideline on prevention of allergy and atopic eczema of the German Network on Allergy Prevention (ABAP)	Minerva Pediatr	Schafer T	formula, food restriction	02/2005	✓		✓	✓	N	
2007	Probiotics in infants for prevention of allergic disease and food hypersensitivity	Cochrane Database Syst Rev	Osborn DA	probiotics	02/2007	✓	✓	✓	✓	N	✓
2007	The efficacy of amino acid-based formulas in relieving the symptoms of cow's milk allergy: a systematic review	Clin Exp Allergy	Hill DJ	formula	08/2004	✓	✓	✓	✓	N	
2006	Formulas containing hydrolysed protein for prevention of allergy and food intolerance in infants	Cochrane Database Syst Rev	Osborn DA	formula	03/2006	✓	✓	✓	✓	-	✓
2006	Soy formula for prevention of allergy and food intolerance in infants	Cochrane Database Syst Rev	Osborn DA	formula	03/2006	✓	✓	✓	✓	N	✓
2006	Systematic review of the relationship between early introduction of solid foods to infants and the development of allergic disease	Arch Pediatr Adolesc Med	Tarini BA	early introduction	03/2005	✓				N	
2005	Atopic dermatitis and the 'hygiene hypothesis': too clean to be true?	Br J Dermatol	Flohr C	probiotics	08/2004	✓	✓			E	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		food restriction, formula, probiotics	06/2003	✓	✓	✓		N	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	formula, food restriction	12/1999	✓	✓	✓	✓	-	✓

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Prevention - Other prevention

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Eczema	Clin Evid	Schmitt J	aeroallergen reduction	05/2009	✓	✓	✓	✓	-	
2011	BCG vaccination and allergy: a systematic review and meta-analysis	J Allergy Clin Immunol	Arnoldussen D	BCG vaccination	-	✓	✓		✓	N	✓
2008	Systematic review and evidence-based consensus guideline on prevention of allergy and atopic eczema of the German Network on Allergy Prevention (ABAP)	Minerva Pediatr	Schafer T	aeroallergen reduction	02/2005	✓	✓	✓		E G	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		aeroallergen reduction	06/2003	✓	✓			E	

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Topical treatments - Corticosteroid

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	corticosteroid	06/2011	✓	✓	✓	✓	N	✓
2011	A systematic review of tacrolimus ointment compared with corticosteroids in the treatment of atopic dermatitis	Curr Med Res Opin	Svensson A	corticosteroid	02/2010	✓	✓	✓		N	✓
2011	Efficacy and tolerability of proactive treatment with topical corticosteroids and calcineurin inhibitors for atopic eczema: systematic review and meta-analysis of randomized controlled trials	Br J Dermatol	Schmitt J	corticosteroid	08/2009	✓		✓		N	✓
2011	Eczema	Clin Evid	Schmitt J	corticosteroid	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		corticosteroid, frequency, proactive, safety	??/2009	✓	✓	✓	✓	-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		corticosteroid, frequency, stepped approach	03/2007	✓	✓	✓	✓	N	
2007	A systematic review of the safety of topical therapies for atopic dermatitis	Br J Dermatol	Callen J	corticosteroid	09/2005	✓	✓	✓	✓	E	
2005	Topical corticosteroids for atopic eczema: clinical and cost effectiveness of once-daily vs. more frequent use	Br J Dermatol	Green C	frequency	10/2003	✓	✓	✓	✓	E	✓
2004	Clinical and cost-effectiveness of once-daily versus more frequent use of same potency topical corticosteroids for atopic eczema: a systematic review and economic evaluation	Health Technol Assess	Green C	frequency	10/2003	✓	✓	✓	✓	E	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		corticosteroid, frequency, proactive, safety	06/2003	✓	✓			E	
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids	Pharmacoeconomics	Schiffner R	corticosteroid	10/2002	✓	✓		✓	-	

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Topical treatments - Corticosteroid (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	Corticosteroid, frequency	12/1999	✓	✓	✓		N	✓

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Topical treatments - Calcineurin inhibitor

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	tacrolimus, pimecrolimus	06/2011	✓	✓	✓	✓	N	✓
2011	Efficacy and tolerance of tacrolimus and pimecrolimus for atopic dermatitis: A meta-analysis	J Biomed Res	Yin Z	tacrolimus, pimecrolimus	03/2011	✓	✓	✓		E	✓
2011	A systematic review of tacrolimus ointment compared with corticosteroids in the treatment of atopic dermatitis	Curr Med Res Opin	Svensson A	tacrolimus	02/2010	✓	✓	✓		N	✓
2011	Efficacy and tolerability of proactive treatment with topical corticosteroids and calcineurin inhibitors for atopic eczema: systematic review and meta-analysis of randomized controlled trials	Br J Dermatol	Schmitt J	tacrolimus, pimecrolimus	08/2009	✓		✓		N	✓
2011	Eczema	Clin Evid	Schmitt J	tacrolimus, pimecrolimus	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		tacrolimus, pimecrolimus	??/2009	✓	✓	✓	✓	-	
2010	Two topical calcineurin inhibitors for the treatment of atopic dermatitis in pediatric patients: a meta-analysis of randomized clinical trials	J Dermatolog Treat	Chen SL	tacrolimus, pimecrolimus	12/2008	✓	✓	✓	✓	N	✓
2010	An approach to pruritus in atopic dermatitis: a critical systematic review of the tacrolimus ointment literature	J Drugs Dermatol	Fleischer AB Jr	tacrolimus	-	✓				-	
2009	Topical calcineurin inhibitors in atopic dermatitis: a systematic review and meta-analysis	J Dermatol Sci	El-Batawy MM	tacrolimus, pimecrolimus	12/2006	✓				E F G	✓
2008	Meta-analysis of tacrolimus ointment for atopic dermatitis in pediatric patients	Pediatr Dermatol	Yan J	tacrolimus	03/2006	✓	✓	✓	✓	-	✓
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		tacrolimus, pimecrolimus	03/2007	✓	✓	✓	✓	N	

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Topical treatments - Calcineurin inhibitor (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2007	Topical pimecrolimus for eczema	Cochrane Database Syst Rev	Ashcroft DM	pimecrolimus	10/2006	✓	✓	✓		N	✓
2007	Efficacy and tolerability of topical tacrolimus in the treatment of atopic dermatitis: a systematic review of randomized controlled trials	J Clinical Dermatology	Li RX	tacrolimus	??/2006	✓	✓	✓	✓	-	✓
2007	A systematic review of the safety of topical therapies for atopic dermatitis	Br J Dermatol	Callen J	tacrolimus, pimecrolimus	09/2005	✓	✓	✓	✓	E	
2006	Review of pimecrolimus cream 1% for the treatment of mild to moderate atopic dermatitis	Clin Ther	Hebert AA	pimecrolimus	??/2006	✓	✓		✓	-	
2005	Efficacy and tolerability of topical pimecrolimus and tacrolimus in the treatment of atopic dermatitis: meta-analysis of randomised controlled trials	BMJ	Ashcroft DM	tacrolimus, pimecrolimus	12/2004	✓	✓	✓		E	✓
2005	The effectiveness and cost-effectiveness of pimecrolimus and tacrolimus for atopic eczema: a systematic review and economic evaluation	Health Technol Assess	Garside R	tacrolimus, pimecrolimus	07/2003	✓	✓	✓	✓	E	✓
2004	Topical calcineurin inhibitors in the treatment of atopic dermatitis: a meta-analysis of current evidence	Am J Clin Dermatol	Iskedjian M	tacrolimus, pimecrolimus	02/2003	✓	✓	✓		-	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		tacrolimus, pimecrolimus	06/2003	✓	✓			E	
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids	Pharmaco-economics	Schiffner R	tacrolimus, pimecrolimus	10/2002	✓	✓		✓	-	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	tacrolimus, pimecrolimus	12/1999	✓	✓	✓		N	✓

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Topical treatments - Emollient

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	emollient	06/2011	✓	✓	✓	✓	N	✓
2011	Eczema	Clin Evid	Schmitt J	emollient	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		emollient	??/2009	✓	✓	✓	✓	-	
2009	Should we use bath emollients for atopic eczema?	BMJ	Tarr A	bath emollient	-	✓		✓	✓	-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		emollient, bath emollient	03/2007	✓	✓	✓	✓	N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		emollient	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	emollient, bath emollient	12/1999	✓	✓	✓		N	✓

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Topical treatments - Antimicrobial

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Management of atopic eczema in primary care	SIGN guideline		antibiotic+corticosteroid, antiseptic	??/2009	✓	✓	✓	✓	-	
2010	Interventions to reduce Staphylococcus aureus in the management of atopic eczema: an updated Cochrane review	Br J Dermatol	Bath-Hextall F	antibiotics, antibiotic+coritcosteroid, antibacterial fabrics, antibacterial soap, antibacterial bath additives	03/2009	✓	✓	✓		N	✓
2008	Interventions to reduce Staphylococcus aureus in the management of atopic eczema	Cochrane Database Syst Rev	Birnie AJ	antibiotics, antibiotic+coritcosteroid, antibacterial fabrics, antibacterial soap, antibacterial bath additives	03/2008	✓	✓	✓		N	✓
2007	A systematic review of the safety of topical therapies for atopic dermatitis	Br J Dermatol	Callen J	antibiotics, antiseptics	09/2005	✓	✓	✓	✓	E	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		antibiotics, antibiotic+corticosteroid, antiseptic	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	antibitoics, antibiotic+coritcosteroid, antibacterial bath additives	12/1999	✓	✓	✓		N	✓

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Topical treatments - Occlusive therapy

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Management of atopic eczema in primary care	SIGN guideline		occlusive therapy	??/2009	✓	✓	✓	✓	-	
2010	Occlusive therapy in atopic dermatitis: overview	J Dermatolog Treat	Braham SJ	occlusive therapy	02/2009	✓	✓			E	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		occlusive therapy	03/2007	✓	✓	✓	✓	N	
2006	Efficacy and safety of 'wet-wrap' dressings as an intervention treatment in children with severe and/or refractory atopic dermatitis: a critical review of the literature	Br J Dermatol	Devillers AC	occlusive therapy	-	✓				-	

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Topical treatments - Other topical

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	doxepin, disodium cromoglycate	06/2011	✓	✓	✓	✓	N	✓
2010	An evidence-based review of the efficacy of coal tar preparations in the treatment of psoriasis and atopic dermatitis	J Drugs Dermatol	Slutsky JB	coal tar	12/2009	✓		✓		E	
2007	A systematic review of the safety of topical therapies for atopic dermatitis	Br J Dermatol	Callen J	coal tar, doxepin	09/2005	✓	✓	✓	✓	E	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		coal tar, doxepin, PDE inhibitor	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	coal tar, Lithium succinate, disodium cromoglycate, Nedocromil sodium, Doxepin, Tiacrilast, Cyclosporin A, PAF antagonist, salbutamol	12/1999	✓	✓	✓		N	✓

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Systemic treatments - Corticosteroid

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		systemic corticosteroid	03/2007	✓	✓	✓	✓	N	
2007	Systemic treatment of severe atopic eczema: a systematic review	Acta Derm Venereol	Schmitt J	systemic corticosteroid	08/2005	✓		✓		N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		systemic corticosteroid	06/2003	✓	✓			E	

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Systemic treatments - Immune modulator

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Off-label use of azathioprine in dermatology: a systematic review	Arch Dermatol	Schram ME	azathioprine	10/2009	✓	✓	✓		E F G D	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		cyclosporine, azathioprine, methotrexate	03/2007	✓	✓	✓	✓	N	
2007	Systemic treatment of severe atopic eczema: a systematic review	Acta Derm Venereol	Schmitt J	cyclosporine, azathioprine, Mycophenolate mofetile	08/2005	✓		✓		N	
2007	Cyclosporin in the treatment of patients with atopic eczema - a systematic review and meta-analysis	J Eur Acad Dermatol Venereol	Schmitt J	cyclosporine	08/2005	✓		✓		N	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		cyclosporine, azathioprine, methotrexate, Mycophenolate mofetil, oral Elidel	06/2003	✓	✓			E	
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids	Pharmacoeconomics	Schiffner R	cyclosporine	10/2002	✓	✓		✓	-	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	cyclosporine	12/1999	✓	✓	✓		N	✓

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Systemic treatments - Immunotherapy/ desensitisation

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Efficacy of allergen-specific immunotherapy for atopic dermatitis: a systematic review and meta-analysis of randomized controlled trials.	J Allergy Clin Immunol	Bae JM	desensitisation	12/2012	✓	✓		✓	E	✓
2012	Evidences of efficacy of allergen immunotherapy in atopic dermatitis: an updated review	Curr Opin Allergy Clin Immunol	Compalati E	desensitisation	11/2011	✓		✓	✓	N	
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	IFN-g, thymic extracts and derivatives, mepolizumab	06/2011	✓	✓	✓	✓	N	✓
2012	Omalizumab beyond asthma	Allergologia et Immunopathologia	Sanchez J	omalizumab	-	✓	✓		✓	E S P	
2011	SIT beyond respiratory diseases	Ann Allergy Asthma Immunol	Pajno GB	desensitisation	12/2010	✓				E	
2010	Off-label use of efalizumab in dermatology	Expert Review of Dermatology	Schram ME	efalizumab	01/2009	✓	✓	✓		N	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		desensitisation, IFN-g, immunoglobulin	03/2007	✓	✓	✓	✓	N	
2007	Systemic treatment of severe atopic eczema: a systematic review	Acta Derm Venereol	Schmitt J	IFN-g, immunoglobulin, TNF-inhibitor	08/2005	✓		✓		N	
2006	Does allergen-specific immunotherapy represent a therapeutic option for patients with atopic dermatitis?	J Allergy Clin Immunol	Bussmann C	desensitisation	-	✓	✓	✓		-	

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Systemic treatments - Immunotherapy/ desensitisation (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		desensitization, TNF-inhibitor, Ag-Ab complex, IFN-g, immunoglobulin, thymic extracts and derivatives	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	desensitization, Ag-Ab complex, IFN-g, thymic extracts and derivatives, immunoglobulin, Transfer factor	12/1999	✓	✓	✓		N	✓

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Systemic treatments - Antimicrobial

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Management of atopic eczema in primary care	SIGN guideline		oral antibiotics	??/2009	✓	✓	✓	✓	-	
2010	Interventions to reduce Staphylococcus aureus in the management of atopic eczema: an updated Cochrane review	Br J Dermatol	Bath-Hextall F	oral antibiotics	03/2009	✓	✓	✓		N	✓
2008	Interventions to reduce Staphylococcus aureus in the management of atopic eczema	Cochrane Database Syst Rev	Birnie AJ	oral antibiotics	03/2008	✓	✓	✓		N	✓
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		oral antibiotics	03/2007	✓	✓	✓	✓	N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		oral antibiotics	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	oral antibiotics, levamisole	12/1999	✓	✓	✓		N	✓

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Systemic treatments - Anti-histamine/ anti-allergic

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Oral H1 antihistamines as monotherapy for eczema	Cochrane Database Syst Rev	Apfelbacher CJ	antihistamine	-/2012	✓	✓	✓	✓	E	
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	antihistamine, LT inhibitor	06/2011	✓	✓	✓	✓	N	✓
2011	Management of atopic eczema in primary care	SIGN guideline		antihistamine	??/2009	✓	✓	✓	✓	-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		sodium cromoglicate, antihistamine, Ketoftifen	03/2007	✓	✓	✓	✓	N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		antihistamine, LT inhibitor	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	antihistamine, sodium cromoglycate, Ketotifen, suplastast tosilate, nedcromil sodium	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Systemic treatments - Dietary/ supplement

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	probiotics, essential fatty acid	06/2011	✓	✓	✓	✓	N	✓
2012	Dietary supplements for established atopic eczema	Cochrane Database Syst Rev	Bath-Hextall F	vitamin, food restriction, zinc supplement, probiotics, essential fatty acid	07/2010	✓	✓	✓	✓	N	✓
2011	Eczema	Clin Evid	Schmitt J	vitamin, food restriction, zinc supplement, probiotics, essential fatty acid	05/2009	✓	✓	✓	✓	-	
2011	Management of atopic eczema in primary care	SIGN guideline		food restriction, maternal diet, vitamin, zinc, Probiotics	??/2009	✓	✓	✓	✓	-	
2010	Diagnosing and managing common food allergies: a systematic review	JAMA	Chafen JJ	food restriction	09/2009	✓		✓	✓	E	✓
2010	Prevalence, natural history, diagnosis, and treatment of food allergy: a systematic review of the evidence	Books	Chafen JJ	maternal diet, food restriction	09/2009	✓	✓	✓	✓	N	✓
2009	Probiotics for the treatment of eczema: a systematic review	Clin Exp Allergy	Boyle RJ	probiotic	04/2008	✓	✓	✓	✓	N	✓
2009	Dietary exclusions for improving established atopic eczema in adults and children: systematic review	Allergy	Bath-Hextall F	formula, food restriction	03/2006	✓	✓	✓	✓	-	✓
2008	Probiotics for treating eczema	Cochrane Database Syst Rev	Boyle RJ	probiotic	04/2008	✓	✓	✓	✓	N	✓
2008	Efficacy of probiotics in the treatment of pediatric atopic dermatitis: a meta-analysis of randomized controlled trials	Ann Allergy Asthma Immunol	Michail SK	probiotic	01/2008	✓	✓	✓	✓	-	✓
2008	Meta-analysis of clinical trials of probiotics for prevention and treatment of pediatric atopic dermatitis	J Allergy Clin Immunol	Lee J	probiotics	12/2007	✓		✓		-	✓

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Systemic treatments - Dietary/ supplement (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2008	Dietary exclusions for established atopic eczema	Cochrane Database Syst Rev	Bath-Hextall F	formula, food restriction	03/2006	✓	✓	✓	✓	N	✓
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		food restriction, maternal diet, vitamin, zinc, Probiotics, essential fatty acid	03/2007	✓	✓	✓	✓	N	
2006	What causes worsening of eczema? A systematic review	Br J Dermatol	Langan SM	food restriction	04/2005	✓				N	
2005	Atopic dermatitis and the 'hygiene hypothesis': too clean to be true?	Br J Dermatol	Flohr C	probiotics	08/2004	✓				N	
2004	Dietary treatment of childhood atopic eczema/dermatitis syndrome (AEDS)	Allergy	Fiocchi A	maternal diet, food restriction	10/2003	✓				N	✓
2004	Oral essential fatty acid supplementation in atopic dermatitis-a meta-analysis of placebo-controlled trials	Br J Dermatol	van Gool CJ	essential fatty acid	04/2002	✓	✓	✓		N	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		dietary restriction, essential fatty acid, vitamin, zinc supplement, probiotics	06/2003	✓	✓			E	
2002	Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments	Am J Clin Dermatol	Ernst E	maternal diet, food restriction, vitamin	10/2000	✓	✓	✓	✓	-	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	dietary restriction, essential fatty acid, vitamin, zinc supplement	12/1999	✓	✓	✓		N	✓

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Systemic treatments - Other systemic

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		Mycobacterium vaccae	03/2007	✓	✓	✓	✓	N	
2005	Atopic dermatitis and the 'hygiene hypothesis': too clean to be true?	Br J Dermatol	Flohr C	Mycobacterium vaccae	08/2004	✓				N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		theophylline, papverine	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	nitrazepam, ranitidine, theophylline, salbutamol, papaverine	12/1999	✓	✓	✓		N	✓

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Other treatments - Phototherapy

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2014	Efficacy and safety of systemic treatments for moderate-to-severe atopic dermatitis: A systematic review.	The Journal of allergy and clinical immunology	Roekevisch E	cyclosporine, azathioprine, methotrexate	06/2012	✓	✓		✓	N	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		narrowband UVB, PUVA	03/2007	✓	✓	✓	✓	N	
2007	Phototherapy in the management of atopic dermatitis: a systematic review	Photodermatol Photoimmunol Photomed	Meduri NB	UVA, narrowband UVB, UVA+B	05/2006	✓		✓		E	
2005	Narrowband UVB phototherapy in skin conditions beyond psoriasis	J Am Acad Dermatol	Gambichler T	narrowband UVB	06/2004	✓				-	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		PUVA, UVA, UVA+B, narrowband UVB	06/2003	✓	✓			E	
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids	Pharmacoeconomics	Schiffner R	UVA+B, narrowband UVB	10/2002	✓	✓		✓	-	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	UVA, UVA+B, narrowband UVB, PUVA	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Other treatments - Psychological/ education

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2014	Photo(chemo)therapy in the management of atopic dermatitis: an updated systematic review with implications for practice and research	Br J Dermatol.	Garritsen FM	UVA, narrowband UVB, UVA+B, PUVA	10/2012	✓	✓		✓	N	
2011	Management of atopic eczema in primary care	SIGN guideline		psychological intervention, education	??/2009	✓	✓	✓	✓	-	
2011	Patient education in chronic skin diseases: a systematic review	Acta Derm Venereol	de Bes J	education	09/2008	✓	✓			E G D	
2010	Patient and parental education programs for atopic neurodermatitis. Evidence-based literature review on their effectiveness in the rehabilitation of children and adolescents with atopic dermatitis	Monatsschrift fur Kinderheilkunde	Ahnert J	education	-	✓		✓	✓	E G	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		behavioral therapy, education,	03/2007	✓	✓	✓	✓	N	
2007	The effects of psychological intervention on atopic dermatitis. A systematic review and meta-analysis	Int Arch Allergy Immunol	Chida Y	psychological intervention	12/2006	✓		✓	✓	E	✓
2007	Psychological and educational interventions for atopic eczema in children	Cochrane Database Syst Rev	Ersner SJ	psychological intervention, education	01/2005	✓	✓	✓	✓	N	
2006	Nurse-led clinics reduce severity of childhood atopic eczema: a review of the literature	Br J Dermatol	Moore E	nurse-led clinic	12/2005	✓	✓	✓	✓	E	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		psychological intervention, education	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	psychological intervention, education	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Other treatments - Environmental control

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2011	Management of atopic eczema in primary care	SIGN guideline		aeroallergen reduction	??/2009	✓	✓	✓	✓	-	
2008	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		aeroallergen reduction	03/2007	✓	✓	✓	✓	N	
2006	What causes worsening of eczema? A systematic review	Br J Dermatol	Langan SM	aeroallergen reduction	04/2005	✓				N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		aeroallergen reduction, detergent enzyme reduction	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	aeroallergen reduction, detergent enzyme reduction	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Other treatments - Clothing

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Functional textiles for atopic dermatitis: a systematic review and meta-analysis.	Pediatr Allergy Immunol.	Lopes C	textile	-	✓		✓	✓	-	✓
2011	Management of atopic eczema in primary care	SIGN guideline		special clothing, textile	??/2009	✓	✓	✓	✓	-	
2011	Interventions to reduce Staphylococcus aureus in the management of atopic eczema: an updated Cochrane review	Br J Dermatol	Bath-Hextall F	textile	03/2009	✓	✓	✓		N	✓
2009	A case report and critical appraisal of the literature on the use of DermaSilk in children with atopic dermatitis	Clin Exp Dermatol	Vlachou C	textile	06/2008	✓	✓	✓		-	
2008	Interventions to reduce Staphylococcus aureus in the management of atopic eczema	Cochrane Database Syst Rev	Birnie AJ	textile	03/2008	✓	✓	✓		N	✓
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		special clothing	06/2003	✓	✓			E	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	textile	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Other treatments - Chinese herb

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2013	Chinese herbal medicine for atopic dermatitis: a systematic review	J Am Acad Dermatol	Tan HY	Chinese herb	??/2011	✓	✓	✓		E C	✓
2013	Chinese herbal medicine for atopic eczema.	Cochrane Database of Systematic Reviews	Gu S	Chinese herb	09/2012	✓	✓	✓	✓	N	✓
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	Chinese herb	06/2011	✓	✓	✓	✓	N	✓
2011	Chinese herbal medicine research in eczema treatment	Chin Med	Hon KL	Chinese herb	12/2010	✓		✓		-	
2011	Management of atopic eczema in primary care	SIGN guideline		Chinese herb	??/2009	✓	✓	✓	✓	-	
2010	Botanicals in dermatology: an evidence-based review	Am J Clin Dermatol	Reuter J	Chinese herb	03/2010	✓				-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		Chinese herb	03/2007	✓	✓	✓	✓	N	
2007	Systemic treatment of severe atopic eczema: a systematic review	Acta Derm Venereol	Schmitt J	Chinese herb	08/2005	✓		✓		N	
2005	Chinese herbal medicine for atopic eczema	Cochrane Database Syst Rev	Zhang W	Chinese herb	01/2004	✓	✓	✓	✓	N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		Chinese herb	06/2003	✓	✓			E	
2002	Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments	Am J Clin Dermatol	Ernst E	Chinese herb	10/2000	✓	✓	✓	✓	-	
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	Chinese herb	12/1999	✓	✓	✓		N	✓

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Other treatments - Complementary/ alternative

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2012	Homeopathy for eczema: a systematic review of controlled clinical trials	Br J Dermatol	Ernst E	homeopathy	02/2012	✓	✓	✓		N	
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis	Acta Derm Venereol	Sher L	evening primrose oil, aromatherapy	06/2011	✓	✓	✓	✓	N	✓
2011	Homoeopathic remedies in dermatology: A systematic review of controlled clinical trials	Br J Dermatol	Simonart T	homeopathy	04/2011	✓			✓	N	
2011	Management of atopic eczema in primary care	SIGN guideline		homeopathy, salt bath, acupuncture, reflexology	??/2009	✓	✓	✓	✓	-	
2010	Botanicals in dermatology: an evidence-based review	Am J Clin Dermatol	Reuter J	borage oil, St. john wort, other botanicals	03/2010	✓				-	
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years	NICE guideline		evening primrose oil, homeopathy, massage, hypnotherapy, aromatherapy, honey& beeswax, other botanicals	03/2007	✓	✓	✓	✓	N	
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report	AAD technical report		evening primrose oil, borage oil, salt bath, bioresonance, homeopathy, hypnotherapy/biofeedback, massage	06/2003	✓	✓			E	
2002	Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments	Am J Clin Dermatol	Ernst E	evening primrose oil, borage oil, hypnotherapy, autogenic training	10/2000	✓	✓	✓	✓	-	

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Other treatments - Complementary/ alternative (continued)

Year	Title	Journal	First author	comments	Last Search Date	MEDLINE/PubMed	Embase	Cochrane/CENTRAL	Other databases	Lang. restriction*	Meta-analysis
2000	Systematic review of treatments for atopic eczema	Health Technol Assess	Hoare C	evening primrose oil, borage oil, bioresonance, homeopathy, aromatherapy, hypnotherapy/biofeedback, massage	12/1999	✓	✓	✓		N	✓

* N, no language restriction; C, Chinese; E, English; G, German; D, Dutch; F, French; S, Spanish; P, Portuguese; -, not stated

Full List - All systematic reviews

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
2014	How are eczema 'flares' defined? A systematic review and recommendation for future studies							✓
2014	Efficacy and safety of systemic treatments for moderate-to-severe atopic dermatitis: A systematic review.					✓		
2014	Photo(chemo)therapy in the management of atopic dermatitis: an updated systematic review with implications for practice and research					✓		
2013	Does early life exposure to antibiotics increase the risk of eczema? A systematic review			✓				
2013	Assessment of clinical signs of atopic dermatitis: a systematic review and recommendation							✓
2013	Oral evening primrose oil and borage oil for eczema						✓	
2013	Meta-analysis of probiotics and/or prebiotics for the prevention of eczema.			✓				
2013	Effect of nutrient supplementation on atopic dermatitis in children: a systematic review of probiotics, prebiotics, formula, and fatty acids.						✓	
2013	Efficacy of allergen-specific immunotherapy for atopic dermatitis: a systematic review and meta-analysis of randomized controlled trials.					✓		
2013	Oral H1 antihistamines as monotherapy for eczema						✓	
2013	Functional textiles for atopic dermatitis: a systematic review and meta-analysis.						✓	
2013	Chinese herbal medicine for atopic dermatitis: a systematic review						✓	
2013	Pet exposure and risk of atopic dermatitis at the pediatric age: a meta-analysis of birth cohort studies		✓					
2013	Chinese herbal medicine for atopic eczema.						✓	
2012	Caesarean section delivery and atopic dermatitis - meta analysis		✓					
2012	Investigating international time trends in the incidence and prevalence of atopic eczema 1990-2010: A systematic review of epidemiological studies		✓					
2012	Prospective registration and outcome-reporting bias in randomized controlled trials of eczema treatments: a systematic review							✓
2012	How should an incident case of atopic dermatitis be defined? A systematic review of primary prevention studies			✓				✓
2012	Maternal dietary antigen avoidance during pregnancy or lactation, or both, for preventing or treating atopic disease in the child			✓				
2012	Preventative effects of probiotics for infantile eczema and atopic eczema: A systematic review			✓				
2012	Homeopathy for eczema: a systematic review of controlled clinical trials						✓	

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
2012	The impact of vitamin D in pregnancy on extraskeletal health in children: A systematic review			✓				
2012	Does "autoreactivity" play a role in atopic dermatitis?	✓						
2012	Evidences of efficacy of allergen immunotherapy in atopic dermatitis: an updated review					✓		
2012	Probiotics supplementation during pregnancy or infancy for the prevention of atopic dermatitis: a meta-analysis			✓				
2012	[Meta-analysis of probiotics preventing allergic diseases in infants]			✓				
2012	Relieving the pruritus of atopic dermatitis: a meta-analysis				✓	✓	✓	
2012	Optimal duration of exclusive breastfeeding			✓				
2012	How should an incident case of atopic dermatitis be defined? A systematic review of primary prevention studies		✓					
2012	Dietary supplements for established atopic eczema					✓		
2012	Investigating international time trends in the incidence and prevalence of atopic eczema 1990-2010: A systematic review of epidemiological studies		✓					
2012	Impact of maternal supplementation with probiotics during pregnancy on atopic eczema in childhood--a meta-analysis			✓				
2012	Omalizumab beyond asthma					✓		
2011	Homoeopathic remedies in dermatology: A systematic review of controlled clinical trials						✓	
2011	Efficacy and tolerance of tacrolimus and pimecrolimus for atopic dermatitis: A meta-analysis				✓			
2011	SIT beyond respiratory diseases					✓		
2011	Chinese herbal medicine research in eczema treatment						✓	
2011	Association between biomarker-quantified antioxidant status during pregnancy and infancy and allergic disease during early childhood: a systematic review		✓					
2011	The effect of perinatal omega-3 fatty acid supplementation on inflammatory markers and allergic diseases: a systematic review.			✓				
2011	Overview of Reviews The prevention of eczema in infants and children: an overview of Cochrane and non-Cochrane reviews			✓				
2011	Health outcome measures in atopic dermatitis: a systematic review of trends in disease severity and quality-of-life instruments 1985-2010		✓					
2011	Association between domestic mould and mould components, and asthma and allergy in children: A systematic review		✓					
2011	Atopic dermatitis and the hygiene hypothesis revisited		✓					
2011	A systematic review of tacrolimus ointment compared with corticosteroids in the treatment of atopic dermatitis				✓			
2011	Supplementation of infant formula with probiotics and/or prebiotics: A systematic review and comment by the ESPGHAN committee on nutrition			✓				
2011	Atopy risk in infants and children in relation to early exposure to fish, oily fish, or long-chain omega-3 fatty acids: a systematic			✓				

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
	review							
2011	Respiratory and allergic health effects of dampness, mold, and dampness-related agents: a review of the epidemiologic evidence		✓					
2011	Off-label use of azathioprine in dermatology: a systematic review					✓		
2011	Inverse association between eczema and meningioma: a meta-analysis		✓					
2011	Allergy and risk of glioma: a meta-analysis		✓					
2011	Efficacy and tolerability of proactive treatment with topical corticosteroids and calcineurin inhibitors for atopic eczema: systematic review and meta-analysis of randomized controlled trials				✓			
2011	Association between allergies and multiple sclerosis: a systematic review and meta-analysis		✓					
2011	Eczema			✓	✓	✓		
2011	Management of atopic eczema in primary care		✓	✓	✓	✓	✓	
2011	Patient education in chronic skin diseases: a systematic review						✓	
2011	BCG vaccination and allergy: a systematic review and meta-analysis			✓				
2010	Nutrition-related health effects of organic foods: a systematic review			✓				
2010	Botanicals in dermatology: an evidence-based review						✓	
2010	Is atopic disease a risk factor for attention-deficit/hyperactivity disorder? A systematic review		✓					
2010	[Meta analysis of lactic acid bacteria as probiotics for the primary prevention of infantile eczema]			✓				
2010	An evidence-based review of the efficacy of coal tar preparations in the treatment of psoriasis and atopic dermatitis				✓			
2010	Prevalence, natural history, diagnosis, and treatment of food allergy: a systematic review of the evidence			✓		✓		
2010	Meta-analysis of the evidence for a partially hydrolyzed 100% whey formula for the prevention of allergic diseases			✓				
2010	Diagnosing and managing common food allergies: a systematic review			✓		✓		
2010	Partially hydrolyzed 100% whey protein infant formula and reduced risk of atopic dermatitis: a meta-analysis			✓				
2010	The association between atopy and childhood/adolescent leukemia: a meta-analysis		✓					
2010	Partially hydrolyzed 100% whey protein infant formula and atopic dermatitis risk reduction: a systematic review of the literature			✓				
2010	Interventions to reduce Staphylococcus aureus in the management of atopic eczema: an updated Cochrane review				✓	✓	✓	
2010	Occlusive therapy in atopic dermatitis: overview				✓			
2010	Is there a rural/urban gradient in the prevalence of eczema? A systematic review		✓					

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
2010	Off-label use of efalizumab in dermatology					✓		
2010	Two topical calcineurin inhibitors for the treatment of atopic dermatitis in pediatric patients: a meta-analysis of randomized clinical trials				✓			
2010	A systematic review of the importance of milk TGF-beta on immunological outcomes in the infant and young child			✓				
2010	Patient and parental education programs for atopic neurodermatitis. Evidence-based literature review on their effectiveness in the rehabilitation of children and adolescents with atopic dermatitis						✓	
2010	An approach to pruritus in atopic dermatitis: a critical systematic review of the tacrolimus ointment literature				✓			
2009	Omega 3 and 6 oils for primary prevention of allergic disease: systematic review and meta-analysis			✓				
2009	Meta-analysis of genome-wide linkage studies of atopic dermatitis		✓					
2009	Filaggrin gene defects and risk of developing allergic sensitisation and allergic disorders: systematic review and meta-analysis		✓					
2009	Meta-analysis of filaggrin polymorphisms in eczema and asthma: robust risk factors in atopic disease		✓					
2009	A case report and critical appraisal of the literature on the use of DermaSilk in children with atopic dermatitis						✓	
2009	Exclusive breastfeeding and incident atopic dermatitis in childhood: a systematic review and meta-analysis of prospective cohort studies			✓				
2009	Probiotics for the treatment of eczema: a systematic review					✓		
2009	Topical calcineurin inhibitors in atopic dermatitis: a systematic review and meta-analysis				✓			
2009	The long-term effects of breastfeeding on asthma and atopic disease			✓				
2009	Dietary exclusions for improving established atopic eczema in adults and children: systematic review					✓		
2009	Should we use bath emollients for atopic eczema?				✓			
2008	Probiotics for treating eczema					✓		
2008	Interventions to reduce Staphylococcus aureus in the management of atopic eczema				✓	✓	✓	
2008	Efficacy of probiotics in the treatment of pediatric atopic dermatitis: a meta-analysis of randomized controlled trials					✓		
2008	Meta-analysis of clinical trials of probiotics for prevention and treatment of pediatric atopic dermatitis			✓		✓		
2008	Sleep disruptions in parents of children and adolescents with chronic illnesses: prevalence, causes, and consequences		✓					
2008	Diagnostic criteria for atopic dermatitis: a systematic review		✓					
2008	A bidirectional relationship between psychosocial factors and atopic disorders: a systematic review and meta-analysis		✓					
2008	Caesarean delivery and risk of atopy and allergic disease: meta-		✓					

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
	analyses							
2008	The socioeconomic impact of atopic dermatitis in the United States: a systematic review		✓					
2008	Meta-analysis of tacrolimus ointment for atopic dermatitis in pediatric patients				✓			
2008	Dietary exclusions for established atopic eczema					✓		
2008	Systematic review and evidence-based consensus guideline on prevention of allergy and atopic eczema of the German Network on Allergy Prevention (ABAP)			✓				
2008	Alexithymia and dermatology: the state of the art		✓					
2007	Toward a major risk factor for atopic eczema: meta-analysis of filaggrin polymorphism data		✓					
2007	Atopic Eczema in Children: Management of atopic eczema in children from birth up to the age of 12 years		✓		✓	✓	✓	
2007	Probiotics in infants for prevention of allergic disease and food hypersensitivity			✓				
2007	Prebiotics in infants for prevention of allergic disease and food hypersensitivity			✓				
2007	Atopy and risk of brain tumors: a meta-analysis		✓					
2007	The effects of psychological intervention on atopic dermatitis. A systematic review and meta-analysis						✓	
2007	Topical pimecrolimus for eczema				✓			
2007	What are the best outcome measurements for atopic eczema? A systematic review		✓					
2007	The role of furry pets in eczema: a systematic review		✓					
2007	Phototherapy in the management of atopic dermatitis: a systematic review						✓	
2007	Breastfeeding and maternal and infant health outcomes in developed countries			✓				
2007	Risk of developing asthma in young children with atopic eczema: A systematic review		✓					
2007	Efficacy and tolerability of topical tacrolimus in the treatment of atopic dermatitis: a systematic review of randomized controlled trials				✓			
2007	A systematic review of the safety of topical therapies for atopic dermatitis				✓			
2007	Systemic treatment of severe atopic eczema: a systematic review					✓	✓	
2007	Cyclosporin in the treatment of patients with atopic eczema - a systematic review and meta-analysis					✓		
2007	Psychological and educational interventions for atopic eczema in children						✓	
2007	The efficacy of amino acid-based formulas in relieving the symptoms of cow's milk allergy: a systematic review			✓				
2006	Soy formula for prevention of allergy and food intolerance in infants			✓				
2006	Formulas containing hydrolysed protein for prevention of allergy			✓				

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
	and food intolerance in infants							
2006	Review of pimecrolimus cream 1% for the treatment of mild to moderate atopic dermatitis				✓			
2006	Nurse-led clinics reduce severity of childhood atopic eczema: a review of the literature						✓	
2006	What is meant by a "flare" in atopic dermatitis? A systematic review and proposal		✓					
2006	What causes worsening of eczema? A systematic review		✓			✓	✓	
2006	Systematic review of the relationship between early introduction of solid foods to infants and the development of allergic disease			✓				
2006	Maternal dietary antigen avoidance during pregnancy or lactation, or both, for preventing or treating atopic disease in the child			✓				
2006	Efficacy and safety of 'wet-wrap' dressings as an intervention treatment in children with severe and/or refractory atopic dermatitis: a critical review of the literature				✓			
2006	Does allergen-specific immunotherapy represent a therapeutic option for patients with atopic dermatitis?					✓		
2005	The effectiveness and cost-effectiveness of pimecrolimus and tacrolimus for atopic eczema: a systematic review and economic evaluation				✓			
2005	Efficacy and tolerability of topical pimecrolimus and tacrolimus in the treatment of atopic dermatitis: meta-analysis of randomised controlled trials				✓			
2005	Atopic dermatitis and the 'hygiene hypothesis': too clean to be true?		✓	✓		✓		
2005	Narrowband UVB phototherapy in skin conditions beyond psoriasis						✓	
2005	Chinese herbal medicine research in eczema treatment						✓	
2005	Topical corticosteroids for atopic eczema: clinical and cost effectiveness of once-daily vs. more frequent use				✓			
2004	Dietary treatment of childhood atopic eczema/dermatitis syndrome (AEDS)					✓		
2004	Clinical and cost-effectiveness of once-daily versus more frequent use of same potency topical corticosteroids for atopic eczema: a systematic review and economic evaluation				✓			
2004	How atopic is atopic dermatitis?		✓					
2004	No epidemiological evidence for infant vaccinations to cause allergic disease		✓					
2004	Topical calcineurin inhibitors in the treatment of atopic dermatitis: a meta-analysis of current evidence				✓			
2004	Oral essential fatty acid supplementation in atopic dermatitis-a meta-analysis of placebo-controlled trials					✓		
2004	The optimal duration of exclusive breastfeeding: a systematic review			✓				
2003	AAD Guidelines of Care for Atopic Dermatitis: Technical Report			✓	✓	✓	✓	

Year	Title	Mechanism	Epidemiology	Prevention	Topical treatments	Systemic treatments	Other treatments	Methodology
2003	Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids		✓		✓	✓	✓	
2003	Measuring atopic dermatitis severity in randomized controlled clinical trials: what exactly are we measuring?		✓					
2002	Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments			✓		✓	✓	
2002	Optimal duration of exclusive breastfeeding			✓				
2001	Breast-feeding and the onset of atopic dermatitis in childhood: a systematic review and meta-analysis of prospective studies			✓				
2000	Systematic review of treatments for atopic eczema			✓	✓	✓	✓	
2000	Outcome measures of disease severity in atopic eczema		✓					

Methods

Searched sources

- Ovid MEDLINE (using SIGN* MEDLINE systematic review filter)
- Ovid Embase (using SIGN* Embase systematic review filter)
- PubMed (using PubMed Clinical Queries systematic review filter)
- Cochrane Database of Systematic Reviews
- DARE** (since 2011 updating)
- NHS Evidence (NHS Evidence- skin disorders until 2010 updating)

*SIGN: Scottish Intercollegiate Guidelines Network

**DARE: Database of Abstracts of Reviews of Effects

Identification

A systematic review (SR) was defined from the Glossary of Terms in the Cochrane Collaboration as *“A review of a clearly formulated question that uses systematic and explicit methods to identify, select, and critically appraise relevant research, and to collect and analyse data from the studies that are included in the review. Statistical methods (meta-analysis) may or may not be used to analyse and summarise the results of the included studies.”*

All citations from the searches were hand-searched by a single investigator by reading titles and abstracts to identify SRs, and potential SRs, relevant to atopic eczema.

The following exclusion criteria were used:

- 1) not relevant for the clinical topic
- 2) non-review article
- 3) conference abstract only
- 4) methodology unclear preventing potential replication or validation of results

Reviews that did not name the databases that had been searched or the dates of the search were also excluded. In order to be inclusive, we did not exclude SRs because they had 1) searched a single database, 2) used a single data extractor, 3) applied language restrictions, or 4) were not pre-registered. Clinical guidelines were included if a SR had been carried out and published as part of the production process. The final decision on whether publications were to be included as a SR was made by an expert (Prof Hywel Williams).

Links

Publications

Williams HC, Grindlay DJ. [What's new in atopic eczema? An analysis of the clinical significance of systematic reviews on atopic eczema published in 2006 and 2007](#). *Clin Exp Dermatol*. 2008; 33(6): 685-688.

Williams HC, Grindlay DJ. [What's new in atopic eczema? An analysis of systematic reviews published in 2007 and 2008. Part 1. Definitions, causes and consequences of eczema](#). *Clin Exp Dermatol*. 2010; 35(1): 12-15.

Williams HC, Grindlay DJ. [What's new in atopic eczema? An analysis of systematic reviews published in 2007 and 2008. Part 2. Disease prevention and treatment](#). *Clin Exp Dermatol*. 2010; 35(3): 223-227.

Batchelor JM, Grindlay DJ, Williams HC. [What's new in atopic eczema? An analysis of systematic reviews published in 2008 and 2009](#). *Clin Exp Dermatol*. 2010; 35(8): 823-827

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Websites

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