

# Maps of Systematic Reviews on Acne Vulgaris

This is a mapping by topic of systematic reviews on acne vulgaris published from 1999 onwards -- the last search date for the comprehensive review of management of acne by Lehmann *et al.* (2001). The systematic reviews are those found in the searches for the Annual Evidence Updates on Acne Vulgaris for 2007, 2008, 2009, 2010 and 2011.

## Epidemiology

|                  |      |                                                                                                                                        |
|------------------|------|----------------------------------------------------------------------------------------------------------------------------------------|
| Diet             | 2009 | <a href="#">Diet and acne: a review of the evidence</a>                                                                                |
|                  | 2005 | <a href="#">A systematic review of the evidence for 'myths and misconceptions' in acne management: diet, face-washing and sunlight</a> |
| Hygiene          | 2005 | <a href="#">A systematic review of the evidence for 'myths and misconceptions' in acne management: diet, face-washing and sunlight</a> |
| Sunlight         | 2005 | <a href="#">A systematic review of the evidence for 'myths and misconceptions' in acne management: diet, face-washing and sunlight</a> |
| Outcome measures | 2009 | <a href="#">Outcome measures in acne vulgaris: systematic review</a>                                                                   |

## Topical treatments

|                       |      |                                                                                                                                                                               |
|-----------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topical retinoids     | 2009 | <a href="#">Do topical retinoids cause acne to "flare"?</a>                                                                                                                   |
|                       | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                    |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Topical antibiotics   | 2005 | <a href="#">Treatment of acne with topical antibiotics: lessons from clinical studies</a>                                                                                     |
|                       | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                    |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Antibiotic resistance | 2003 | <a href="#">Is antibiotic resistance in cutaneous propionibacteria clinically relevant? : implications of resistance for acne patients and prescribers</a>                    |
| Azelaic acid          | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                    |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Benzoyl peroxide      | 2010 | <a href="#">Meta-analysis comparing efficacy of benzoyl peroxide, clindamycin, benzoyl peroxide with salicylic acid, and combination benzoyl peroxide/clindamycin in acne</a> |
|                       | 2009 | <a href="#">Advancement in benzoyl peroxide-based acne treatment: methods to increase both efficacy and tolerability</a>                                                      |
|                       | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                    |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Cleansers             | 2005 | <a href="#">A systematic review of the evidence for 'myths and misconceptions' in acne management: diet, face-washing and sunlight</a>                                        |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Dapsone               | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Glycolic acid         |      | None found                                                                                                                                                                    |
| Salicylic acid        | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Sulphur               | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Zinc treatments       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |
| Combination therapies | 2010 | <a href="#">Meta-analysis comparing efficacy of benzoyl peroxide, clindamycin, benzoyl peroxide with salicylic acid, and combination benzoyl peroxide/clindamycin in acne</a> |
|                       | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                    |
|                       | 2001 | <a href="#">Management of acne</a>                                                                                                                                            |

## Systemic treatments

|                        |      |                                                                                                                                                                                                                               |
|------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oral tetracyclines     | 2008 | <a href="#">Efficacy of tetracyclines in the treatment of acne vulgaris: a review</a>                                                                                                                                         |
|                        | 2005 | <a href="#">Safety of doxycycline and minocycline: a systematic review</a>                                                                                                                                                    |
|                        | 2005 | <a href="#">Use of macrolides and tetracyclines for chronic inflammatory diseases</a>                                                                                                                                         |
|                        | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                                                                    |
|                        | 2003 | <a href="#">Minocycline for acne vulgaris: efficacy and safety (Cochrane Review)</a>                                                                                                                                          |
|                        | 2003 | <a href="#">Acne: comparing hormonal approaches to antibiotics and isotretinoin</a>                                                                                                                                           |
|                        | 2001 | <a href="#">Management of acne</a>                                                                                                                                                                                            |
|                        | 2000 | <a href="#">Liver damage associated with minocycline use in acne: a systematic review of the published literature and pharmacovigilance data</a>                                                                              |
|                        | 2000 | <a href="#">Minocycline-induced lupus. A systematic review</a>                                                                                                                                                                |
| Other oral antibiotics | 2005 | <a href="#">Use of macrolides and tetracyclines for chronic inflammatory diseases</a>                                                                                                                                         |
|                        | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                                                                    |
|                        | 2001 | <a href="#">Management of acne</a>                                                                                                                                                                                            |
| Antibiotic resistance  | 2010 | <a href="#">The development of antimicrobial resistance due to the antibiotic treatment of acne vulgaris: a review</a>                                                                                                        |
|                        | 2003 | <a href="#">Is antibiotic resistance in cutaneous propionibacteria clinically relevant? : implications of resistance for acne patients and prescribers</a>                                                                    |
| Isotretinoin           | 2009 | <a href="#">Isotretinoin and psychopathology: a review</a>                                                                                                                                                                    |
|                        | 2005 | <a href="#">Depression and suicidal behavior in acne patients treated with isotretinoin: a systematic review</a> (N.B. This paper was republished unchanged in 2007 in a "best of" compilation in the same journal)           |
|                        | 2005 | <a href="#">Isotretinoin, depression and suicide: a review of the evidence</a>                                                                                                                                                |
|                        | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                                                                    |
|                        | 2003 | <a href="#">Acne: comparing hormonal approaches to antibiotics and isotretinoin</a>                                                                                                                                           |
|                        | 2001 | <a href="#">Management of acne</a>                                                                                                                                                                                            |
|                        | 1999 | <a href="#">The cost-effectiveness of isotretinoin in the treatment of acne. Part 1. A meta-analysis of effectiveness literature</a>                                                                                          |
|                        |      |                                                                                                                                                                                                                               |
| Oral contraceptives    | 2010 | <a href="#">[Hormonal antiandrogens in acne treatment]</a>                                                                                                                                                                    |
|                        | 2009 | <a href="#">Combined oral contraceptive pills for treatment of acne (Cochrane Review)</a>                                                                                                                                     |
|                        | 2007 | <a href="#">Metformin versus oral contraceptive pill in polycystic ovary syndrome: a Cochrane review</a>                                                                                                                      |
|                        | 2007 | <a href="#">Insulin-sensitising drugs versus the combined oral contraceptive pill for hirsutism, acne and risk of diabetes, cardiovascular disease, and endometrial cancer in polycystic ovary syndrome (Cochrane Review)</a> |
|                        | 2004 | <a href="#">Hormonal treatment of acne: review of current best evidence</a>                                                                                                                                                   |
|                        | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                                                                    |
|                        | 2001 | <a href="#">Management of acne</a>                                                                                                                                                                                            |
|                        |      |                                                                                                                                                                                                                               |
| Anti-androgens         | 2010 | <a href="#">[Hormonal antiandrogens in acne treatment]</a>                                                                                                                                                                    |
|                        | 2009 | <a href="#">Spironolactone versus placebo or in combination with steroids for hirsutism and/or acne (Cochrane Review)</a>                                                                                                     |
|                        | 2004 | <a href="#">Hormonal treatment of acne: review of current best evidence</a>                                                                                                                                                   |
|                        | 2004 | <a href="#">Treatment of acne vulgaris</a>                                                                                                                                                                                    |
|                        | 2003 | <a href="#">Acne: comparing hormonal approaches to antibiotics and isotretinoin</a>                                                                                                                                           |
|                        | 2003 | <a href="#">Treatment of acne with antiandrogens – an evidence-based review</a>                                                                                                                                               |
|                        | 2001 | <a href="#">Management of acne</a>                                                                                                                                                                                            |

## Physical therapies

|               |      |                                                                                                                                |
|---------------|------|--------------------------------------------------------------------------------------------------------------------------------|
| Laser therapy | 2009 | <a href="#">Laser and other light therapies for the treatment of acne vulgaris: systematic review</a>                          |
|               | 2008 | <a href="#">Evidence-based review of lasers, light sources and photodynamic therapy in the treatment of acne vulgaris</a>      |
|               | 2001 | <a href="#">Laser resurfacing for facial acne scars</a> (Cochrane Review)                                                      |
|               | 2000 | <a href="#">Laser resurfacing of the skin for the improvement of facial acne scarring: a systematic review of the evidence</a> |
| Light therapy | 2009 | <a href="#">Laser and other light therapies for the treatment of acne vulgaris: systematic review</a>                          |
|               | 2008 | <a href="#">Evidence-based review of lasers, light sources and photodynamic therapy in the treatment of acne vulgaris</a>      |
| PDT           | 2009 | <a href="#">A review of photodynamic therapy (PDT) for the treatment of acne vulgaris</a>                                      |
|               | 2009 | <a href="#">The practicalities of photodynamic therapy in acne vulgaris</a>                                                    |
|               | 2008 | <a href="#">Evidence-based review of lasers, light sources and photodynamic therapy in the treatment of acne vulgaris</a>      |
| Grenz rays    | 2001 | <a href="#">Management of acne</a>                                                                                             |
| Heat therapy  |      | None found                                                                                                                     |

## Complementary and alternative therapies

|               |      |                                                                                                                                                                 |
|---------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Miscellaneous | 2010 | <a href="#">Botanicals in dermatology: an evidence-based review</a>                                                                                             |
|               | 2006 | <a href="#">Topical and oral CAM in acne: a review of the empirical evidence and a consideration of its context</a>                                             |
| Tea tree oil  | 2010 | <a href="#">Botanicals in dermatology: an evidence-based review</a>                                                                                             |
|               | 2006 | <a href="#">Topical and oral CAM in acne: a review of the empirical evidence and a consideration of its context</a>                                             |
|               | 2000 | <a href="#">Tea tree oil: a systematic review of randomized clinical trials</a>                                                                                 |
| Acupuncture   | 2009 | <a href="#">Evaluation of therapeutic effect and safety for clinical randomized and controlled trials of treatment of acne with acupuncture and moxibustion</a> |