

Appendix C1. Citation details of studies from search results excluded

Study ID	Reference	Reason for exclusion
Matsumoto 2013	Matsumoto T, Asakura H, Hayashi T. Does lavender aromatherapy alleviate premenstrual emotional symptoms?: a randomized crossover trial. <i>BioPsychoSocial medicine</i> . 2013;7.	Participants: Study includes a majority of healthy participants, no separate data for eligible participants
Bae 2020	Bae S, Asojo AO. Ambient Scent as a Positive Distraction in Long-Term Care Units: Theory of Supportive Design. <i>Health Environments Research and Design Journal</i> . 2020.	Participants: Study includes only healthy participants
Field 2008	Field T, Field T, Cullen C, Lergie S, Diego M, Schanberg S, et al. Lavender bath oil reduces stress and crying and enhances sleep in very young infants. <i>Early human development</i> . 2008;84(6):399-401.	Participants: Study includes only healthy participants
Gnatta 2011	Gnatta JR, Dornellas EV, da Silva MJP. The use of aromatherapy in alleviating anxiety. <i>Acta paulista de enfermagem</i> . 2011;24(2):257-63.	Participants: Study includes only healthy participants
Hansen 2006	Hansen TM, Hansen B, Ringdal GI. Does aromatherapy massage reduce job-related stress? Results from a randomised, controlled trial. <i>International journal of aromatherapy</i> . 2006;16(2):89-94.	Participants: Study includes only healthy participants
Hsu 2021	Hsu HC, Lin MH, Lee HF, Wu CY, Chou CT, Lin SF. Effects of aromatherapy with essential oil massage on the sleep quality of critical care nurses: a randomized controlled trial. <i>Complementary therapies in clinical practice</i> . 2021;43:101358.	Participants: Study includes only healthy participants
Lee 2017	Lee MK, Lim S, Song JA, Kim ME, Hur MH. The effects of aromatherapy essential oil inhalation on stress, sleep quality and immunity in healthy adults: randomized controlled trial. <i>European journal of integrative medicine</i> . 2017;12:79-86.	Participants: Study includes only healthy participants
Malakouti 2017	Malakouti J, Jabbari F, Asghari-Jafarabadi M, Javadzadeh Y, Farshbaf-Khalili A. The Impact of ginkgo biloba tablet and aromatherapy inhaler combination on sexual function in females during postmenopausal period: a double-Blind randomized controlled trial. <i>International journal of women's health and reproduction sciences</i> . 2017;5(2):129-36.	Participants: Study includes only healthy participants
Post-White 2007	Post-White J, Nichols W. Randomized trial testing of QueaseEase™ essential oil for motion sickness. <i>International journal of essential oil therapeutics</i> . 2007;1(4):158-66.	Participants: Study includes only healthy participants
Protopapa 2001	Protopapa EE, Heliou A, Tsigonia A, Kefala V, Triantafyllou A, Tsaknis J. The antiphlogistic action of the Chios mastic essential oil: treatment of skin irritations resulting from hair epilation and peeling with lotions containing mastic essential oil. <i>Review of clinical pharmacology and pharmacokinetics, international edition</i> . 2001;15(3 SUPPL.):203-5.	Participants: Study includes only healthy participants
Rose 1994	Rose, JE, Behm, FM. Inhalation of vapor from black pepper extract reduces smoking withdrawal symptoms. <i>Drug and Alcohol Dependence</i> 1994;34(3):225-229.	Participants: Study includes only healthy participants
Seyyedrasooli 2020	Seyyedrasooli A, Ghojzadehm M, Goljaryan S, Hosseini MS, Esmaeilnezhad M. The Effect of Sensory Stimulation on Quality of Life of the Elderly and their Self-efficacy for Coping with the Fear of Falling. <i>Iran J Nurs Midwifery Res</i> . 2020;25(5):407-13.	Participants: Study includes only healthy participants
Spector 1993	Spector IP, Carey MP, Jorgensen RS, Meisler AW, Carnrike Jr CLM. Cue-controlled relaxation and 'aromatherapy' in the treatment of speech anxiety. <i>Behavioural psychotherapy</i> . 1993;21(3):239-53.	Participants: Study includes only healthy participants
Ueki 2014	Ueki S, Niinomi K, Takashima Y, Kimura R, Komai K, Murakami K, et al. Effectiveness of aromatherapy in decreasing maternal anxiety for a sick child undergoing infusion in a paediatric clinic. <i>Complementary therapies in medicine</i> . 2014;22(6):1019-26.	Participants: Study includes only healthy participants
Varney 2013	Varney E, Buckle J. Effect of inhaled essential oils on mental exhaustion and moderate burnout: a small pilot study. <i>Journal of alternative and complementary medicine (New York, NY)</i> . 2013;19(1):69-71.	Participants: Study includes only healthy participants
Won 2017	Won SJ, Choi YS. The effect of aromatherapy upon salivary cortisol, academic stress, academic self-efficacy and suicidal ideation in middle school students. <i>Biomedical research (India)</i> . 2017;28(16):7005-11.	Participants: Study includes only healthy participants
Won 2020	Wu CY, Lee HF, Chang CW, Chiang HC, Tsai YH, Liu HE. The immediate effects of lavender aromatherapy massage versus massage in work stress, burnout, and HRV parameters: a randomized controlled trial. <i>Evidence-based complementary and alternative medicine</i> . 2020;2020.	Participants: Study includes only healthy participants
Yi 2008	Yi CH, Du MC, Po EL, Chou CP, Rong YT. The effectiveness of applying aromatherapy to dementia caregivers on decreasing pressures in Taiwan. <i>Macau journal of nursing</i> . 2008;7(1):16-22.	Participants: Study includes only healthy participants
Zamanifar 2020	Zamanifar S, Bagheri-Saveh MI, Nezakati A, Mohammadi R, Seidi J. The Effect of Music Therapy and Aromatherapy with Chamomile-Lavender Essential Oil on the Anxiety of Clinical Nurses: a Randomized and Double-Blind Clinical Trial. <i>Journal of medicine and life</i> . 2020;13(1):87-93.	Participants: Study includes only healthy participants
Arambewela 2010	Arambewela LS, Arawwawala M, Withanage D, Kulathunga S. Efficacy of betel cream on skin ailments. <i>Journal of complementary and integrative medicine</i> . 2010;7(1).	Intervention: Ineligible EO extraction method
Kia 2014	Kia PY, Safajou F, Shahnazi M, Nazemiyeh H. The effect of lemon inhalation aromatherapy on nausea and vomiting of pregnancy: a double-blinded, randomized, controlled clinical trial. <i>Iranian red crescent medical journal</i> . 2014;16(3).	Intervention: Ineligible EO extraction method
Madani 2006	Madani AA, Azadbakht M, Kosarian M, Rabie P, Khalilian AR. Origanum vulgare inhaler in the treatment of chronic rhinosinusitis, a double blind placebo-controlled randomized clinical trial. <i>International journal of biology and biotechnology</i> . 2006;3(3):547-50.	Intervention: Ineligible EO extraction method

Study ID	Reference	Reason for exclusion
Amini 2018	Amini R, Alizadeh F. Investigating musical effects and aromatherapy on anxiety and pain in patients undergoing surgery. <i>Indian journal of forensic medicine and toxicology</i> . 2018;12(4):170-6.	Intervention: Not an essential oil
Barati 2016	Barati F, Nasiri A, Akbari N, Sharifzadeh G. The effect of aromatherapy on anxiety in patients. <i>Nephro-urology monthly</i> . 2016;8(5).	Intervention: Not an essential oil
Dyer 2008	Dyer J, Ashley S, Shaw C. A study to look at the effects of a hydrolat spray on hot flushes in women being treated for breast cancer. <i>Complementary therapies in clinical practice</i> . 2008;14(4):273-9.	Intervention: Not an essential oil
Hasani 2003	Hasani A, Pavia D, Toms N, Dilworth P, Agnew JE. Effect of aromatics on lung mucociliary clearance in patients with chronic airways obstruction. <i>Journal of alternative and complementary medicine (New York, NY)</i> . 2003;9(2):243-9.	Intervention: Not an essential oil
Kaviani 2014	Kaviani M, Maghbool S, Azima S, Tabaei MH. Comparison of the effect of aromatherapy with <i>Jasminum officinale</i> and <i>Salvia officinale</i> on pain severity and labor outcome in nulliparous women. <i>Iran J Nurs Midwifery Res</i> . 2014;19(6):666-72.	Intervention: Not an essential oil
Li 2010	Li L. The effect of Neuragen PN on neuropathic pain: a randomized, double blind, placebo controlled clinical trial. <i>BMC complementary and alternative medicine</i> . 2010;10:22.	Intervention: Not an essential oil
Liu 2015	Liu C, Xie H, Yu Y, Zhang X, Sun Y, Zhou L, et al. Health related management plans improve sleep disorders of patients with chronic liver disease. <i>International journal of clinical and experimental medicine</i> . 2015;8(6):9883-9.	Intervention: Not an essential oil
Schellhammer 2013	Schellhammer F, Ostermann T, Kruger G, Berger B, Heusser P. Good scent in MRI: Can scent management optimize patient tolerance? <i>Acta Radiologica</i> . 2013;54(7):795-9.	Intervention: Not an essential oil
Sites 2014	Sites DS, Johnson NT, Miller JA, Torbush PH, Hardin JS, Knowles SS, et al. Controlled breathing with or without peppermint aromatherapy for postoperative nausea and/or vomiting symptom relief: a randomized controlled trial. <i>Journal of perianesthesia nursing : official journal of the american society of perianesthesia nurses</i> . 2014;29(1):12-9.	Intervention: Not an essential oil
Takahashi 2020	Takahashi Y, Shindo S, Kanbayashi T, Takeshima M, Imanishi A, Mishima K. Examination of the influence of cedar fragrance on cognitive function and behavioral and psychological symptoms of dementia in Alzheimer type dementia. <i>Neuropsychopharmacology reports</i> . 2020;40(1):10-5.	Intervention: Not an essential oil
Togni 2014	Togni S, Maramaldi G, Di Pierro F, Biondi M. A cosmeceutical formulation based on boswellic acids for the treatment of erythematous eczema and psoriasis. <i>Clin Cosmet Investig Dermatol</i> . 2014;7:321-7.	Intervention: Not an essential oil
Tsutsui 2018	Tsutsui Y, Mizuno J, Sunada K. Does the aroma of a patient's preferred dental topical anaesthetic affect anxiety, fear, and autonomic nervous system activity prior to dental local anaesthesia? A randomized trial. <i>Flavour and fragrance journal</i> . 2018;33(6):405-10.	Intervention: Not an essential oil
Vitinius 2014	Vitinius F, Hellmich M, Matthies A, Bornkessel F, Burghart H, Albus C, et al. Feasibility of an interval, inspiration-triggered nocturnal odorant application by a novel device: a patient-blinded, randomised crossover, pilot trial on mood and sleep quality of depressed female inpatients. <i>European archives of oto-rhino-laryngology</i> . 2014;271(9):2443-54.	Intervention: Not an essential oil
Bakhsha 2014	Bakhsha F, Mazandarani M, Aryaei M, Jafari SY, Bayate H. Phytochemical and anti-oxidant activity of <i>Lavandula Angustifolia</i> mill. Essential oil on preoperative anxiety in patients undergoing diagnostic curettage. <i>International journal of women's health and reproduction sciences</i> . 2014;2(4):268-71.	Intervention: Topical application of undiluted essential oil
Buck 1994	Buck DS, Nidorf DM, Addino JG. Comparison of two topical preparations for the treatment of onychomycosis: <i>melaleuca alternifolia</i> (tea tree) oil and clotrimazole. <i>Journal of family practice</i> . 1994;38(6):601-5.	Intervention: Topical application of undiluted essential oil
Dina 2017	Dina A, Gomaa AHA, Mohammed GF, Eyada MMK, El Sweify MA. Evaluation of the therapeutic efficacy of tea tree oil in treatment of onychomycosis. <i>International journal of pharmacognosy and phytochemical research</i> . 2017;9(12):1414-20.	Intervention: Topical application of undiluted essential oil
Khadem 2018	Khadem E, Shirazi M, Janani L, Rahimi R, Amiri P, Ghorat F. Effect of topical chamomile oil on postoperative bowel activity after cesarean section: a randomized controlled trial. <i>Journal of research in pharmacy practice</i> . 2018;7(3):128-35.	Intervention: Topical application of undiluted essential oil
Kianpour 2016	Kianpour M, Mansouri A, Mehrabi T, Asghari G. Effect of lavender scent inhalation on prevention of stress, anxiety and depression in the postpartum period. <i>Iran J Nurs Midwifery Res</i> . 2016;21(2):197-201.	Intervention: Topical application of undiluted essential oil
Mohammed 2021	Mohammed GF. The effectiveness of <i>Cyperus rotundus</i> essential oil in reducing the side effects of laser hair removal. <i>Journal of cosmetic dermatology</i> . 2021.	Intervention: Topical application of undiluted essential oil
Nord 2009	Nord D, Belew J. Effectiveness of the essential oils lavender and ginger in promoting children's comfort in a perianesthesia setting. <i>Journal of perianesthesia nursing : official journal of the american society of perianesthesia nurses</i> . 2009;24(5):307-12.	Intervention: Topical application of undiluted essential oil
Panahi 2014	Panahi Y, Akhavan A, Sahebkar A, Hosseini SM, Taghizadeh M, Akbari H, et al. Investigation of the effectiveness of <i>Syzygium aromaticum</i> , <i>Lavandula angustifolia</i> and <i>Geranium robertianum</i> essential oils in the treatment of acute external otitis: a comparative trial with ciprofloxacin. <i>Wei mian yu gan ran za zhi [Journal of microbiology, immunology, and infection]</i> . 2014;47(3):211-6.	Intervention: Topical application of undiluted essential oil
Samadipour 2020	Samadipour E, Rakhshani MH, Kooshki A, Amin B. Local usage of <i>Nigella sativa</i> oil as an innovative method to attenuate primary dysmenorrhea: a randomized double-blind clinical trial. <i>Oman medical journal</i> . 2020;35(5):1-6.	Intervention: Topical application of undiluted essential oil

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Sasannejad 2012	Sasannejad P, Saeedi M, Shoeibi A, Gorji A, Abbasi M, Foroughipour M. Lavender essential oil in the treatment of migraine headache: a placebo-controlled clinical trial. <i>European neurology</i> . 2012;67(5):288-91.	Intervention: Topical application of undiluted essential oil
Soltani 2013	Soltani R, Soheilipour S, Hajhashemi V, Asghari G, Bagheri M, Molavi M. Evaluation of the effect of aromatherapy with lavender essential oil on post-tonsillectomy pain in pediatric patients: a randomized controlled trial. <i>International journal of pediatric otorhinolaryngology</i> . 2013;77(9):1579-81.	Intervention: Topical application of undiluted essential oil
Stallings Welden 2021	Stallings Welden LM, Leatherland P, Schitter MB, Givens A, Stallings JD. Abdominal Surgical Patients Randomized to Aromatherapy for Pain Management. <i>Journal of perianesthesia nursing : official journal of the American society of perianesthesia nurses</i> . 2021.	Intervention: Topical application of undiluted essential oil
Adel Mehraban 2021	Adel Mehraban MS, Shirzad M, Ahmadian-Attari MM, Shakeri R, Taghizadeh Kashani LM, Tabarraei M, et al. Effect of rose oil on Gastroesophageal Reflux Disease in comparison with omeprazole: a double-blind controlled trial. <i>Complementary therapies in clinical practice</i> . 2021;43:101361.	Intervention: Wrong route of administration
Afrasiabian 2019	Afrasiabian F, Mirabzadeh Ardakani M, Rahmani K, Azadi NA, Alemohammad ZB, Bidaki R, et al. Aloysia citriodora Palau (lemon verbena) for insomnia patients: a randomized, double-blind, placebo-controlled clinical trial of efficacy and safety. <i>Phytotherapy research : PTR</i> . 2019;33(2):350-9.	Intervention: Wrong route of administration
Ahmad 2010	Ahmad J, Ali Khan R, Malik MA. A study of Nigella sativa oil in the management of wheeze associated lower respiratory tract illness in children. <i>African journal of pharmacy and pharmacology</i> . 2010;4(7):436-9.	Intervention: Wrong route of administration
Al Moussawi 2017	Al Moussawi H, Al Khatib M, El Ahmar M, Al Masri H, Leddy A, Akel T, et al. The effect of premedication with peppermint oil capsules (Colpermin) prior to colonoscopy: a double blind randomized placebo-controlled trial. <i>Arab journal of gastroenterology</i> . 2017;(no pagination).	Intervention: Wrong route of administration
Alavian 2020	Alavian SM, Ghorbani A, Roshani M. Analgesic Effect of Ziziphora Tenuior Essential Oil and Lubricant Gel in Patients Referring for Colonoscopy: a Randomized Double-Blind Clinical Trial. <i>Iranian journal of gastroenterology & hepatology (GOVARESH)</i> . 2020;25(1):51-5.	Intervention: Wrong route of administration
Bonfrate 2015	Bonfrate L, Di Gioia MC, Grimaldi M, Fogli MV, Portincasa P. A novel formulation of curcumin and fennel essential oil for treating patients with irritable bowel syndrome. <i>European journal of clinical investigation</i> . 2015;45:39.	Intervention: Wrong route of administration
Caelli 2000	Caelli M, Porteous J, Carson CF, Heller R, Riley TV. Tea tree oil as an alternative topical decolonization agent for methicillin-resistant Staphylococcus aureus. <i>Journal of hospital infection</i> . 2000;46(3):236-7. Caelli M, Riley T. Tea tree oil - an alternative topical decolonisation agent for adult inpatients with methicillin-resistant staphylococcus aureus (MRSA) - a pilot study. <i>J Hosp Infect</i> . 1998;40 Suppl A:9.2.20	Intervention: Wrong route of administration
Chey 2017	Chey WD, Lacy BE, Cash BD, Epstein M, Shah SM. Efficacy of caraway oil/L-menthol plus usual care vs placebo plus usual care, in functional dyspepsia patients with post-prandial distress (PDS) or epigastric pain (EPS) syndromes: results from a US RCT. <i>Gastroenterology</i> . 2017;Conference: Digestive Disease Week 2017, DDW 2017. United States. 152(5 Supplement 1):S307.	Intervention: Wrong route of administration
Duijker 2015	Duijker G, Bertsias A, Symvoulakis EK, Moschandreas J, Malliaraki N, Derdas SP, et al. Reporting effectiveness of an extract of three traditional Cretan herbs on upper respiratory tract infection: Results from a double-blind randomized controlled trial. <i>Journal of Ethnopharmacology</i> . 2015;163:157-66.	Intervention: Wrong route of administration
Duluklu 2019	Duluklu B, Celik SS. Effects of lavender essential oil for colorectal cancer patients with permanent colostomy on elimination of odor, quality of life, and ostomy adjustment: A randomized controlled trial. <i>European Journal of Oncology Nursing</i> . 2019;42:90-6.	Intervention: Wrong route of administration
Durić 2021	Durić K, Kovčić Hadžiabdić S, Durić M, Nikšić H, Uzunović A, Džudžević Čančar H. Efficacy and safety of three plant extracts based formulations of vagitories in the treatment of vaginitis: a randomized controlled trial. <i>Medicinski glasnik : official publication of the Medical Association of Zenica-Doboj Canton, Bosnia and Herzegovina</i> . 2021;18(1):47-54.	Intervention: Wrong route of administration
Engel 2016	Engel MA, Stracke B. Improvement of health-related quality of life in patients with chronic inflammatory bowel disease after 4 weeks of additive treatment with menthacarin-a randomized, placebo-controlled trial. <i>United european gastroenterology journal</i> . 2016;4(5):A618-.	Intervention: Wrong route of administration
Engelstein 1992	Engelstein D, Kahan E, Servadio C. Rowatinex for the treatment of ureterolithiasis. <i>Journal d'urologie</i> . 1992;98(2):98-100.	Intervention: Wrong route of administration

Study ID	Reference	Reason for exclusion
Epstein 2015	<p>Epstein MS, Cash BD, Shah S. Patient satisfaction with IBS symptom relief using a novel peppermint oil delivery system in a randomized clinical trial and by the general patient population. <i>American journal of gastroenterology</i>. 2015;110:S743.</p> <p>Epstein MS, Cash BD, Shah S. Rapid relief of irritable bowel syndrome (IBS) symptoms with targeted delivery of l-menthol to the small intestine: results from 2 clinical trials and a patient survey. <i>American journal of gastroenterology</i>. 2015;110:S741-.</p> <p>Epstein MS, Cash BD, Shah SM. 24-hour results from a placebo-controlled trial, to evaluate a novel peppermint oil delivery system, targeting release in the Small Intestine. results from the U.S. Based, 4-week, randomized, placebo controlled, multi-centered ibsrestTM trial. <i>Gastroenterology</i>. 2015;148(4 SUPPL. 1):S69-S70.</p> <p>Epstein MS, Cash BD, Shah SM. IBS is a syndrome of inter-related symptoms the cause is multi-factorial and its epicenter is the small intestine. A US based, placebo-controlled trial shows that po's targeted delivery provides significant improvement in the syndrome of symptoms. <i>Gastroenterology</i>. 2015;148(4 SUPPL. 1):S488-S9.</p>	Intervention: Wrong route of administration
Federspil 1997	Federspil P, Wulkow R, Zimmermann T. Effects of standardized Myrtol in therapy of acute sinusitis-- results of a double-blind, randomized multicenter study compared with placebo. <i>Laryngo- rhino- otologie</i> . 1997;76(1):23-7.	Intervention: Wrong route of administration
Ferley 1989	Ferley JP, Poutignat N, Zmirou D, Azzopardi Y, Balducci F. Prophylactic aromatherapy for supervening infections in patients with chronic bronchitis. Statistical evaluation conducted in clinics against a placebo. <i>Phytotherapy research : PTR</i> . 1989;3(3):97-100.	Intervention: Wrong route of administration
Giraud-Robert 2005	Giraud-Robert AM. The role of aromatherapy in the treatment of viral hepatitis. <i>The international journal of aromatherapy</i> . 2005;15(4):183-92.	Intervention: Wrong route of administration
Khorshidi 2003	Khorshidi NOSMMSM. Clinical effects of fennel essential oil on primary dysmenorrhea. <i>Iranian journal of pharmaceutical research</i> . 2003;2(2):89-93.	Intervention: Wrong route of administration
Polonini 2020	Polonini H, Mesquita D, Lanine J, Dijkers E, Gkinis S, Raposo NRB, et al. Intranasal use of lavender and fennel decreases salivary cortisol levels and improves quality of sleep: A double-blind randomized clinical trial. <i>European Journal of Integrative Medicine</i> . 2020;34.	Intervention: Wrong route of administration
Prichard 2004	Prichard AJ. The use of essential oils to treat snoring. <i>Phytotherapy research : PTR</i> . 2004;18(9):696-9.	Intervention: Wrong route of administration
Rafie 2016	Rafie S, Namjoyan F, Golfakhrabadi F, Yousefbeyk F, Hassanzadeh A. Effect of lavender essential oil as a prophylactic therapy for migraine: a randomized controlled clinical trial. <i>Journal of herbal medicine</i> . 2016;6(1):18-23.	Intervention: Wrong route of administration
Rafieian-Kopaei 2019	Rafieian-Kopaei M, Hasanpour-Dehkordi A, Lorigooini Z, Deris F, Solati K, Mahdihyeh F. Comparing the effect of intranasal lidocaine 4% with peppermint essential oil drop 1.5% on migraine attacks: a double-blind clinical trial. <i>International journal of preventive medicine</i> . 2019;10(1).	Intervention: Wrong route of administration
Shojaei Shad 2018	Shojaei Shad F, Haghighi MJ. Study of the effect of the essential oil (extract) of rhubarb stem (shoot) on glycosylated hemoglobin and fasting blood glucose levels in patients with type II diabetes. <i>Biomedicine (Taipei)</i> . 2018;8(4):24.	Intervention: Wrong route of administration
Tayarani-Najaran 2013	Tayarani-Najaran Z, Talasaz-Firoozi E, Nasiri R, Jalali N, Hassanzadeh M. Antiemetic activity of volatile oil from <i>Mentha spicata</i> and <i>Mentha × piperita</i> in chemotherapy-induced nausea and vomiting. <i>Ecancermedicalscience</i> . 2013;7:290.	Intervention: Wrong route of administration
Ulfberg 2001	Ulfberg J, Nyström B. Treatment of snorers with a volatile oil: a randomized, double-blind placebo-controlled trial. <i>ORL; journal for oto-rhino-laryngology and its related specialties</i> . 2001;63(5):298-301.	Intervention: Wrong route of administration
Bahr 2018	Bahr T, Allred K, Martinez D, Rodriguez D, Winterton P. Effects of a massage-like essential oil application procedure using Copaiba and Deep Blue oils in individuals with hand arthritis. <i>Complementary Therapies in Clinical Practice</i> . 2018;33:170-6.	Comparator: AT with co-intervention that is not also in a comparator arm
Cheng 2020	Cheng VY, Huang CM, Liao JY, Hsu HP, Wang SW, Huang SF, et al. Combination of 3-Dimensional Virtual Reality and Hands-On Aromatherapy in Improving Institutionalized Older Adults' Psychological Health: quasi-Experimental Study. <i>Journal of medical Internet research</i> . 2020;22(7):e17096-.	Comparator: AT with co-intervention that is not also in a comparator arm
Ilali 2021	Ilali E, Taraghi Z, Jafari-Koulaee A, Elyasi F, Moosazadeh M. Comparison of the effect of multisensory stimulation intervention and aromatherapy inhalation with lavender essence on anxiety and depression in the older adults undergoing hemodialysis. <i>Journal of Nursing and Midwifery Sciences</i> . 2021;8(3):155-62.	Comparator: AT with co-intervention that is not also in a comparator arm
Quick 2019	Quick AM, Hill C, Sinnott L, Thomas K, Lindsay A, Martin DD, et al. The Use of Aromatherapy and Foot Reflexology to Reduce Pain and Anxiety during Brachytherapy for Cervical Cancer. <i>International journal of radiation oncology biology physics</i> . 2019;105(1):E335-.	Comparator: AT with co-intervention that is not also in a comparator arm
Calvert 2005	Calvert I. Ginger: an essential oil for shortening labour? <i>Practising midwife</i> . 2005;8(1):30-4.	Comparator: Head-to-head aromatherapy only comparison
Cameron 2011	Cameron H, du Toit S, Richard G, Bearns L. Using lemon balm oil to reduce aggression and agitation in dementia: results of a pilot study. <i>Journal of dementia care</i> . 2011;19(5):36-8.	Comparator: Head-to-head aromatherapy only comparison
Hamzeh 2020	Hamzeh S, Safari-Faramani R, Khatony A. Effects of Aromatherapy with Lavender and Peppermint Essential Oils on the Sleep Quality of Cancer Patients: a Randomized Controlled Trial. <i>Evidence-based complementary and alternative medicine</i> . 2020;2020.	Comparator: Head-to-head aromatherapy only comparison

Study ID	Reference	Reason for exclusion
Hashempur 2017	Hashempur MH, Ghasemi MS, Daneshfard B, Ghoreishi PS, Lari ZN, Homayouni K, et al. Efficacy of topical chamomile oil for mild and moderate carpal tunnel syndrome: a randomized double-blind placebo-controlled clinical trial. <i>Complementary therapies in clinical practice</i> . 2017;26:61-7.	Comparator: Head-to-head aromatherapy only comparison
Hashempur 2015	Hashempur MH, Lari ZN, Ghoreishi PS, Daneshfard B, Ghasemi MS, Homayouni K, et al. A pilot randomized double-blind placebo-controlled trial on topical chamomile (<i>Matricaria chamomilla</i> L.) oil for severe carpal tunnel syndrome. <i>Complementary therapies in clinical practice</i> . 2015;21(4):223-8.	Comparator: Head-to-head aromatherapy only comparison
Ko 2007	Ko GD, Hum A, Traitses G, Berbrayer D. Effects of topical O24 essential oils on patients with fibromyalgia syndrome: a randomized, placebo controlled pilot study. <i>Journal of musculoskeletal pain</i> . 2007;15(1):11-9.	Comparator: Head-to-head aromatherapy only comparison
Matsumoto 2017	Matsumoto T, Kimura T, Hayashi T. Does Japanese Citrus Fruit Yuzu (<i>Citrus junos</i> Sieb. ex Tanaka) Fragrance Have Lavender-Like Therapeutic Effects That Alleviate Premenstrual Emotional Symptoms? A Single-Blind Randomized Crossover Study. <i>Journal of alternative and complementary medicine (New York, NY)</i> . 2017;23(6):461-70.	Comparator: Head-to-head aromatherapy only comparison
Rutledge 2007	Rutledge DN, Jones CJ. Effects of topical essential oil on exercise volume after a 12-week exercise program for women with fibromyalgia: a pilot study. <i>Journal of alternative and complementary medicine (New York, NY)</i> . 2007;13(10):1099-106.	Comparator: Head-to-head aromatherapy only comparison
Schneider 2019	Schneider R. Seasonal allergic rhinitis is effectively assuaged with an essential oil inhaler (Aromastick®): results from a randomized, controlled, double-blind effectiveness trial. <i>Natural products journal</i> . 2019;9(1):39-46.	Comparator: Head-to-head aromatherapy only comparison
Shirooye 2017	Shirooye P, Hashem-Dabaghian F, Hamzeloo-Moghadam M, Afrakhteh M, Bioos S, Mokaberinejad R. A clinical comparative study of oral and topical ginger on severity and duration of primary dysmenorrhea. <i>Research journal of pharmacognosy</i> . 2017;4(1):23-32.	Comparator: Head-to-head aromatherapy only comparison
Anonymous 2001	Anonymous. Aromatherapy trial. <i>Journal of dementia care</i> . 2001;9(6):38-.	Publication type: Clearly ineligible
Anonymous 2010	Anonymous. Special lavender oil. New phytotherapy anxiolytic drug for sub-syndromal anxiety disorders. <i>MMW fortschritte der medizin</i> . 2010;152(9):86-7.	Publication type: Clearly ineligible
Anonymous 2003	Anonymous. Promising effects of aromatherapy and bright light therapy. <i>Journal of Dementia Care</i> . 2003;11(1):38.	Publication type: Clearly ineligible
Borromeo 1998	Borromeo AR. The effect of aromatherapy on the patient outcomes of anxiety and sleep quality in coronary care unit patients. USA: texas woman's university. 1998.	Publication type: Clearly ineligible
Chopin Lucks 2003	Chopin Lucks B. Vitex agnus castus essential oil and menopausal balance: a research update (<i>Complementary Therapies in Nursing and Midwifery</i> 8 (2003) 148-154). <i>Complementary Therapies in Nursing and Midwifery</i> . 2003;9(3):157-60.	Publication type: Clearly ineligible
Essence 2008	Essence AD. A double blind, placebo controlled trial of aromatherapy using melissa/lavender compared to aricept for the treatment of significant agitation in people with severe dementia. 2008.	Publication type: Clearly ineligible
Hay 1999	Hay IC, Jamieson M, Ormerod AD. Encouraging results regarding the use of essential oils in the treatment of alopecia areata. <i>Focus on Alternative and Complementary Therapies</i> . 1999;4(4):209-10.	Publication type: Clearly ineligible
Baskran 2019	Baskran RNR, Lakshmanan R. Assessment of effect of chamomile oil on dental anxiety for patients undergoing extraction – A randomized controlled trial. <i>Drug invention today</i> . 2019;11(8):1875-9.	Study design: Allocation to treatment groups not randomised
Bastani 2020	Bastani F, Kia PS, Haghani H. Effect of aromatherapy with damask rose (<i>Rosa damascena</i> Mill.) on anxiety in the elderly: Open-labeled quasi-experimental placebo-controlled trial. <i>Iranian Journal of Psychiatry and Behavioral Sciences</i> . 2020;14(4):e58064.	Study design: Allocation to treatment groups not randomised
Bikmoradi 2017	Bikmoradi A, Khaleghverdi M, Seddighi I, Moradkhani S, Soltanian A, Cheraghi F. Effect of inhalation aromatherapy with lavender essence on pain associated with intravenous catheter insertion in preschool children: a quasi-experimental study. <i>Complementary therapies in clinical practice</i> . 2017;28:85-91.	Study design: Allocation to treatment groups not randomised
Bowles 2002	Bowles EJ, Griffiths M, Quirk L, Brownrigg A, Croot K. Effects of essential oils and touch on resistance to nursing care procedures and other dementia-related behaviours in a residential care facility. <i>International Journal of Aromatherapy</i> . 2002;12(1):22-9.	Study design: Allocation to treatment groups not randomised
Gravett 2001	Gravett P. Aromatherapy in the treatment of skin problems developing as a result of high dose chemotherapy. <i>International Journal of Aromatherapy</i> . 2001;10(3-4):132-4.	Study design: Allocation to treatment groups not randomised
Ju 2013	Ju MS, Lee S, Bae I, Hur MH, Seong K, Lee MS. Effects of aroma massage on home blood pressure, ambulatory blood pressure, and sleep quality in middle-aged women with hypertension. <i>Evid Based Complement Alternat Med</i> . 2013;2013:403251.	Study design: Allocation to treatment groups not randomised
Karsten 2020	Karsten M, Prince D, Robinson R, J S-A. Effects of Peppermint Aromatherapy on Postoperative Nausea and Vomiting. <i>Journal of perianesthesia nursing : official journal of the american society of perianesthesia nurses</i> . 2020.	Study design: Allocation to treatment groups not randomised
Kim 2012	Kim IH, Kim C, Seong K, Hur MH, Lim HM, Lee MS. Essential oil inhalation on blood pressure and salivary cortisol levels in prehypertensive and hypertensive subjects. <i>Evidence-based complementary and alternative medicine : eCAM</i> . 2012;2012:984203.	Study design: Allocation to treatment groups not randomised
Lee 2017	Lee YR, Shin HS. Effectiveness of Ginger Essential Oil on Postoperative Nausea and Vomiting in Abdominal Surgery Patients. <i>Journal of alternative and complementary medicine (new york, NY)</i> . 2017;23(3):196-200.	Study design: Allocation to treatment groups not randomised

Study ID	Reference	Reason for exclusion
Prichard 2015	Prichard C, Newcomb P. Benefit to Family Members of Delivering Hand Massage With Essential Oils to Critically Ill Patients. <i>American journal of critical care</i> . 2015;24(5):446-9.	Study design: Allocation to treatment groups not randomised
Rajaraman 2019	Rajaraman V, Nallaswamy D, Ganapathy D, Shubha. Effect of aroma on pain perception and anxiety levels in patients undergoing fixed prosthetic dental treatment in dental clinic - A prospective study. <i>Drug invention today</i> . 2019;11(pp 98-103).	Study design: Allocation to treatment groups not randomised
Rho 2006	Rho KH, Han SH, Kim KS, Lee MS. Effects of aromatherapy massage on anxiety and self-esteem in korean elderly women: a pilot study. <i>International journal of neuroscience</i> . 2006;116(12):1447-55.	Study design: Allocation to treatment groups not randomised
Snow 2004	Snow AL, Hovanec L, Brandt J. A controlled trial of aromatherapy for agitation in nursing home patients with dementia. <i>Journal of Alternative and Complementary Medicine</i> . 2004;10(3):431-7.	Study design: Allocation to treatment groups not randomised
Turten Kaymaz 2017	Turten Kaymaz T, Ozdemir L. Effects of aromatherapy on agitation and related caregiver burden in patients with moderate to severe dementia: a pilot study. <i>Geriatric nursing</i> . 2017;38(3):231-7.	Study design: Allocation to treatment groups not randomised
Wotman 2017	Wotman M, Levinger J, Leung L, Kallush A, Mauer E, Kacker A. The efficacy of lavender aromatherapy in reducing preoperative anxiety in ambulatory surgery patients undergoing procedures in general otolaryngology. <i>Laryngoscope investigative otolaryngology</i> . 2017;2(6):437-41.	Study design: Allocation to treatment groups not randomised
Geiger 2005	Geiger JL. The essential oil of ginger, <i>Zingiber officinale</i> , and anaesthesia. <i>The international journal of aromatherapy</i> . 2005;15(1):7.	Study design: Clearly ineligible
Hudson 1996	Hudson R. NURSING: The value of lavender for rest and activity in the elderly patient. <i>Complementary Therapies in Medicine</i> . 1996;4(1):52-7.	Study design: Clearly ineligible
Hur 2008	Hur MH, Yang YS, Lee MS. Aromatherapy massage affects menopausal symptoms in korean climacteric women: a pilot-controlled clinical trial. <i>Evid Based Complement Alternat Med</i> . 2008;5(3):325-8.	Study design: Clearly ineligible
Imura 2006	Imura M, Misao H, Ushijima H. The psychological effects of aromatherapy-massage in healthy postpartum mothers. <i>Journal of midwifery & women's health</i> . 2006;51(2):e21-7.	Study design: Clearly ineligible
Kim 2011	Kim YJ, Lee MS, Yang YS, Hur MH. Self-aromatherapy massage of the abdomen for the reduction of menstrual pain and anxiety during menstruation in nurses: a placebo-controlled clinical trial. <i>European journal of integrative medicine</i> . 2011;3(3):e165-e8.	Study design: Clearly ineligible
Kirshbaum 1996	Kirshbaum M. Using massage in the relief of lymphoedema. <i>Professional nurse (London, England)</i> . 1996;11(4):230-2.	Study design: Clearly ineligible
Lässig 1990	Lässig W, Graupner I, Leonhardt H, Pommerenke C. Bronchial obstruction, following inhalation of etheric oils. <i>Zeitschrift für klinische medizin</i> . 1990;45(11):969-71.	Study design: Clearly ineligible
Lehrner 2005	Lehrner J, Marwinski G, Lehr S, Jöhren P, Deecke L. Ambient odors of orange and lavender reduce anxiety and improve mood in a dental office. <i>Physiology & behavior</i> . 2005;86(1-2):92-5.	Study design: Clearly ineligible
Okamoto 2005	Okamoto A, Kuriyama H, Watanabe S, Aihara Y, Tadai T, Imanishi J, et al. The effect of aromatherapy massage on mild depression: a pilot study 2. <i>Psychiatry and clinical neurosciences</i> . 2005;59(3):363.	Study design: Clearly ineligible
Shahi 2000	Shahi SK, Shukla AC, Bajaj AK, Banerjee U, Rimek D, Midgely G, et al. Broad spectrum herbal therapy against superficial fungal infections. <i>Skin pharmacology and applied skin physiology</i> . 2000;13(1):60-4.	Study design: Clearly ineligible
Townsend 2014	Townsend CS, Bonham E, Chase L, Dunscomb J, McAlister S. A comparison of still point induction to massage therapy in reducing pain and increasing comfort in chronic pain. <i>Holistic nursing practice</i> . 2014;28(2):78-84.	Study design: Clearly ineligible

Appendix C2. Citation details of studies from submissions

A: not retrieved by search (ineligible: SR or MA) [n=26]

B: duplicate of study retrieved in the search (excluded at title & abstract) [n=24]

C: duplicate of study retrieved in the search (excluded at full-text) [n=4]

D: duplicate of study retrieved in the search (included studies) [n=80]

Reference	Classification
Armstrong M, Flemming K, Kupeli N, et al. Aromatherapy, massage and reflexology: A systematic review and thematic synthesis of the perspectives from people with palliative care needs. <i>Palliative medicine</i> 2019;33(7):757-69. doi: 10.1177/0269216319846440	A: citations not retrieved by search
Asay K, Olson C, Donnelly J, et al. The Use of Aromatherapy in Postoperative Nausea and Vomiting: A Systematic Review. <i>Journal of PeriAnesthesia Nursing</i> 2019;34(3):502-16. doi: 10.1016/j.jopan.2018.08.006	A: citations not retrieved by search
Babakhanian M, Ghazanfarpour M, Kargarfard L, et al. Effect of Aromatherapy on the Treatment of Psychological Symptoms in Postmenopausal and Elderly Women: A Systematic Review and Meta-analysis. <i>Journal of menopausal medicine</i> 2018;24(2):127-32. doi: 10.6118/jmm.2018.24.2.127	A: citations not retrieved by search
Boehm K, Büssing A, Ostermann T. Aromatherapy as an adjuvant treatment in cancer care--a descriptive systematic review. <i>African journal of traditional, complementary, and alternative medicines : AJTCAM</i> 2012;9(4):503-18. doi: 10.4314/ajtcam.v9i4.7	A: citations not retrieved by search
Chen S-F, Wang C-H, Chan P-T, et al. Labour pain control by aromatherapy: A meta-analysis of randomised controlled trials. <i>Women and Birth</i> 2019;32(4):327-35. doi: 10.1016/j.wombi.2018.09.010	A: citations not retrieved by search
Choi J, Lee JA, Alimoradi Z, et al. Aromatherapy for the relief of symptoms in burn patients: A systematic review of randomized controlled trials. <i>Burns</i> 2018;44(6):1395-402. doi: 10.1016/j.burns.2017.10.009	A: citations not retrieved by search
Dimitriou V, Mavridou P, Manataki A, et al. The Use of Aromatherapy for Postoperative Pain Management: A Systematic Review of Randomized Controlled Trials. <i>Journal of PeriAnesthesia Nursing</i> 2017;32(6):530-41. doi: 10.1016/j.jopan.2016.12.003	A: citations not retrieved by search
Forrester LT, Maayan N, Orrell M, et al. Aromatherapy for dementia. <i>Cochrane Database of Systematic Reviews</i> 2014 doi: 10.1002/14651858.cd003150.pub2	A: citations not retrieved by search
Fung JKKM, Tsang HWH, Chung RCK. A systematic review of the use of aromatherapy in treatment of behavioral problems in dementia. <i>Geriatrics & Gerontology International</i> 2012;12(3):372-82. doi: 10.1111/j.1447-0594.2012.00849.x	A: citations not retrieved by search
Gong M, Dong H, Tang Y, et al. Effects of aromatherapy on anxiety: A meta-analysis of randomized controlled trials. <i>Journal of Affective Disorders</i> 2020;274:1028-40. doi: 10.1016/j.jad.2020.05.118	A: citations not retrieved by search
Hsu C-H, Chi C-C, Chen P-S, et al. The effects of aromatherapy massage on improvement of anxiety among patients receiving palliative care: A systematic review of randomized controlled trials. <i>Medicine</i> 2019;98(9):e14720-e20. doi: 10.1097/MD.00000000000014720	A: citations not retrieved by search
Hur M-H, Song J-A, Lee J, et al. Aromatherapy for stress reduction in healthy adults: a systematic review and meta-analysis of randomized clinical trials. <i>Maturitas</i> 2014;79(4):362-69. doi: 10.1016/j.maturitas.2014.08.006	A: citations not retrieved by search
Hwang E, Shin S. The Effects of Aromatherapy on Sleep Improvement: A Systematic Literature Review and Meta-Analysis. <i>The Journal of Alternative and Complementary Medicine</i> 2015;21(2):61-68. doi: 10.1089/acm.2014.0113	A: citations not retrieved by search
Kang H-J, Nam ES, Lee Y, et al. How Strong is the Evidence for the Anxiolytic Efficacy of Lavender?: Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Asian Nursing Research</i> 2019;13(5):295-305. doi: 10.1016/j.anr.2019.11.003	A: citations not retrieved by search
Kim EK, Park H, Lee CH, et al. Effects of Aromatherapy on Agitation in Patients with Dementia: A Systematic Literature Review and Meta-analysis. <i>Journal of Korean Academy of Community Health Nursing</i> 2019;30(2):183. doi: 10.12799/jkachn.2019.30.2.183	A: citations not retrieved by search
Kim M-E, Jun JH, Hur M-H. Effects of Aromatherapy on Sleep Quality: A Systematic Review and Meta-Analysis. <i>Journal of Korean Academy of Nursing</i> 2019;49(6):655. doi: 10.4040/jkan.2019.49.6.655	A: citations not retrieved by search

Reference	Classification
Kim S, Song J-A, Kim M-E, et al. Effects of Aromatherapy on Menopausal Symptoms, Perceived Stress and Depression in Middle-aged Women: A Systematic Review. <i>Journal of Korean Academy of Nursing</i> 2016;46(5):619. doi: 10.4040/jkan.2016.46.5.619	A: citations not retrieved by search
Lee Y-L, Wu Y, Tsang HWH, et al. A Systematic Review on the Anxiolytic Effects of Aromatherapy in People with Anxiety Symptoms. <i>The Journal of Alternative and Complementary Medicine</i> 2011;17(2):101-08. doi: 10.1089/acm.2009.0277	A: citations not retrieved by search
Li H, Zhao M, Shi Y, et al. The effectiveness of aromatherapy and massage on stress management in nurses: A systematic review. <i>Journal of Clinical Nursing</i> 2018;28(3-4):372-85. doi: 10.1111/jocn.14596	A: citations not retrieved by search
Lillehei AS, Halcon LL. A Systematic Review of the Effect of Inhaled Essential Oils on Sleep. <i>The Journal of Alternative and Complementary Medicine</i> 2014;20(6):441-51. doi: 10.1089/acm.2013.0311	A: citations not retrieved by search
Rezaie-Keikhaie K, Hastings-Tolsma M, Bouya S, et al. Effect of aromatherapy on post-partum complications: A systematic review. <i>Complementary Therapies in Clinical Practice</i> 2019;35:290-95. doi: 10.1016/j.ctcp.2019.03.010	A: citations not retrieved by search
Sayed AM, Morsy S, Tawfik GM, et al. The best route of administration of lavender for anxiety: a systematic review and network meta-analysis. <i>General Hospital Psychiatry</i> 2020;64:33-40. doi: 10.1016/j.genhosppsych.2020.02.001	A: citations not retrieved by search
Shin E-S, Lee S-H, Seo K-H. Massage with or without aromatherapy for symptom relief in patients with cancer. <i>Cochrane Database of Systematic Reviews</i> : John Wiley & Sons, Ltd 2014.	A: citations not retrieved by search
Smith CA, Collins CT, Crowther CA. Aromatherapy for pain management in labour. <i>Cochrane Database of Systematic Reviews</i> 2011 doi: 10.1002/14651858.cd009215	A: citations not retrieved by search
Song J-A, Lee M-k, Min E, Kim M-E, Fike G, Hur M-H. Effects of aromatherapy on dysmenorrhea: A systematic review and meta-analysis. <i>International Journal of Nursing Studies</i> 2018;84:1-11.	A: citations not retrieved by search
Sut N, Kahyaoglu-Sut H. Effect of aromatherapy massage on pain in primary dysmenorrhea: A meta-analysis. <i>Complementary Therapies in Clinical Practice</i> 2017;27:5-10.	A: citations not retrieved by search
Chen J-H, Chao Y-H, Lu S-F, et al. The effectiveness of valerian acupressure on the sleep of ICU patients: A randomized clinical trial. <i>International Journal of Nursing Studies</i> 2012;49(8):913-20. doi: 10.1016/j.ijnurstu.2012.02.012	B: Acupressure
Vakilian K, Atarha M, Bekhradi R, et al. Healing advantages of lavender essential oil during episiotomy recovery: A clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2011;17(1):50-53. doi: 10.1016/j.ctcp.2010.05.006	B: Topical application to mucosa (episiotomy)
Marzouk T, Barakat R, Ragab A, et al. Lavender-thymol as a new topical aromatherapy preparation for episiotomy: A randomised clinical trial. <i>Journal of Obstetrics and Gynaecology</i> 2014;35(5):472-75. doi: 10.3109/01443615.2014.970522	B: Topical application to mucosa (episiotomy)
Fung JKK-m, Tsang HW-h. Management of behavioural and psychological symptoms of dementia by an aroma-massage with acupressure treatment protocol: A randomised clinical trial. <i>Journal of Clinical Nursing</i> 2017;27(9-10):1812-25. doi: 10.1111/jocn.14101	B: Aroma-massage with acupressure
Matsumoto T, Asakura H, Hayashi T. Effects of olfactory stimulation from the fragrance of the Japanese citrus fruit yuzu (<i>Citrus junos</i> Sieb. ex Tanaka) on mood states and salivary chromogranin A as an endocrinologic stress marker. <i>Journal of alternative and complementary medicine</i> (New York, NY) 2014;20(6):500-06. doi: 10.1089/acm.2013.0425 [published Online First: 2014/04/17]	B: Fragrance, not an essential oil
Chamine I, Oken BS. Aroma Effects on Physiologic and Cognitive Function Following Acute Stress: A Mechanism Investigation. <i>Journal of alternative and complementary medicine</i> (New York, NY) 2016;22(9):713-21. doi: 10.1089/acm.2015.0349 [published Online First: 2016/06/29]	B: Healthy population
Fukui H, Toyoshima K, Komaki R. Psychological and neuroendocrinological effects of odor of saffron (<i>Crocus sativus</i>). <i>Phytomedicine</i> 2011;18(8-9):726-30. doi: 10.1016/j.phymed.2010.11.013	B: Healthy population
Goes TC, Antunes FD, Alves PB, et al. Effect of Sweet Orange Aroma on Experimental Anxiety in Humans. <i>The Journal of Alternative and Complementary Medicine</i> 2012;18(8):798-804. doi: 10.1089/acm.2011.0551	B: Healthy population
Grunebaum LD, Murdock J, Castanedo-Tardan MP, et al. Effects of lavender olfactory input on cosmetic procedures. <i>Journal of Cosmetic Dermatology</i> 2011;10(2):89-93. doi: 10.1111/j.1473-2165.2011.00554.x	B: Healthy population

Reference	Classification
Heuberger E, Ilmberger J. The Influence of Essential Oils on Human Vigilance. <i>Natural Product Communications</i> 2010;5(9):1934578X000500. doi: 10.1177/1934578x1000500919	B: Healthy population
Hirokawa K, Nishimoto T, Taniguchi T. Effects of Lavender Aroma on Sleep Quality in Healthy Japanese Students. <i>Perceptual and Motor Skills</i> 2012;114(1):111-22. doi: 10.2466/13.15.pms.114.1.111-122	B: Healthy population
Huang L, Capdevila L. Aromatherapy Improves Work Performance Through Balancing the Autonomic Nervous System. <i>The Journal of Alternative and Complementary Medicine</i> 2017;23(3):214-21. doi: 10.1089/acm.2016.0061	B: Healthy population
Kao Y-H, Huang Y-C, Chung U-L, et al. Comparisons for Effectiveness of Aromatherapy and Acupressure Massage on Quality of Life in Career Women: A Randomized Controlled Trial. <i>The Journal of Alternative and Complementary Medicine</i> 2017;23(6):451-60. doi: 10.1089/acm.2016.0403	B: Healthy population
Kim S, Kim H-J, Yeo J-S, et al. The Effect of Lavender Oil on Stress, Bispectral Index Values, and Needle Insertion Pain in Volunteers. <i>The Journal of Alternative and Complementary Medicine</i> 2011;17(9):823-26. doi: 10.1089/acm.2010.0644	B: Healthy population
Moss L, Rouse M, Wesnes KA, et al. Differential effects of the aromas of <i>Salvia</i> species on memory and mood. <i>Human Psychopharmacology: Clinical and Experimental</i> 2010;25(5):388-96. doi: 10.1002/hup.1129	B: Healthy population
Bahrami T, Rejeh N, Heravi- Karimooi M, et al. Effect of aromatherapy massage on anxiety, depression, and physiologic parameters in older patients with the acute coronary syndrome: A randomized clinical trial. <i>International Journal of Nursing Practice</i> 2017;23(6):e12601. doi: 10.1111/ijn.12601	B: No stand-alone co-intervention (reflexology)
Mohr C, Jensen C, Padden N, et al. Peppermint Essential Oil for Nausea and Vomiting in Hospitalized Patients: Incorporating Holistic Patient Decision Making Into the Research Design. <i>Journal of Holistic Nursing</i> 2020;39(2):126-34. doi: 10.1177/0898010120961579	B: Not randomised (patient chose intervention)
Goepfert M, Liebl P, Herth N, et al. Aroma oil therapy in palliative care: a pilot study with physiological parameters in conscious as well as unconscious patients. <i>Journal of Cancer Research and Clinical Oncology</i> 2017;143(10):2123-29. doi: 10.1007/s00432-017-2460-0	B: Not randomised
Abdelhakim AM, Hussein AS, Doheim MF, et al. The effect of inhalation aromatherapy in patients undergoing cardiac surgery: A systematic review and meta-analysis of randomized controlled trials. <i>Complementary Therapies in Medicine</i> 2020;48:102256. doi: 10.1016/j.ctim.2019.102256	B: Systematic review
Bouya S, Ahmadidarehsima S, Badakhsh M, et al. Effect of aromatherapy interventions on hemodialysis complications: A systematic review. <i>Complementary Therapies in Clinical Practice</i> 2018;32:130-38. doi: 10.1016/j.ctcp.2018.06.008	B: Systematic review
Deyno S, Mteawa AG, Abebe A, et al. Essential oils as topical anti-infective agents: A systematic review and meta-analysis. <i>Complementary Therapies in Medicine</i> 2019;47:102224. doi: 10.1016/j.ctim.2019.102224	B: Systematic review
Farahani MA, Afsargharehbagh R, Marandi F, et al. Effect of aromatherapy on cancer complications: A systematic review. <i>Complementary Therapies in Medicine</i> 2019;47:102169. doi: 10.1016/j.ctim.2019.08.003	B: Systematic review
Hines S, Steels E, Chang A, et al. Aromatherapy for treatment of postoperative nausea and vomiting. <i>Cochrane Database of Systematic Reviews</i> : John Wiley & Sons, Ltd 2009.	B: Systematic review
Lin P-C, Lee P-H, Tseng S-J, et al. Effects of aromatherapy on sleep quality: A systematic review and meta-analysis. <i>Complementary Therapies in Medicine</i> 2019;45:156-66. doi: 10.1016/j.ctim.2019.06.006	B: Systematic review
Hawkins JR, Weatherby N, Wrye B, et al. Bergamot Aromatherapy for Medical Office-Induced Anxiety Among Children With an Autism Spectrum Disorder. <i>Holistic Nursing Practice</i> 2019;33(5):285-94. doi: 10.1097/hnp.0000000000000341	C: Duplicate of Hawkins (in Extraction)
Matsumoto T, Kimura T, Hayashi T. Does Japanese Citrus Fruit Yuzu (<i>Citrus junos</i> Sieb. ex Tanaka) Fragrance Have Lavender-Like Therapeutic Effects That Alleviate Premenstrual Emotional Symptoms? A Single-Blind Randomized Crossover Study. <i>The Journal of Alternative and Complementary Medicine</i> 2017;23(6):461-70. doi: 10.1089/acm.2016.0328	C: Head-to-head comparison of aromatherapy
Schellhammer F, Ostermann T, Krüger G, et al. Good scent in MRI: can scent management optimize patient tolerance? <i>Acta Radiologica</i> 2013;54(7):795-99. doi: 10.1177/0284185113482606	C: Not an essential oil

Reference	Classification
Sites DS, Johnson NT, Miller JA, et al. Controlled Breathing With or Without Peppermint Aromatherapy for Postoperative Nausea and/or Vomiting Symptom Relief: A Randomized Controlled Trial. <i>Journal of PeriAnesthesia Nursing</i> 2014;29(1):12-19. doi: 10.1016/j.jopan.2013.09.008	C: Not an essential oil
Abbaszadeh R, Tabari F, Asadpour A. The Effect of Lavender Aroma on Anxiety of Patients Having Bone Marrow Biopsy. <i>Asian Pacific journal of cancer prevention : APJCP</i> 2020;21(3):771-75. doi: 10.31557/APJCP.2020.21.3.771	D: included at Extraction
Adachi N, Munesada M, Yamada N, et al. Effects of Aromatherapy Massage on Face-Down Posture-Related Pain After Vitrectomy: A Randomized Controlled Trial. <i>Pain Management Nursing</i> 2014;15(2):482-89. doi: 10.1016/j.pmn.2012.12.004	D: included at Extraction
Adib-Hajbaghery M, Hosseini FS. Investigating the effects of inhaling ginger essence on post-nephrectomy nausea and vomiting. <i>Complementary Therapies in Medicine</i> 2015;23(6):827-31. doi: 10.1016/j.ctim.2015.10.002	D: included at Extraction
Ahmady S, Rezaei M, Khatony A. Comparing effects of aromatherapy with lavender essential oil and orange essential oil on fatigue of hemodialysis patients: A randomized trial. <i>Complementary Therapies in Clinical Practice</i> 2019;36:64-68. doi: 10.1016/j.ctcp.2019.05.005	D: included at Extraction
Ayan M, Tas U, Sogut E, et al. Investigating the Effect of Aromatherapy in Patients with Renal Colic. <i>The Journal of Alternative and Complementary Medicine</i> 2013;19(4):329-33. doi: 10.1089/acm.2011.0941	D: included at Extraction
Ayik C, Özden D. The effects of preoperative aromatherapy massage on anxiety and sleep quality of colorectal surgery patients: A randomized controlled study. <i>Complementary Therapies in Medicine</i> 2018;36:93-99. doi: 10.1016/j.ctim.2017.12.002	D: included at Extraction
Bagheri-Nesami M, Espahbodi F, Nikkhah A, et al. The effects of lavender aromatherapy on pain following needle insertion into a fistula in hemodialysis patients. <i>Complementary Therapies in Clinical Practice</i> 2014;20(1):1-4. doi: 10.1016/j.ctcp.2013.11.005	D: included at Extraction
Bagheri-Nesami M, Shorofi SA, Nikkhah A, et al. The effects of aromatherapy with lavender essential oil on fatigue levels in haemodialysis patients: A randomized clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2016;22:33-37. doi: 10.1016/j.ctcp.2015.12.002	D: included at Extraction
Bahrami T, Rejeh N, Heravi-Karimooi M, et al. Aromatherapy massage versus reflexology on female elderly with acute coronary syndrome. <i>Nursing in Critical Care</i> 2017;23(5):229-36. doi: 10.1111/nicc.12302	D: included at Extraction
Bakhtiari S, Paki S, Khalili A, et al. Effect of lavender aromatherapy through inhalation on quality of life among postmenopausal women covered by a governmental health center in Isfahan, Iran: A single-blind clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2019;34:46-50. doi: 10.1016/j.ctcp.2018.11.001	D: included at Extraction
Beyliklioğlu A, Arslan S. Effect of Lavender Oil on the Anxiety of Patients Before Breast Surgery. <i>Journal of PeriAnesthesia Nursing</i> 2019;34(3):587-93. doi: 10.1016/j.jopan.2018.10.002	D: included at Extraction
Bikmoradi A, Seifi Z, Poorolajal J, et al. Effect of inhalation aromatherapy with lavender essential oil on stress and vital signs in patients undergoing coronary artery bypass surgery: A single-blinded randomized clinical trial. <i>Complementary Therapies in Medicine</i> 2015;23(3):331-38. doi: 10.1016/j.ctim.2014.12.001	D: included at Extraction
Burns A, Perry E, Holmes C, et al. A Double-Blind Placebo-Controlled Randomized Trial of <i>Melissa officinalis</i> Oil and Donepezil for the Treatment of Agitation in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> 2011;31(2):158-64. doi: 10.1159/000324438	D: included at Extraction
Çetinkaya B, Başbakkal Z. The effectiveness of aromatherapy massage using lavender oil as a treatment for infantile colic. <i>International Journal of Nursing Practice</i> 2012;18(2):164-69. doi: 10.1111/j.1440-172x.2012.02015.x	D: included at Extraction
Chen P-J, Chou C-C, Yang L, et al. Effects of Aromatherapy Massage on Pregnant Women's Stress and Immune Function: A Longitudinal, Prospective, Randomized Controlled Trial. <i>The Journal of Alternative and Complementary Medicine</i> 2017;23(10):778-86. doi: 10.1089/acm.2016.0426	D: included at Extraction
Cheraghbeigi N, Modarresi M, Rezaei M, et al. Comparing the effects of massage and aromatherapy massage with lavender oil on sleep quality of cardiac patients: A randomized controlled trial. <i>Complementary Therapies in Clinical Practice</i> 2019;35:253-58. doi: 10.1016/j.ctcp.2019.03.005	D: included at Extraction

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Cino K. Aromatherapy Hand Massage for Older Adults With Chronic Pain Living in Long-Term Care. <i>Journal of Holistic Nursing</i> 2014;32(4):304-13. doi: 10.1177/0898010114528378	D: included at Extraction
Daneshpajoo L, Najafi Ghezeljeh T, Haghani H. Comparison of the effects of inhalation aromatherapy using Damask Rose aroma and the Benson relaxation technique in burn patients: A randomized clinical trial. <i>Burns</i> 2019;45(5):1205-14. doi: 10.1016/j.burns.2019.03.001	D: included at Extraction
Darsareh F, Taavoni S, Joolaei S, et al. Effect of aromatherapy massage on menopausal symptoms. <i>Menopause</i> 2012;19(9):995-99. doi: 10.1097/gme.0b013e318248ea16	D: included at Extraction
de Jong M, Lucas C, Bredero H, et al. Does postoperative 'M' technique® massage with or without mandarin oil reduce infants' distress after major craniofacial surgery? <i>Journal of Advanced Nursing</i> 2011;68(8):1748-57. doi: 10.1111/j.1365-2648.2011.05861.x	D: included at Extraction
Dyer J, Thomas K, Sandsund C, et al. Is reflexology as effective as aromatherapy massage for symptom relief in an adult outpatient oncology population? <i>Complementary Therapies in Clinical Practice</i> 2013;19(3):139-46. doi: 10.1016/j.ctcp.2013.03.002	D: included at Extraction
Evans A, Malvar J, Garretson C, et al. The Use of Aromatherapy to Reduce Chemotherapy-Induced Nausea in Children With Cancer: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Pediatric Oncology Nursing</i> 2018;35(6):392-98. doi: 10.1177/1043454218782133	D: included at Extraction
Fazlollahpour-Rokni F, Shorofi SA, Mousavinasab N, et al. The effect of inhalation aromatherapy with rose essential oil on the anxiety of patients undergoing coronary artery bypass graft surgery. <i>Complementary Therapies in Clinical Practice</i> 2019;34:201-07. doi: 10.1016/j.ctcp.2018.11.014	D: included at Extraction
Fu C-Y, Moyle W, Cooke M. A randomised controlled trial of the use of aromatherapy and hand massage to reduce disruptive behaviour in people with dementia. <i>BMC complementary and alternative medicine</i> 2013;13:165-65. doi: 10.1186/1472-6882-13-165	D: included at Extraction
Gok Metin Z, Arikan Donmez A, Izgu N, et al. Aromatherapy Massage for Neuropathic Pain and Quality of Life in Diabetic Patients. <i>Journal of Nursing Scholarship</i> 2017;49(4):379-88. doi: 10.1111/jnu.12300	D: included at Extraction
Gok Metin Z, Ozdemir L. The Effects of Aromatherapy Massage and Reflexology on Pain and Fatigue in Patients with Rheumatoid Arthritis: A Randomized Controlled Trial. <i>Pain Management Nursing</i> 2016;17(2):140-49. doi: 10.1016/j.pmn.2016.01.004	D: included at Extraction
Hadi N, Hanid AA. Lavender Essence for Post-cesarean Pain. <i>Pakistan Journal of Biological Sciences</i> 2011;14(11):664-67. doi: 10.3923/pjbs.2011.664.667	D: included at Extraction
Hajibaghery A, Babaii A, Adib-Hajbaghery M. Effect of Rosa damascene aromatherapy on sleep quality in cardiac patients: A randomized controlled trial. <i>Complementary Therapies in Clinical Practice</i> 2014;20(3):159-63. doi: 10.1016/j.ctcp.2014.05.001	D: included at Extraction
Hamdamian S, Nazarpour S, Simbar M, et al. Effects of aromatherapy with Rosa damascena on nulliparous women's pain and anxiety of labor during first stage of labor. <i>Journal of Integrative Medicine</i> 2018;16(2):120-25. doi: 10.1016/j.joim.2018.02.005	D: included at Extraction
Hassanzadeh M, Kiani F, Bouya S, et al. Comparing the effects of relaxation technique and inhalation aromatherapy on fatigue in patients undergoing hemodialysis. <i>Complementary Therapies in Clinical Practice</i> 2018;31:210-14. doi: 10.1016/j.ctcp.2018.02.019	D: included at Extraction
Hawkins J, Hires CY, Dunne EW, et al. Aromatherapy reduces fatigue among women with hypothyroidism: A randomized placebo-controlled clinical trial. <i>Journal of Complementary and Integrative Medicine</i> 2019;17(1) doi: 10.1515/jcim-2018-0229	D: included at Extraction
Heidari-fard S, Mohammadi M, Fallah S. The effect of chamomile odor on contractions of the first stage of delivery in primipara women: A clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2018;32:61-64. doi: 10.1016/j.ctcp.2018.04.009	D: included at Extraction
Heydari N, Abootalebi M, Jamalimoghadam N, et al. Evaluation of aromatherapy with essential oils of Rosa damascena for the management of premenstrual syndrome. <i>International Journal of Gynecology & Obstetrics</i> 2018;142(2):156-61. doi: 10.1002/ijgo.12534	D: included at Extraction
Heydari N, Abootalebi M, Jamalimoghadam N, et al. Investigation of the effect of aromatherapy with Citrus aurantium blossom essential oil on premenstrual syndrome in university students: A clinical trial study. <i>Complementary Therapies in Clinical Practice</i> 2018;32:1-5. doi: 10.1016/j.ctcp.2018.04.006	D: included at Extraction

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Hodge NS, McCarthy MS, Pierce RM. A Prospective Randomized Study of the Effectiveness of Aromatherapy for Relief of Postoperative Nausea and Vomiting. <i>Journal of PeriAnesthesia Nursing</i> 2014;29(1):5-11. doi: 10.1016/j.jopan.2012.12.004	D: included at Extraction
Hozumi H, Hasegawa S, Tsunenari T, et al. Aromatherapies using Osmanthus fragrans oil and grapefruit oil are effective complementary treatments for anxious patients undergoing colonoscopy: A randomized controlled study. <i>Complementary Therapies in Medicine</i> 2017;34:165-69. doi: 10.1016/j.ctim.2017.08.012	D: included at Extraction
Igarashi T. Physical and psychologic effects of aromatherapy inhalation on pregnant women: a randomized controlled trial. <i>Journal of alternative and complementary medicine (New York, NY)</i> 2013;19(10):805-10. doi: 10.1089/acm.2012.0103 [published Online First: 2013/02/14]	D: included at Extraction
Karadag E, Samancioglu Baglama S. The Effect of Aromatherapy on Fatigue and Anxiety in Patients Undergoing Hemodialysis Treatment. <i>Holistic Nursing Practice</i> 2019;33(4):222-29. doi: 10.1097/hnp.0000000000000334	D: included at Extraction
Karadag E, Samancioglu S, Ozden D, et al. Effects of aromatherapy on sleep quality and anxiety of patients. <i>Nursing in Critical Care</i> 2015;22(2):105-12. doi: 10.1111/nicc.12198	D: included at Extraction
Karaman S, Karaman T, Tapar H, et al. A randomized placebo-controlled study of aromatherapy for the treatment of postoperative nausea and vomiting. <i>Complementary Therapies in Medicine</i> 2019;42:417-21. doi: 10.1016/j.ctim.2018.12.019	D: included at Extraction
Karaman T, Karaman S, Dogru S, et al. Evaluating the efficacy of lavender aromatherapy on peripheral venous cannulation pain and anxiety: A prospective, randomized study. <i>Complementary Therapies in Clinical Practice</i> 2016;23:64-68. doi: 10.1016/j.ctcp.2016.03.008	D: included at Extraction
Kasar KS, Yildirim Y, Senuzun Aykar F, et al. Effect of Inhalation Aromatherapy on Pain, Anxiety, Comfort, and Cortisol Levels During Trigger Point Injection. <i>Holistic Nursing Practice</i> 2020;34(1):57-64. doi: 10.1097/hnp.0000000000000350	D: included at Extraction
Kazemzadeh R, Nikjou R, Rostamnegad M, et al. Effect of lavender aromatherapy on menopause hot flushing: A crossover randomized clinical trial. <i>Journal of the Chinese Medical Association</i> 2016;79(9):489-92. doi: 10.1016/j.jcma.2016.01.020	D: included at Extraction
Khiewkhern S, Promthet S, Sukprasert A, et al. Effectiveness of Aromatherapy with Light Thai Massage for Cellular Immunity Improvement in Colorectal Cancer Patients Receiving Chemotherapy. <i>Asian Pacific Journal of Cancer Prevention</i> 2013;14(6):3903-07. doi: 10.7314/apjcp.2013.14.6.3903	D: included at Extraction
Lai TKT, Cheung MC, Lo CK, et al. Effectiveness of aroma massage on advanced cancer patients with constipation: A pilot study. <i>Complementary Therapies in Clinical Practice</i> 2011;17(1):37-43. doi: 10.1016/j.ctcp.2010.02.004	D: included at Extraction
Lane B, Cannella K, Bowen C, et al. Examination of the Effectiveness of Peppermint Aromatherapy on Nausea in Women Post C-Section. <i>Journal of Holistic Nursing</i> 2011;30(2):90-104. doi: 10.1177/0898010111423419	D: included at Extraction
Lillehei AS, Halcón LL, Savik K, et al. Effect of Inhaled Lavender and Sleep Hygiene on Self-Reported Sleep Issues: A Randomized Controlled Trial. <i>Journal of alternative and complementary medicine (New York, NY)</i> 2015;21(7):430-38. doi: 10.1089/acm.2014.0327 [published Online First: 2015/06/02]	D: included at Extraction
Lua PL, Salihah N, Mazlan N. Effects of inhaled ginger aromatherapy on chemotherapy-induced nausea and vomiting and health-related quality of life in women with breast cancer. <i>Complementary Therapies in Medicine</i> 2015;23(3):396-404. doi: 10.1016/j.ctim.2015.03.009	D: included at Extraction
Lytle J, Mwatha C, Davis KK. Effect of Lavender Aromatherapy on Vital Signs and Perceived Quality of Sleep in the Intermediate Care Unit: A Pilot Study. <i>American Journal of Critical Care</i> 2014;23(1):24-29. doi: 10.4037/ajcc2014958	D: included at Extraction
McDonnell B, Newcomb P. Trial of Essential Oils to Improve Sleep for Patients in Cardiac Rehabilitation. <i>The Journal of Alternative and Complementary Medicine</i> 2019;25(12):1193-99. doi: 10.1089/acm.2019.0222	D: included at Extraction
Moslemi F, Alijaniha F, Naseri M, et al. Citrus aurantium Aroma for Anxiety in Patients with Acute Coronary Syndrome: A Double-Blind Placebo-Controlled Trial. <i>The Journal of Alternative and Complementary Medicine</i> 2019;25(8):833-39. doi: 10.1089/acm.2019.0061	D: included at Extraction
Muzzarelli L, Force M, Sebold M. Aromatherapy and Reducing Preprocedural Anxiety. <i>Gastroenterology Nursing</i> 2006;29(6):466-71. doi: 10.1097/00001610-200611000-00005	D: included at Extraction

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Nakayama M, Okizaki A, Takahashi K. A Randomized Controlled Trial for the Effectiveness of Aromatherapy in Decreasing Salivary Gland Damage following Radioactive Iodine Therapy for Differentiated Thyroid Cancer. <i>BioMed research international</i> 2016;2016:9509810-10. doi: 10.1155/2016/9509810 [published Online First: 2016/11/30]	D: included at Extraction
Nasiri A, Mahmodi MA, Nobakht Z. Effect of aromatherapy massage with lavender essential oil on pain in patients with osteoarthritis of the knee: A randomized controlled clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2016;25:75-80. doi: 10.1016/j.ctcp.2016.08.002	D: included at Extraction
Ndao DH, Ladas EJ, Cheng B, et al. Inhalation aromatherapy in children and adolescents undergoing stem cell infusion: results of a placebo-controlled double-blind trial. <i>Psycho-Oncology</i> 2010;21(3):247-54. doi: 10.1002/pon.1898	D: included at Extraction
Nikjou R, Kazemzadeh R, Asadzadeh F, et al. The Effect of Lavender Aromatherapy on the Symptoms of Menopause. <i>Journal of the National Medical Association</i> 2018;110(3):265-69. doi: 10.1016/j.jnma.2017.06.010	D: included at Extraction
O'Connor DW, Eppingstall B, Taffe J, et al. A randomized, controlled cross-over trial of dermally-applied lavender (<i>Lavandula angustifolia</i>) oil as a treatment of agitated behaviour in dementia. <i>BMC complementary and alternative medicine</i> 2013;13:315-15. doi: 10.1186/1472-6882-13-315	D: included at Extraction
Ou M-C, Hsu T-F, Lai AC, et al. Pain relief assessment by aromatic essential oil massage on outpatients with primary dysmenorrhea: A randomized, double-blind clinical trial. <i>Journal of Obstetrics and Gynaecology Research</i> 2012;38(5):817-22. doi: 10.1111/j.1447-0756.2011.01802.x	D: included at Extraction
Ozkaraman A, Dügüm Ö, Özen Yılmaz H, et al. Aromatherapy: The Effect of Lavender on Anxiety and Sleep Quality in Patients Treated With Chemotherapy. <i>Clinical Journal of Oncology Nursing</i> 2018;22(2):203-10. doi: 10.1188/18.cjon.203-210	D: included at Extraction
Pehlivan S, Karadakovan A. Effects of aromatherapy massage on pain, functional state, and quality of life in an elderly individual with knee osteoarthritis. <i>Japan Journal of Nursing Science</i> 2019;16(4):450-58. doi: 10.1111/jjns.12254	D: included at Extraction
Raisi Dehkordi Z, Hosseini Baharanchi FS, Bekhradi R. Effect of lavender inhalation on the symptoms of primary dysmenorrhea and the amount of menstrual bleeding: A randomized clinical trial. <i>Complementary Therapies in Medicine</i> 2014;22(2):212-19. doi: 10.1016/j.ctim.2013.12.011	D: included at Extraction
Sadeghi Aval Shahr H, Saadat M, Kheirkhah M, et al. The effect of self-aromatherapy massage of the abdomen on the primary dysmenorrhoea. <i>Journal of Obstetrics and Gynaecology</i> 2014;35(4):382-85. doi: 10.3109/01443615.2014.958449	D: included at Extraction
Şentürk A, Tekinsoy Kartin P. The Effect of Lavender Oil Application via Inhalation Pathway on Hemodialysis Patients' Anxiety Level and Sleep Quality. <i>Holistic Nursing Practice</i> 2018;32(6):324-35. doi: 10.1097/hnp.0000000000000292	D: included at Extraction
Seol GH, Lee YH, Kang P, et al. Randomized controlled trial for <i>Salvia sclarea</i> or <i>Lavandula angustifolia</i> : differential effects on blood pressure in female patients with urinary incontinence undergoing urodynamic examination. <i>Journal of alternative and complementary medicine (New York, NY)</i> 2013;19(7):664-70. doi: 10.1089/acm.2012.0148 [published Online First: 2013/01/29]	D: included at Extraction
Seyyed-Rasooli A, Salehi F, Mohammadpoorasl A, et al. Comparing the effects of aromatherapy massage and inhalation aromatherapy on anxiety and pain in burn patients: A single-blind randomized clinical trial. <i>Burns</i> 2016;42(8):1774-80. doi: 10.1016/j.burns.2016.06.014	D: included at Extraction
Shirzadegan R, Gholami M, Hasanvand S, et al. Effects of geranium aroma on anxiety among patients with acute myocardial infarction: A triple-blind randomized clinical trial. <i>Complementary Therapies in Clinical Practice</i> 2017;29:201-06. doi: 10.1016/j.ctcp.2017.10.005	D: included at Extraction
Soltani R, Soheilipour S, Hajhashemi V, et al. Evaluation of the effect of aromatherapy with lavender essential oil on post-tonsillectomy pain in pediatric patients: A randomized controlled trial. <i>International Journal of Pediatric Otorhinolaryngology</i> 2013;77(9):1579-81. doi: 10.1016/j.ijporl.2013.07.014	D: included at Extraction
Taavoni S, Darsareh F, Joolae S, et al. The effect of aromatherapy massage on the psychological symptoms of postmenopausal Iranian women. <i>Complementary Therapies in Medicine</i> 2013;21(3):158-63. doi: 10.1016/j.ctim.2013.03.007	D: included at Extraction
Tamaki K, Fukuyama AK, Terukina S, et al. Randomized trial of aromatherapy versus conventional care for breast cancer patients during perioperative periods. <i>Breast Cancer Research and Treatment</i> 2017;162(3):523-31. doi: 10.1007/s10549-017-4134-7	D: included at Extraction

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Tanvisut R, Traisirilp K, Tongsong T. Efficacy of aromatherapy for reducing pain during labor: a randomized controlled trial. <i>Archives of Gynecology and Obstetrics</i> 2018;297(5):1145-50. doi: 10.1007/s00404-018-4700-1	D: included at Extraction
Taşan E, Ovaryolu O, Ovaryolu N. The effect of diluted lavender oil inhalation on pain development during vascular access among patients undergoing haemodialysis. <i>Complementary Therapies in Clinical Practice</i> 2019;35:177-82. doi: 10.1016/j.ctcp.2019.02.010	D: included at Extraction
Trambert R, Kowalski MO, Wu B, et al. A Randomized Controlled Trial Provides Evidence to Support Aromatherapy to Minimize Anxiety in Women Undergoing Breast Biopsy. <i>Worldviews on Evidence-Based Nursing</i> 2017;14(5):394-402. doi: 10.1111/wvn.12229	D: included at Extraction
Uysal M, Doğru HY, Sapmaz E, et al. Investigating the effect of rose essential oil in patients with primary dysmenorrhea. <i>Complementary Therapies in Clinical Practice</i> 2016;24:45-49. doi: 10.1016/j.ctcp.2016.05.002	D: included at Extraction
Uzunçakmak T, Ayaz Alkaya S. Effect of aromatherapy on coping with premenstrual syndrome: A randomized controlled trial. <i>Complementary Therapies in Medicine</i> 2018;36:63-67. doi: 10.1016/j.ctim.2017.11.022	D: included at Extraction
van Dijk M, O'Flaherty LA, Hoedemaker T, et al. Massage has no observable effect on distress in children with burns: A randomized, observer-blinded trial. <i>Burns</i> 2018;44(1):99-107. doi: 10.1016/j.burns.2017.10.002	D: included at Extraction
Watson K, Hatcher D, Good A. A randomised controlled trial of Lavender (<i>Lavandula Angustifolia</i>) and Lemon Balm (<i>Melissa Officinalis</i>) essential oils for the treatment of agitated behaviour in older people with and without dementia. <i>Complementary Therapies in Medicine</i> 2019;42:366-73. doi: 10.1016/j.ctim.2018.12.016	D: included at Extraction
Xiong M, Li Y, Tang P, et al. Effectiveness of Aromatherapy Massage and Inhalation on Symptoms of Depression in Chinese Community-Dwelling Older Adults. <i>The Journal of Alternative and Complementary Medicine</i> 2018;24(7):717-24. doi: 10.1089/acm.2017.0320	D: included at Extraction
Yang Y-P, Wang C-J, Wang J-J. Effect of Aromatherapy Massage on Agitation and Depressive Mood in Individuals With Dementia. <i>Journal of Gerontological Nursing</i> 2016;42(9):38-46. doi: 10.3928/00989134-20160615-03	D: included at Extraction
Yayla EM, Ozdemir L. Effect of Inhalation Aromatherapy on Procedural Pain and Anxiety After Needle Insertion Into an Implantable Central Venous Port Catheter. <i>Cancer Nursing</i> 2019;42(1):35-41. doi: 10.1097/ncc.0000000000000551	D: included at Extraction
Yazdkhasti M, Pirak A. The effect of aromatherapy with lavender essence on severity of labor pain and duration of labor in primiparous women. <i>Complementary Therapies in Clinical Practice</i> 2016;25:81-86. doi: 10.1016/j.ctcp.2016.08.008	D: included at Extraction

Appendix C3. Citation details of studies from non-priority populations (evidence inventory)

If multiple reports, the first citation is the index paper

Study ID	Reference
Abrha 2021 (protocol)	Abrha S, Christenson JK, McEwen J, Tesfaye W, Vaz Nery S, Chang AY, et al. Treatment of tungiasis using a tea tree oil-based gel formulation: protocol for a randomised controlled proof-of-principle trial. <i>BMJ Open</i> . 2021;11(7):e047380.
Amjadi 2012	Akhavan Amjadi M, Mojab F, Kamranpour SB. The effect of peppermint oil on symptomatic treatment of pruritus in pregnant women. <i>Iran J Pharm Res</i> . 2012;11(4):1073-7.
Anderson 2000	Anderson C, Lis-Balchin M, Kirk-Smith M. Evaluation of massage with essential oils on childhood atopic eczema. <i>Phytother Res</i> . 2000;14(6):452-6. Anderson C, Lis-Balchin M. The effect of aromatherapy on childhood eczema. Abstract. 5th Annual Symposium on Complementary Health Care 10th-12th December 1998, Exeter, UK. FACT: Focus on Alternative and Complementary Therapies. 1998;3(4):189.
Aryani 2019	Aryani R, Nurulhuda U, Dinarti, Arisanti IP, Zaki M. Comparison of honey and natural ointment based on honey-tea tree oil on the healing of diabetic foot ulcer. <i>Enfermería Clínica</i> . 2020;30:14-7.
Asih 2021	Asih FR, Husin F, Suwarsa O, Fidrianny I, Hilmanto D. A randomized controlled trial of combination of peppermint, lavender, and turmeric oil for antipruritic agent in pregnant women. <i>Medical Journal of Indonesia</i> . 2021;30(1):39-44.
Askarkafi 2020	Askarkafi F, Rayyani M, Dehghan M. The Effect of Massage With and Without Aromatic Oil on Delirium After Open-Heart Surgery: A Randomized Controlled Trial. <i>J Chiropr Med</i> . 2020;19(1):49-57.
Babamohamadi 2019	Babamohamadi H, Ansari Z, Nobahar M, Mirmohammadkhani M. The effects of peppermint gel on prevention of pressure injury in hospitalized patients with head trauma in neurosurgical ICU: A double-blind randomized controlled trial. <i>Complement Ther Med</i> . 2019;47:102223. Babamohamadi H, Ansari-Shiri Z, Nobahar M. Preventive effect of peppermint gel on the incidence of pressure ulcers in patients with head traumas admitted to intensive care units. <i>Avicenna Journal of Phytomedicine</i> . 2015;5:3.
Barker 2010	Barker SC, Altman PM. A randomised, assessor blind, parallel group comparative efficacy trial of three products for the treatment of head lice in children--melaleuca oil and lavender oil, pyrethrins and piperonyl butoxide, and a "suffocation" product. <i>BMC Dermatol</i> . 2010;10:6.
Barker 2011	Barker SC, Altman PM. An ex vivo, assessor blind, randomised, parallel group, comparative efficacy trial of the ovicidal activity of three pediculicides after a single application--melaleuca oil and lavender oil, eucalyptus oil and lemon tea tree oil, and a "suffocation" pediculicide. <i>BMC Dermatol</i> . 2011;11:14.
Bassett 1990	Bassett IB, Pannowitz DL, Barnetson RS. A comparative study of tea-tree oil versus benzoylperoxide in the treatment of acne. <i>Med J Aust</i> . 1990;153(8):455-8.
Beheshti Roy 2014	Beheshti Roy A, Tavakoli-Far B, Fallah Huseini H, Tousi P, Shafigh N, Rahimzadeh M. Efficacy of Melaleuca alternifolia essential oil in the treatment of facial seborrheic dermatitis: a double-blind, randomized, placebo-controlled clinical trial. <i>Journal of Medicinal Plants</i> . 2014;13(51):26-32.
Blackwood 2013	Blackwood B, Thompson G, McMullan R, Stevenson M, Riley TV, Alderdice FA, et al. Tea tree oil (5%) body wash versus standard care (Johnson's Baby Softwash) to prevent colonization with methicillin-resistant Staphylococcus aureus in critically ill adults: a randomized controlled trial. <i>J Antimicrob Chemother</i> . 2013;68(5):1193-9. Thompson G, Blackwood B, McMullan R, Alderdice FA, Trinder TJ, Lavery GG, et al. A randomized controlled trial of tea tree oil (5%) body wash versus standard body wash to prevent colonization with methicillin-resistant Staphylococcus aureus (MRSA) in critically ill adults: research protocol. <i>BMC Infect Dis</i> . 2008;8:161.
Burke 2004	Burke BE, Baillie JE, Olson RD. Essential oil of Australian lemon myrtle (Backhousia citriodora) in the treatment of molluscum contagiosum in children. <i>Biomed Pharmacother</i> . 2004;58(4):245-7.
Chen 2017	Chen PJ, Chou CC, Yang L, Tsai YL, Chang YC, Liaw JJ. Effects of Aromatherapy Massage on Pregnant Women's Stress and Immune Function: A Longitudinal, Prospective, Randomized Controlled Trial. <i>J Altern Complement Med</i> . 2017;23(10):778-86.
Chien 2012	Chien LW, Cheng SL, Liu CF. The effect of lavender aromatherapy on autonomic nervous system in midlife women with insomnia. <i>Evid Based Complement Alternat Med</i> . 2012;2012:740813.
Choi 2014	Choi SY, Kang P, Lee HS, Seol GH. Effects of Inhalation of Essential Oil of Citrus aurantium L. var. amara on Menopausal Symptoms, Stress, and Estrogen in Postmenopausal Women: A Randomized Controlled Trial. <i>Evid Based Complement Alternat Med</i> . 2014;2014:796518.
Curcani 2014	Curcani M, Tan M. The effect of aromatherapy on haemodialysis patients' pruritus. <i>J Clin Nurs</i> . 2014;23(23-24):3356-65.
Daniel 2020	Daniel JM, Davidson LN, Havens JR, Bauer JA, Shook LA. Aromatherapy as an adjunctive therapy for neonatal abstinence syndrome: A pilot study. <i>J Opioid Manag</i> . 2020;16(2):119-25.
DaSilva 2012	da Silva AG, Puziol Pde F, Leitao RN, Gomes TR, Scherer R, Martins ML, et al. Application of the essential oil from copaiba (Copaifera langsdorfi Desf.) for acne vulgaris: a double-blind, placebo-controlled clinical trial. <i>Altern Med Rev</i> . 2012;17(1):69-75.
Dimitriou 2018	Dimitriou TD, Verykoui E, Papatriantafyllou J, Konsta A, Kazis D, Tsolaki M. Non-pharmacological interventions for agitation/aggressive behaviour in patients with dementia: a randomized controlled crossover trial. <i>Funct Neurol</i> . 2018;33(3):143-7. Dimitriou TD, Verykoui E, Papatriantafyllou J, Konsta A, Kazis D, Tsolaki M. Non-Pharmacological interventions for the anxiety in patients with dementia. A cross-over randomised controlled trial. <i>Behav Brain Res</i> . 2020;390:112617.

Study ID	Reference
Dryden 2004	Dryden MS, Dailly S, Crouch M. A randomized, controlled trial of tea tree topical preparations versus a standard topical regimen for the clearance of MRSA colonization. <i>J Hosp Infect.</i> 2004;56(4):283-6.
Dyer 2013	Dyer J, Thomas K, Sandsund C, Shaw C. Is reflexology as effective as aromatherapy massage for symptom relief in an adult outpatient oncology population? <i>Complement Ther Clin Pract.</i> 2013;19(3):139-46.
Elsaie 2016	Elsaie LT, El Mohsen AM, Ibrahim IM, Mohey-Eddin MH, Elsaie ML. Effectiveness of topical peppermint oil on symptomatic treatment of chronic pruritus. <i>Clin Cosmet Investig Dermatol.</i> 2016;9:333-8.
Enshaieh 2007	Enshaieh S, Jooya A, Siadat AH, Iraj F. The efficacy of 5% topical tea tree oil gel in mild to moderate acne vulgaris: a randomized, double-blind placebo-controlled study. <i>Indian J Dermatol Venereol Leprol.</i> 2007;73(1):22-5.
Geethanjali 2020	Geethanjali S, Venugopal V, Poonguzhali S, Maheshkumar K. Effect of clary sage oil as an aromatherapy on cardiac autonomic function among patients with premenstrual syndrome – A randomized controlled study. <i>Obes Med.</i> 2020;18:100193.
Ghahremani-Chabok 2021	Ghahremani-Chabok A, Bagheri-Nesami M, Shorofi SA, Mousavinasab SN, Gholipour-Baradari A, Saeedi M. The effects of <i>Thymus vulgaris</i> inhalation therapy on airway status and oxygen saturation of patients under mechanical ventilation: A randomized clinical trial. <i>Advances in Integrative Medicine.</i> 2021;8(2):92-100.
Greenway 2003	Greenway FL, Frome BM, Engels TM, 3rd, McLellan A. Temporary relief of postherpetic neuralgia pain with topical geranium oil. <i>Am J Med.</i> 2003;115(7):586-7.
Greive 2018	Greive KA, Barnes TM. The efficacy of Australian essential oils for the treatment of head lice infestation in children: A randomised controlled trial. <i>Australas J Dermatol.</i> 2018;59(2):e99-e105.
Halm 2014	Halm MA, Baker C, Harshe V. Effect of an essential oil mixture on skin reactions in women undergoing radiotherapy for breast cancer: a pilot study. <i>J Holist Nurs.</i> 2014;32(4):290-303.
Hanprasertpong 2015	Hanprasertpong T, Kor-anantakul O, Leetanaporn R, Suwanrath C, Suntharasaj T, Pruksanusak N, et al. Reducing Pain and Anxiety during Second Trimester Genetic Amniocentesis Using Aromatic Therapy: A Randomized Trial. <i>J Med Assoc Thai.</i> 2015;98(8):734-8.
Haradin-Phillips 2019	Haradin-Phillips E. Combining Acupuncture with Aromatherapy to Enhance the Treatment of Stress. <i>JASA: Journal of the American Society of Acupuncturists.</i> 2019;6(2):5-11.
Hashemi 2015	Hashemi SH, Hajbagheri A, Aghajani M. The Effect of Massage With Lavender Oil on Restless Leg Syndrome in Hemodialysis Patients: A Randomized Controlled Trial. <i>Nurs Midwifery Stud.</i> 2015;4(4):e29617.
Hasheminia 2014	Hasheminia D, Kalantar Motamedi MR, Karimi Ahmadabadi F, Hashemzahi H, Haghighat A. Can ambient orange fragrance reduce patient anxiety during surgical removal of impacted mandibular third molars? <i>J Oral Maxillofac Surg.</i> 2014;72(9):1671-6.
Hay 1998.1	Hay IC, Jamieson M, Ormerod AD. Randomized trial of aromatherapy. Successful treatment for alopecia areata. <i>Arch Dermatol.</i> 1998;134(11):1349-52. Hay I. The use of aromatherapy as a successful treatment for alopecia areata Abstract FC12-1 The 7th Congress of the European Academy of Dermatology and Venereology, Nice, 7-11 October 1998. <i>J Eur Acad Dermatol Venereol.</i> 1998;11(Suppl 2):S147.
Heidari-Fard 2018	Heidari-Fard S, Mohammadi M, Fallah S. The effect of chamomile odor on contractions of the first stage of delivery in primipara women: A clinical trial. <i>Complement Ther Clin Pract.</i> 2018;32:61-4.
Jafarzadeh 2013	Jafarzadeh M, Arman S, Pour FF. Effect of aromatherapy with orange essential oil on salivary cortisol and pulse rate in children during dental treatment: A randomized controlled clinical trial. <i>Adv Biomed Res.</i> 2013;2:10.
Karadag 2021	Karadağ S, Akça NK, Çürük GN, Kaplan A. The Effect of Aromatherapy on Elderly Persons With Dry Skin: A Randomized Controlled Trial. <i>Holist Nurs Pract.</i> 2021;35(1):34-9.
Kazemzadeh 2016	Kazemzadeh R, Nikjou R, Rostamnagad M, Norouzi H. Effect of lavender aromatherapy on menopause hot flushing: A crossover randomized clinical trial. <i>J Chin Med Assoc.</i> 2016;79(9):489-92.
Khorsand 2019	Khorsand A, Salari R, Noras MR, Saki A, Jamali J, Sharifipour F, et al. The effect of massage and topical violet oil on the severity of pruritus and dry skin in hemodialysis patients: A randomized controlled trial. <i>Complement Ther Med.</i> 2019;45:248-53.
Kim 2016	Kim KH, Ha E. Effects of Aroma Foot Bath on Urination Status and Stress related to Urination in Patients with Benign Prostatic Hyperplasia (BPH). <i>Journal of Korean Academy of Community Health Nursing.</i> 2016;27(3):213-20.
Kizhakkedath 2013	Kizhakkedath R. Efficacy and tolerability of an essential oil formulation containing oil of <i>Boswellia serrata</i> and <i>Curcuma longa</i> in patients with acute soft tissue injuries: a randomized, open label, pilot study. <i>International Journal of Pharmacy and Pharmaceutical Sciences.</i> 2013;5(1):356-9.
Koo 2012	Koo H, Kim TH, Kim KW, Wee SW, Chun YS, Kim JC. Ocular surface discomfort and Demodex: effect of tea tree oil eyelid scrub in Demodex blepharitis. <i>J Korean Med Sci.</i> 2012;27(12):1574-9.
Kunz 2007	Kunz S, Schulz M, Lewitzky M, Driessen M, Rau H. Ear acupuncture for alcohol withdrawal in comparison with aromatherapy: a randomized-controlled trial. <i>Alcohol Clin Exp Res.</i> 2007;31(3):436-42.
Kwon 2014.1	Kwon HH, Yoon JY, Park SY, Min S, Suh DH. Comparison of clinical and histological effects between lactobacillus-fermented <i>Chamaecyparis obtusa</i> and tea tree oil for the treatment of acne: an eight-week double-blind randomized controlled split-face study. <i>Dermatology.</i> 2014;229(2):102-9. Kwon HH, Yoon JY, Park SY, Min S, Suh DH. Exploring a new anti-acne ingredient: 8-week, randomized controlled split-face clinical trial with histopathologic analysis for lactobacillus fermented chamaecyparis obtusa for the treatment of acne. <i>J Dermatol.</i> 2014;41:21.
Lai 2011	Lai TK, Cheung MC, Lo CK, Ng KL, Fung YH, Tong M, et al. Effectiveness of aroma massage on advanced cancer patients with constipation: a pilot study. <i>Complement Ther Clin Pract.</i> 2011;17(1):37-43.
Lee 2014	Lee RLP, Leung PHM, Wong TKS. A randomized controlled trial of topical tea tree preparation for MRSA colonized wounds. <i>Int J Nurs Sci.</i> 2014;1(1):7-14.
Lee 2017	Lee JH, Seo EK, Shim JS, Chung SP. The effects of aroma massage and foot bath on psychophysiological response in stroke patients. <i>J Phys Ther Sci.</i> 2017;29(8):1292-6.
Lewith 2005	Lewith GT, Godfrey AD, Prescott P. A single-blinded, randomized pilot study evaluating the aroma of <i>Lavandula augustifolia</i> as a treatment for mild insomnia. <i>J Altern Complement Med.</i> 2005;11(4):631-7.
Liu 2021	Liu W, Gong L. Anti-demodectic effects of okra eyelid patch in Demodex blepharitis compared with tea tree oil. <i>Exp Ther Med.</i> 2021;21(4):338.

Study ID	Reference
Lotfipour-Rafsanjani 2018	Lotfipour-Rafsanjani SM, Ravari A, Ghorashi Z, Haji-Maghsoudi S, Akbarinasab J, Bekhradi R. Effects of Geranium Aromatherapy Massage on Premenstrual Syndrome: A Clinical Trial. <i>Int J Prev Med</i> . 2018;9(1):98.
Maiche 1991	Maiche AG, Grohn P, Maki-Hokkonen H. Effect of chamomile cream and almond ointment on acute radiation skin reaction. <i>Acta Oncol</i> . 1991;30(3):395-6.
Markum 2012	Markum E, Baillie J. Combination of essential oil of <i>Melaleuca alternifolia</i> and iodine in the treatment of molluscum contagiosum in children. <i>J Drugs Dermatol</i> . 2012;11(3):349-54.
McDonnell 2019	McDonnell B, Newcomb P. Trial of Essential Oils to Improve Sleep for Patients in Cardiac Rehabilitation. <i>J Altern Complement Med</i> . 2019;25(12):1193-9. McDonnell B. American Association of Cardiovascular and Pulmonary Rehabilitation 31st Annual Meeting Scientific Abstracts: September 8-10, 2016, New Orleans, LA. <i>J Cardiopulm Rehabil Prev</i> . 2016;36(4):293-303.
Mergen 2021	Mergen B, Arici C, Yildiz-Tas A, Bahar-Tokman H, Tokuc E, Ozturk-Bakar Y, et al. Swabs Containing Tea Tree Oil and Chamomile Oil Versus Baby Shampoo in Patients With Seborrheic Blepharitis: A Double-Blind Randomized Clinical Trial. <i>Eye Contact Lens</i> . 2021;47(11):604-10.
Mirbagher Ajorpaz 2020	Mirbagher Ajorpaz N, Rahemi Z, Aghajani M, Hashemi SH. Effects of glycerin oil and lavender oil massages on hemodialysis patients' restless legs syndrome. <i>J Bodyw Mov Ther</i> . 2020;24(1):88-92.
Najafi-Taher 2021	Najafi-Taher R, Jafarzadeh Kohneloo A, Eslami Farsani V, Mehdizade Rayeni N, Moghimi HR, Ehsani A, et al. A topical gel of tea tree oil nanoemulsion containing adapalene versus adapalene marketed gel in patients with acne vulgaris: a randomized clinical trial. <i>Arch Dermatol Res</i> . 2022;314(7):673-9.
Nakayama 2016	Nakayama M, Okizaki A, Takahashi K. A Randomized Controlled Trial for the Effectiveness of Aromatherapy in Decreasing Salivary Gland Damage following Radioactive Iodine Therapy for Differentiated Thyroid Cancer. <i>Biomed Res Int</i> . 2016;2016:9509810.
Nesami 2018	Nesami MB, Shorofi SA, Nikkhah A, Moghaddam HR, Mahdavi A. Effect of lavender aromatherapy on well-being among hemodialysis patients: a randomized clinical trial. <i>Pharmaceutical and Biomedical Research</i> . 2018;4(2):18-22.
Nikjou 2018	Nikjou R, Kazemzadeh R, Asadzadeh F, Fathi R, Mostafazadeh F. The Effect of Lavender Aromatherapy on the Symptoms of Menopause. <i>J Natl Med Assoc</i> . 2018;110(3):265-9.
Oladimeji 2000	Oladimeji FA, Orafidiya OO, Ogunniyi TA, Adewunmi TA. Pediculocidal and scabicide properties of <i>Lippia multiflora</i> essential oil. <i>J Ethnopharmacol</i> . 2000;72(1-2):305-11.
Oladimeji 2005	Oladimeji FA, Orafidiya LO, Ogunniyi TA, Adewunmi TA, Onayemi O. A comparative study of the scabicide activities of formulations of essential oil of <i>Lippia multiflora</i> Moldenke and benzyl benzoate emulsion BP. <i>International Journal of Aromatherapy</i> . 2005;15(2):87-93.
Orafidiya 2002	Orafidiya LO, Agbani EO, Oyedele AO, Babalola OO, Onayemi O. Preliminary clinical tests on topical preparations of <i>Ocimum gratissimum</i> linn leaf essential oil for the treatment of acne vulgaris. <i>Clinical Drug Investigation</i> . 2002;22(5):313-9.
Orafidiya 2004	Orafidiya LO, Agbani EO, Oyedele AO, Babalola OO, Onayemi O, Aiyedun FF. The effect of aloe vera gel on the anti-acne properties of the essential oil of <i>Ocimum gratissimum</i> Linn leaf a preliminary clinical investigation. <i>International Journal of Aromatherapy</i> . 2004;14(1):15-21.
Oshvandi 2021	Oshvandi K, Mirzajani Letomi F, Soltanian AR, Shamsizadeh M. The effects of foot massage on hemodialysis patients' sleep quality and restless leg syndrome: a comparison of lavender and sweet orange essential oil topical application. <i>J Complement Integr Med</i> . 2021;18(4):843-50.
Özmen 2015	Özmen I, Çaliskan E, Arca E, Açikgoz G, Koç E. Efficacy of aromatherapy in the treatment of localized alopecia areata: a double-blind placebo controlled study. <i>Gülhane tıp Derg</i> . 2015;57:233-6.
Peivastegan 2020	Peivastegan M, Rajabi M, Arani HZ, Olya M, Atashi HA, Abolghasemi S. Comparing the effects of oleoresin of pistacia atlantica tree and diclofenac gel on the knee osteoarthritis improvement. <i>Shiraz E Medical Journal</i> . 2020;21(10):1-8.
Ro 2002	Ro YJ, Ha HC, Kim CG, Yeom HA. The effects of aromatherapy on pruritus in patients undergoing hemodialysis. <i>Dermatol Nurs</i> . 2002;14(4):231-4, 7-8, 56; quiz 9.
Sailo 2018	Sailo ML, Jagadeesh NS, Ranganathan S, Duraipandian C. Effect of Peppermint Water on Prevention of Nipple Injury among Postnatal Mothers Subjected to Caesarean. <i>International Journal of Nursing Education</i> . 2018;10(1):43-8.
Salihah 2016	Salihah N, Mazlan N, Lua PL. The effectiveness of inhaled ginger essential oil in improving dietary intake in breast-cancer patients experiencing chemotherapy-induced nausea and vomiting. <i>Focus on Alternative and Complementary Therapies</i> . 2016;21(1):8-16.
Satchell 2002	Satchell AC, Saurajen A, Bell C, Barnetson RS. Treatment of dandruff with 5% tea tree oil shampoo. <i>J Am Acad Dermatol</i> . 2002;47(6):852-5.
Satchell 2002	Satchell AC, Saurajen A, Bell C, Barnetson RS. Treatment of interdigital tinea pedis with 25% and 50% tea tree oil solution: a randomized, placebo-controlled, blinded study. <i>Australas J Dermatol</i> . 2002;43(3):175-8.
Schneider 2017	Schneider R. From pain to pleasure: a newly developed essential oil inhaler (Aromastick®) alters pain dynamics and increases well-being. Results from two randomized, controlled documentation studies. <i>Current Psychopharmacology</i> . 2017;6(2):136-47.
Seol 2013	Seol GH, Lee YH, Kang P, You JH, Park M, Min SS. Randomized controlled trial for <i>Salvia sclarea</i> or <i>Lavandula angustifolia</i> : differential effects on blood pressure in female patients with urinary incontinence undergoing urodynamic examination. <i>J Altern Complement Med</i> . 2013;19(7):664-70.
Seong 2013	Seong K, Hong JH, Hur MH, Lee MS. Two-week aroma inhalation effects on blood pressure in young men with essential hypertension. <i>Eur J Integr Med</i> . 2013;5(3):254-60.
Serfaty 2012	Serfaty M, Wilkinson S, Freeman C, Mannix K, King M. The ToT study: helping with Touch or Talk (ToT): a pilot randomised controlled trial to examine the clinical effectiveness of aromatherapy massage versus cognitive behaviour therapy for emotional distress in patients in cancer/palliative care. <i>Psychooncology</i> . 2012;21(5):563-9.
Sharifi 2017a	Sharifi A, Motaghi M, Borji M, Moradi M. The effect of orange essence aromatherapy on anxiety in school-age children with diabetes. <i>Biomedical and Pharmacology Journal</i> . 2017;10(1):159-64.
Sharifi 2017b	Sharifi H, Minaie MB, Qasemzadeh MJ, Ataei N, Gharehbeglou M, Heydari M. Topical use of <i>Matricaria recutita</i> L (Chamomile) Oil in the Treatment of Monosymptomatic Enuresis in Children: A Double-Blind Randomized Controlled Trial. <i>J Evid Based Complementary Altern Med</i> . 2017;22(1):12-7.

Study ID	Reference
Sritoomma 2014	Sritoomma N, Moyle W, Cooke M, O'Dwyer S. The effectiveness of Swedish massage with aromatic ginger oil in treating chronic low back pain in older adults: a randomized controlled trial. <i>Complement Ther Med</i> . 2014;22(1):26-33.
Stringer 2008	Stringer J, Swindell R, Dennis M. Massage in patients undergoing intensive chemotherapy reduces serum cortisol and prolactin. <i>Psychooncology</i> . 2008;17(10):1024-31.
Taheri 2016	Taheri S, Firouzkouhi M, Abdollahimohammad A, Sadegei K, Shahrakivahed A. Effect of aromatherapy massage with mint essential oil on physiological parameters of concussion patients hospitalized in intensive care unit: a clinical trial. <i>Der Pharmacia Lettre</i> . 2016;8(13):274-9.
Tamaki 2017	Tamaki K, Fukuyama AK, Terukina S, Kamada Y, Uehara K, Arakaki M, et al. Randomized trial of aromatherapy versus conventional care for breast cancer patients during perioperative periods. <i>Breast Cancer Res Treat</i> . 2017;162(3):523-31.
Thomas 2015 (protocol)	Thomas J, Narkowicz CK, Jacobson GA, Peterson GM. Safety and efficacy of kunzea oil-containing formulations for the management of psoriasis: a randomized, controlled trial. <i>J Clin Pharm Ther</i> . 2015;40(5):566-72.
Thomas 2018	Thomas J, Davey R, Peterson GM, Carson C, Walton SF, Spelman T, et al. Treatment of scabies using a tea tree oil-based gel formulation in Australian Aboriginal children: Protocol for a randomised controlled trial. <i>BMJ Open</i> . 2018;8(5):e018507.
Tirabassi 2013	Tirabassi G, Giovannini L, Paggi F, Panin G, Panin F, Papa R, et al. Possible efficacy of Lavender and Tea tree oils in the treatment of young women affected by mild idiopathic hirsutism. <i>J Endocrinol Invest</i> . 2013;36(1):50-4.
Tong 1992	Tong MM, Altman PM, Barnetson RS. Tea tree oil in the treatment of tinea pedis. <i>Australas J Dermatol</i> . 1992;33(3):145-9.
Walsh 1999	Walsh E, Wilson C. Complementary therapies in long-stay neurology in-patient settings. <i>Nurs Stand</i> . 1999;13(32):32-5.
Zarei-Ghanavati 2021	Zarei-Ghanavati S, Nooghabi MJ, Zamani G. Comparison of the Effect of Tea Tree Oil Shampoo With Regular Eyelid Shampoo in Meibomian Gland Dysfunction Treatment. <i>Am J Ophthalmol</i> . 2021;229:45-51.
Zhang 2019	Zhang X, Song N, Gong L. Therapeutic Effect of Intense Pulsed Light on Ocular Demodicosis. <i>Curr Eye Res</i> . 2019;44(3):250-6.
Zolfaghari 1997	Zolfaghari ME, Salamian P, Riazi A, Khaksa A. Clinical trial of efficacy of myrtle oil in the treatment of herpes simplex. <i>Iranian Journal of Medical Sciences</i> . 1997;22(3-4):134-7.

Appendix C4. Citation details of studies awaiting classification

If multiple reports, the first citation is the index paper

Study ID	Reference	Reason for awaiting assessment
Bagheri-Nesami 2016	Bagheri-Nesami M, Shorofi SA, Nikkhah A, Espahbodi F, Ghaderi Koolae FS. The effects of aromatherapy with lavender essential oil on fatigue levels in haemodialysis patients: a randomized clinical trial. Complementary therapies in clinical practice. 2016;22:33-7.	concerns about data that cannot be resolved from full report(s)
	Bagheri-Nesami M, Shorofi SA, Nikkhah A, Espahbodi F. The effects of lavender essential oil aromatherapy on anxiety and depression in haemodialysis patients. Pharmaceutical & biomedical research. 2017;3(1):8-13.	
Eslami 2018	Eslami J, Ebrahimi A, Hosseinkhani A, Khazaei Z, Darvishi I. The effect of aromatherapy using Lavender (Lavandula angustifolia Miller) and Citrus aurantium L. extracts to treat anxiety of patients undergoing laparoscopic cholecystectomy: a randomized clinical trial in Iran. Biomedical research and therapy. 2018;5(3):2096-110.	concerns about data that cannot be resolved from full report(s)
	Ebrahimi A, Eslami J, Darvishi I, Momeni K, Akbarzadeh M. An overview of the comparison of inhalation aromatherapy on emotional distress of female and male patients in preoperative period. J Complement Integr Med. 2021 May 12;19(1):111-119	
Heydari 2019.1	Heydari N, Abootalebi M, Tayebi N, Hassanzadeh F, Kasraeian M, Emamghoreishi M, et al. The effect of aromatherapy on mental, physical symptoms, and social functions of females with premenstrual syndrome: A randomized clinical trial. J Family Med Prim Care. 2019;8(9):2990-6.	concerns about data that cannot be resolved from full report(s)
	Heydari N, Abootalebi M, Jamalimoghadam N, Kasraeian M, Emamghoreishi M, Akbarzadeh M. Investigation of the effect of aromatherapy with Citrus aurantium blossom essential oil on premenstrual syndrome in university students: a clinical trial study. Complementary therapies in clinical practice. 2018;32:1-5.	
	Heydari N, Abootalebi M, Jamalimoghadam N, Kasraeian M, Emamghoreishi M, Akbarzaded M. Evaluation of aromatherapy with essential oils of Rosa damascena for the management of premenstrual syndrome. International journal of gynaecology and obstetrics. 2018;142(2):156-61.	
Igarashi 2010	Igarashi T, Fujita M. Effects of aromatherapy for self-care during pregnancy. Journal of nara medical association. 2010;61(3-4):101-12.	concerns about data that cannot be resolved from full report(s)
	Igarashi T. Physical and psychologic effects of aromatherapy inhalation on pregnant women: a randomized controlled trial. Journal of alternative and complementary medicine (New York, NY). 2013;19(10):805-10.	
Sharifipour 2015.1	Sharifipour F, Sohail Baigi S, Mirmohammad M. The aromatic effects of citrus arantium on pain and vital signs after caesarean section. International journal of biology, pharmacy and allied sciences. 2015;4(7):5063-72.	concerns about data that cannot be resolved from full report(s)
	Sharifipour F, Sohail Baigi S, Mirmohammad M. The aromatic effects of citrus arantium on pain and vital signs after caesarean section. International journal of biology, pharmacy and allied sciences. 2015;4(7):5063-72.	
	Sharifipour F, Sohailbaigi S, Dastmozd L. Comparison of the citrus arantium and salvia officinalis aroma impacts on post cesarean anxiety. Acta medica mediterranea. 2016;32(Specialue2):977-81.	
	Sharifipour F, Ali MM, Hashemzadeh M. Comparison of the effect of Citrus arantium and salvia officinalis aroma on post-cesarean section pain. Iranian journal of obstetrics, gynecology and infertility. 2017;20(2):41-9.	
Shirzadegan 2017	Shirzadegan R, Gholami M, Hasanvand S, Birjandi M, Beiranvand A. Effects of geranium aroma on anxiety among patients with acute myocardial infarction: a triple-blind randomized clinical trial. Complementary therapies in clinical practice. 2017;29:201-6.	concerns about data that cannot be resolved from full report(s)
	Shirzadegan R, Gholami M, Hasanvand S, Beiranvand A. The effects of Citrus aurantium aroma on anxiety and fatigue in patients with acute myocardial infarction: a two-center, randomized, controlled trial. Journal of herbal medicine. 2020.	
Soden 2004	Soden K, Vincent K, Craske S, Lucas C, Ashley S. A randomized controlled trial of aromatherapy massage in a hospice setting. Palliat Med. 2004;18(2):87-92.	concerns about data that cannot be resolved from full report(s)
Vaziri 2018	Vaziri F, Sahebkharam Z, Bahrami R, Pourahmad S, Azima S. Lavender oil aromatherapy on infantile colic and maternal mood: a double blind randomized clinical trial. Pharmaceutical sciences. 2018;24(1):38-43.	concerns about data that cannot be resolved from full report(s)
Abadi 2013	Meshgin Abadi N, Ramezani Badr F, Mahmoodi KH. The use of aromatherapy massage to reduce backpain after percutaneous coronary intervention(PCI): a semi-experimental study. Journal of zanzan university of medical sciences and health services. 2013;21(86):24-34.	language other than English - likely eligible
Alavi 2017	Alavi Fili A, Askari M, Vahhabi S, Bagheri P, Dashtinejhad E. Comparison of effect of massage therapy with jasmine oil and aroma therapy with jasmine oil in reducing delivery pain. The Iranian Journal of Obstetrics, Gynecology and Infertility. 2017;20(3):40-7.	language other than English - likely eligible
Ammer 1999	Ammer K, Melnizky P. Medicinal baths for the treatment of generalized fibromyalgia. Forschende Komplementarmedizin. 1999;6(2):80-5.	language other than English - likely eligible

Study ID	Reference	Reason for awaiting assessment
Arasteh 2019	Arasteh FE, Shobeiri F, Mafakheri B, Mohamadi Y, Parsa P. The Effect of Lemon aromatherapy on nausea and vomiting of pregnancy: a randomized clinical trial. Iranian journal of obstetrics, gynecology and infertility. 2019;22(1):46-52.	language other than English - likely eligible
Arjmand 2017	Arjmand GR, Bahraminezhad N, Jafari S, Faghihzadeh S, Lotfinia I, Shimia M. The effect of inhalation of aromatherapy lavender (Essential oil) on post-operative discectomy pain. Journal of zanzan university of medical sciences and health services. 2017;25(110):80-90.	language other than English - likely eligible
Babashahi Kohanestani 2013	Babashahi Kohanestani F, Ahmadi F, Memarian R. The effect of lavender aromatherapy program on the pain intensity of patients with AML undergoing chemotherapy. Journal of urmia nursing & midwifery faculty. 2013;11(3):180-6.	language other than English - likely eligible
Belzner 1997	Belzner S. Eucalyptus oil dressings in urinary retention. Pflege aktuell. 1997;51(6):386-7.	language other than English - likely eligible
Cha 2010	Cha JH, Lee SH, Yoo YS. Effects of aromatherapy on changes in the autonomic nervous system, aortic pulse wave velocity and aortic augmentation index in patients with essential hypertension. Journal of Korean Academy of Nursing. 2010;40(5):705-13.	language other than English - likely eligible
Cha 2010	Cha JH, Kim MJ, Kim HS, Kim YI. Effects of Aromatherapy in blending oil of Basil, Lavender, Rosemary, and Rose on Headache, Anxiety and Serum Cortisol level in the Middle-Aged Women. Korean society of biological nursing science. 2010;12(3):133-9.	language other than English - likely eligible
Chang 2008	Chang SY. Effects of aroma hand massage on pain, state anxiety and depression in hospice patients with terminal cancer. Taehan Kanho Hakhoe chi. 2008;38(4):493-502.	language other than English - likely eligible
Chen 2010	Chen M, Chu H, Liao C. The effectiveness on labor anxiety of essential oil massage in first-time mothers. Journal of nursing & healthcare research. 2010;6(3):200-8.	language other than English - likely eligible
Choi 2005	Choi YS, Son KJ, Kim SH, Kim MJ. The Effects of Aroma Self Massage in Hands on Pain, Depressive Mood and Anxiety in Breast Cancer Patients. Journal of hospice and palliative care. 2005;9:18-29.	language other than English - likely eligible
Christen 2003	Christen L, Christen S, Waldmeier V, Osterlund S, Morgenthaler U, Scheidegger J, et al. Nursing without and with essential oils: a controlled study of patients in an acute rheumatologic department. Pflege. 2003;16(4):193-201; quiz 2-4.	language other than English - likely eligible
Chung 2011	Chung M, Choi E. A comparison between effects of aroma massage and meridian massage on constipation and stress in women college students. Journal of Korean Academy of Nursing. 2011;41(1):26-35.	language other than English - likely eligible
Davari 2014	Davari M, Reihani M, Khoshrang N. The aromatherapy effect of rosemary and lavender on primary dysmenorrhea: a clinical controlled trial. Journal of isfahan medical school. 2014;32(290):929-37.	language other than English - likely eligible
Eghbali 2018	Eghbali M, Varaei S, Hosseini M, Yekaninejad MS, Shahi F. The effect of aromatherapy with peppermint essential oil on Nausea and vomiting in the acute phase of chemotherapy in patients with breast cancer. Journal of babol university of medical sciences. 2018;20(9):66-71.	language other than English - likely eligible
Fallahi 2019	Fallahi M, Karimpour H, Aminisaman J, Mohammadi S, Sharifi A, Jahanbakhsh A, et al. Effect of eucalyptus incense on prevention of early and late ventilator-associated pneumonia: A randomized controlled double-blinded clinical trial. Journal of Mazandaran University of Medical Sciences. 2019;28(170):64-73.	language other than English - likely eligible
Fatemeh 2020	Fatemeh T, Nahid R, Zahra F, Mohammad P. The effects of inhaling lavender fragrance on stress and anxiety during sheath take out in patients after coronary angiography. Journal of medicinal plants. 2020;18(72):78-89.	language other than English - likely eligible
Gharaee 2020	Gharaee R, Saghi N, Nasiri M, Kheyraadi AJ. A comparative study on the effects of aromatherapy with orange and citrus aurantium extracts on sleep quality in patients with acute coronary syndrome. Koomesh. 2020;22(2):275-81.	language other than English - likely eligible
Gholamalalian 2015	Gholamalalian F, Tadayon M, Abedi P, Haghighizadeh MH. The effect of lavender aromatherapy on sleep quality in postmenopausal women. Iranian journal of obstetrics, gynecology and infertility. 2015;18(157):18-25.	language other than English - likely eligible
Gholami 2018	Gholami A, Tabaraei Y, Ghorat F, Khalili H. The Effect of Inhalation of Matricaria Chamomile Essential Oil on Patients' Anxiety before Esophagogastroduodenoscopy. Iranian journal of gastroenterology & hepatology (GOVARESH). 2018;22(4):232-8.	language other than English - likely eligible
Givi 2019	Givi F, Esmaeili R, Mojab F, Nasiri M, Shadnoush M. Effects of aromatherapy using lavender on the quality of sleep of hospitalized elderly. Koomesh. 2019;21(2):254-61.	language other than English - likely eligible
Glowania 1987	Glowania HJ, Raulin C, Swoboda M. Effect of chamomile on wound healing--a clinical double-blind study. Zeitschrift fur Hautkrankheiten. 1987;62(17):1262, 7-71.	language other than English - likely eligible
Göbel 1996	Göbel H, Fresenius J, Heinze A, Dworschak M, Soyka D. Effectiveness of Oleum menthae piperitae and paracetamol in therapy of headache of the tension type. Der Nervenarzt. 1996;67(8):672-81	language other than English - likely eligible
Göbel 1998	Göbel H, Heinze A, Lurch A, Dworschak M. Essential oils in the therapy of tension headache. Zeitschrift fur allgemeinmedizin. 1998;74(4):223-8.	language other than English - likely eligible
Göbel 2001	Göbel H, Heinze A, Dworschak M, Heinze-Kuhn K, Stolze H. Analgesic efficacy and tolerability of locally applied oleum menthae piperitae preparation LI 170 in patients with migraine or tension-type headache. Zeitschrift fur allgemeinmedizin. 2001;77(6):287-95.	language other than English - likely eligible
Göbel 2004	Göbel H, Heinze A, Dworschak M, Heinze-Kuhn K, Stolze H. Oleum menthae piperitae in the acute therapy of migraine and tension-type headache. Zeitschrift fur phytotherapie. 2004;25(3):129-39.	language other than English - likely eligible
Han 2001	Han SH, Ro YJ, Hur MH. Effects of Aromatherapy on Menstrual Cramps and Dysmenorrhea in College Student Woman: a Blind Randomized Clinical Trial. The journal of korean academic society of adult nursing. 2001;13(3):420-30.	language other than English - likely eligible
Han 2002	Han SH, Hur MH, Kang JY. Effects of Aromatherapy on the Stress Response of College Women with Dysmenorrhea during Menstruation. Journal of korean academy of nursing. 2002;32(3):317-26.	language other than English - likely eligible
Han 2003	Han SH, Yang BS, Kim HJ. Effectiveness of aromatherapy massage on abdominal obesity among middle aged women. Taehan Kanho Hakhoe chi. 2003;33(6):839-46.	language other than English - likely eligible

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Hassanshahi 2020	Hassanshahi S, Parvizi MM, Bahreini M, Pouladi S, Mirzaei K. Investigating the effect of the aroma inhalation of orange and lavender essential oils in comparison with placebo on the level of anxiety in clients in a dental clinic in Shiraz: a double-blind controlled randomized clinical trial. <i>Journal of medicinal plants</i> . 2020;19(74):295-309.	language other than English - likely eligible
Houshyar 2015	Houshyar AE, Rezaie HH, Jahani Y, Kazemi M, Monfared S. Comparison of two methods of aromatherapy with lavender essence and Transcutaneous Electrical Nerve Stimulation (TENS) on cesarean postoperative pain. <i>Iranian journal of obstetrics, gynecology and infertility</i> . 2015;18(146):6-12.	language other than English - likely eligible
Hur 2003	Hur MH, Park MH. Effects of Aromatherapy on Labor Process, Labor Pain, Labor Stress Response and Neonatal Status of Primipara: randomized Clinical Trial. <i>Korean journal of obstetrics and gynecology</i> . 2003;46(4):776-83.	language other than English - likely eligible
Hur 2005	Hur MH, Cheong N, Yun H, Lee M, Song Y. Effects of delivery nursing care using essential oils on delivery stress response, anxiety during labor, and postpartum status anxiety. <i>Taehan Kanho Hakhoe chi</i> . 2005;35(7):1277-84.	language other than English - likely eligible
Hwang 2006	Hwang JH. The effects of the inhalation method using essential oils on blood pressure and stress responses of clients with essential hypertension. <i>Taehan Kanho Hakhoe chi</i> . 2006;36(7):1123-34.	language other than English - likely eligible
Jafari-Koulaee 2019	Jafari-Koulaee A, Khenarinezhad F, Sharifi Razavi A, Bagheri-Nesami M. The effect of aromatherapy with lavender essence on depression and headache disability in migraine patients: a randomized clinical trial. <i>Journal of medicinal plants</i> . 2019;18(70):162-72.	language other than English - likely eligible
Jamshidi 2021	Jamshidi Z, Molavynejad S, Shahbazian H, Maraghi E. The effect of inhalation aromatherapy using lavender oil on the severity of headache in hemodialysis patients. <i>HAYAT</i> . 2021;27(1):1-13.	language other than English - likely eligible
Kheiriyat 2016	Kheiriyat F, Najafabadi MT, Mousavi P, Haghighizadeh H, Namjuyan F. Effect of dill essence and mefenamic acid on postpartum pain. <i>Iranian Journal of Obstetrics, Gynecology and Infertility</i> . 2016;19(4):8-16.	language other than English - likely eligible
Kheirkhah 2013	Kheirkhah M, Setayesh Valipour N, Neisani Samani L, Haghani H. Effect of aromatherapy with essential damask rose oil on anxiety of the active phase of labor nulliparous women. <i>Journal of urmia nursing & midwifery faculty</i> . 2013;11(6):428-33.	language other than English - likely eligible
Kim 2005	Kim MA, Sakong JK, Kim EJ, Kim EH, Kim EH. Effect of aromatherapy massage for the relief of constipation in the elderly. <i>Taehan Kanho Hakhoe chi</i> . 2005;35(1):56-64.	language other than English - likely eligible
Kim 2006	Kim MH, Sung KW. The Effects of Aroma Foot Massage on the Anxiety, Pain and Sleep Satisfaction during Colonoscopy under Conscious Sedation. <i>J korean acad community health nurs</i> . 2006;17(1):91-101.	language other than English - likely eligible
Kim 2007	Kim TI, Nam MJ. Effects of Abdominal Meridian Massage with Aroma Oils on Relief of Constipation in Institutionalized Children with Cerebral Palsy. <i>Journal of korean academy of child health nursing</i> . 2007;13(1):90-101.	language other than English - likely eligible
Kim 2009	Kim SM. The Effects of Aromatherapy and Hand Massage on Anxiety, Sleep, and Depression in the Female Aged at Residential Facilities. <i>J korean acad community health nurs</i> . 2009;20(4):493-502.	language other than English - likely eligible
Kim 2013	Kim IS, Yang HJ, Im ES, Kang HY. The Effects of Aroma Foot Reflex Massage on Mood States and Brain Waves in Women Elderly with Osteoarthritis. <i>Korean journal of adult nursing</i> . 2013;25(6):644-54.	language other than English - likely eligible
Kim 2015	Kim J, Kim SY, No IS. Effects of Meatal Care with Essential Oil on the Meatal Status of Elderly Women Patients. <i>J korean acad fundam nurs</i> . 2015;22(2):139-48.	language other than English - likely eligible
Koohestani Ein 2020	Koohestani Ein ODR, Faghih A, Ahmadi Z, Jamhiri R, Hosseini Teshnizi S, Farshidi H. The effect of inhalation of peppermint aroma on anxiety in patients undergoing coronary angiography. <i>HAYAT</i> . 2020;26(3):266-79.	language other than English - likely eligible
Koohestani Ein 2020	Koohestani Ein ODR, Faghih A, Ahmadi Z, Jamhiri R, Hosseini Teshnizi S, Farshidi H. The effect of inhalation of peppermint aroma on anxiety in patients undergoing coronary angiography. <i>HAYAT</i> . 2020;26(3):266-79.	language other than English - likely eligible
Kwon 2001	Kwon GI, Ha SW, Cheong YS, Park EW, Yoo SM. Effectiveness of aromatherapy in smoking cessation. <i>Journal of the korean academy of family medicine</i> . 2001;22(7):1105-11.	language other than English - likely eligible
Lee 2003	Lee SH, Park KM, Kwon YS. Effects of Smoking Cessation Program applying Aromatherapy massage on Smoking cessation in female college students. <i>J korean community nurs</i> . 2003;14(4):608-16.	language other than English - likely eligible
Lee 2011	Lee E, Kim B, Sa I, Moon K, Kim J. The effects of aromatherapy on sleep disorders, satisfaction of sleep and fatigue in hemodialysis patients. <i>Korean journal of adult nursing</i> . 2011;23(6):615-23.	language other than English - likely eligible
Lyu 2021	Lyu XF. Optimal pulse technology combined with tea tree essential oil paste in the treatment of Demodex blepharitis. <i>International Eye Science</i> . 2021:178-81.	language other than English - likely eligible
Mahdizadeh 2018	Mahdizadeh A, Tafazoli M, Mazloun SR, Manteghi A, Asili J, Noras MR. Effect of orange scent on preventing of postpartum depression: a randomized clinical trial. <i>Iranian journal of obstetrics, gynecology and infertility</i> . 2018;21(9):93-100.	language other than English - likely eligible
Malakouti 2016	Malakouti J, Farshbaf Khalili A, Asghari Jafarabadi M, Jabbari F. Effect of combined inhaler aromatherapy on sexual function in postmenopausal women: a randomized controlled trial. <i>Iranian journal of obstetrics, gynecology and infertility</i> . 2016;19(1):9-15.	language other than English - likely eligible
Meshgin Abadi 2013	Meshgin Abadi N, Ramezani Badr F, Mahmoodi KH. The use of aromatherapy massage to reduce backpain after percutaneous coronary intervention(PCI): a semi-experimental study. <i>Journal of zanzan university of medical sciences and health services</i> . 2013;21(86):24-34.	language other than English - likely eligible
Mesri 2017	Mesri M, Hosseini SM, Heydarifar R, Mirzadeh M, Forozanmeher M. Effect of Lavender Aromatherapy on Anxiety and Hemodynamic Changes: a Randomized Clinical Trial. <i>Qom university of medical sciences journal</i> . 2017;10(12):1-3.	language other than English - likely eligible
Mirmohamad Aliei 2013	Mirmohamad Aliei M, Khazaie F, Rahnama P, Rahimikian F, Modarres M, Bekhradi R, et al. Effect of lavender on pain during insertion of intrauterine device: a clinical trial. <i>Journal of babol university of medical sciences</i> . 2013;15(4):93-9.	language other than English - likely eligible

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Mohamadinasab 2019	Mohamadinasab S, Ravari A, Mirzaei T, Sayadi AR. The effect of aromatherapy with essential rose oils on blood pressure in hypertensive patients. Journal of medicinal plants. 2019;4(72):202-14.	language other than English - likely eligible
Mohamadkhani-Shahri 2017	Mohamadkhani-Shahri L, Abbaspoor Z, Aghel N, Mohammadkhani Shahri H. Effect of massage aromatherapy with Lavender oil on pain intensity of active phase of labor in nulliparous women. Journal of medicinal plants. 2017;2(42).	language other than English - likely eligible
Monfared 2020	Monfared A, Jirdehi MM, Ghanaei FM, Joukar F, Leyli EK. The effect of lavender essential oil aromatherapy on the anxiety of endoscopy candidates: A clinical trial. Iran Journal of Nursing. 2020;32(122):55-68.	language other than English - likely eligible
Najafi 2014	Najafi Z, Tagharrobi Z, Shahriyari-Kale-Masihi M. Effect of aromatherapy with Lavender on sleep quality among patients undergoing hemodialysis. Feyz journal of kashan university of medical sciences. 2014;18(2):145-50.	language other than English - likely eligible
Namazi 2014	Namazi M, AliAkbari SA, Mojab F, Talebi A, Majd HA, Jannesari S. Investigating the effects of aromatherapy with citrus aurantium oil on anxiety during the first stage of labor. Iranian Journal of Obstetrics, Gynecology and Infertility. 2014;17(111):12-9.	language other than English - likely eligible
Nehbandanii 2018	Nehbandanii Z, Rezayee Kahkha Galeh M, Bordbari M, Koochakzai M. Comparison the effects of aromatherapy with rose extract and lavender on the pain of the active phase of labor in primipara women. Scientific Journal of Kurdistan University of Medical Sciences. 2018 Nov 10;23(5):45-54.	language other than English - likely eligible
Nilforoushzadeh 2012	Nilforoushzadeh, M. A., Asghari, G., Jaffary, F., Tabrizchi, M. Anti-Itching and Healing Effects of Ointments Containing Herbal Essential Oils of Mentha Piperita, Eucalyptus Globulus, Caryophyllus Aromaticus, Cinnamomum Ceylanicom in Skin Eczema. Journal of Isfahan Medical School, 2012; 29(173): 2945-2953.	language other than English - likely eligible
Ozgoli 2011	Ozgoli G, Shahveh M, Esmaili S, Nassiri N. Essential oil of citrus sinensis for the treatment of premenstrual syndrome; a randomized double-blind placebo-controlled trial. Journal of reproduction & infertility. 2011;12(2):123-9.	language other than English - likely eligible
Roh 2013	Roh SY, Kim KH. Effects of aroma massage on pruritus, skin pH, skin hydration and sleep in elders in long-term care hospitals. Journal of Korean Academy of Nursing. 2013;43(6):726-35.	language other than English - likely eligible
Sajjadi 2018	Sajjadi M, Bahri N, Abavisani M. Aromatherapy massage with geranium essence for pain reduction of primary dysmenorrhea: a double blind clinical trial. Iranian journal of obstetrics, gynecology and infertility. 2018;20(12):50-7.	language other than English - likely eligible
Schulz 2006	Schulz V. A successful pilot study on the efficacy of lavender oil as aroma therapy in 10 patients with sleep disorders: comment. Zeitschrift fur phytotherapie. 2006;27(6):284-5.	language other than English - likely eligible
Sharifipour 2017	Sharifipour F, Bakhteh A, Salary N. The effect of salvia aroma on labor anxiety among primigravida and multigravida women: A randomized clinical trial. HAYAT. 2017;23(2):162-72.	language other than English - likely eligible
Song 2016	Song JM, Park HJ. Effects of 10% Lidocaine Spray and Aroma Hand Massage on Pain, Anxiety, Blood Pressure, and Pulse During Arteriovenous Fistula Needling in Hemodialysis Patients. Korean j rehabil nurs. 2016;19(1):1-11.	language other than English - likely eligible
Soto-Vasquez 2016	Soto-Vasquez MR, Alvarado-Garcia PAA. Aromatherapy based on essential oil of satureja brevicalyx "inka muna" and mindfulness meditation in anxiety treatment. Medicina Naturista. 2016;10(1):45-50.	language other than English - likely eligible
Stafunsky 1989	Stafunsky M, Von Manteuffel GE, Swoboda M. Therapy of acute tracheobronchitis with volatile oils and inhalation of a saline aerosol: a double blind trial. Zeitschrift fur phytotherapie. 1989;10(4):130-4.	language other than English - likely eligible
Sun 2005	Sun J, Huang M, Sung M, Wang H, Chang Y. A pilot study on the effects of essential oil massage to relieve primary dysmenorrhea. Journal of evidence-based nursing. 2005;1(3):195-201.	language other than English - likely eligible
Tayebi 2015	Tayebi A, Dehkordi AK, Ebadi A, Sahraei H, Einollahi B. The effect of aromatherapy with lavender essential oil on depression, anxiety and stress in hemodialysis patients: A clinical trial. Evidence Based Care. 2015;5(2):65-74.	language other than English - likely eligible
Torki 2020	Torki B, Taghizadeh Firouzjaei I, Taghadosi M. Comparing the effect of EMLA cream and lavender oil on severity of pain caused by enoxaparin injection in cardiac patients. Journal of Mazandaran University of Medical Sciences. 2020 Apr 10;30(183):1-0.	language other than English - likely eligible
Tsai 2020	Tsai J, Chung YC, Chen FP, Yeh ML. Effect of Aromatherapy on Menopausal Symptoms, Heart Rate Variability, and Sleep Quality in Women. Hu li za zhi [Journal of nursing]. 2020;67(1):44-54.	language other than English - likely eligible
Vaezi 2017	Vaezi AA, Parizi S, Vahidi; AR, Tavangar H. Study the effect of inhalation of peppermint oil on depression and anxiety in patients with myocardial infarction who are hospitalized in intensive care units of Sirjan. (2017): 55-62.	language other than English - likely eligible
Valipour 2020	Valipour NS, Kheirkhah M, Amirkhazadeh-Barandouzi Z, Samani LN. Comparison of the efficacy of aromatherapy and foot spa bath on labor pain in primiparous women: a randomized controlled trial. Koimesh. 2020;22(1):60-6.	language other than English - likely eligible
Won 2015	Won SJ, Chae YR. The Effects of Aroma Therapy on Allergic Symptoms, Eosinophil, and the Quality of Life related to Rhinitis in University Students with Allergic Rhinitis. Korean j adult nurs. 2015;27(4):438-48.	language other than English - likely eligible
Won 2015	Won SJ, Chae YR. The Effects of Aroma Therapy on Allergic Symptoms, Eosinophil, and the Quality of Life related to Rhinitis in University Students with Allergic Rhinitis. Korean j adult nurs. 2015;27(4):438-48.	language other than English - likely eligible
Xiao 2018	Xiao Y, Li L, Xie Y, Xu J, Liu Y. Effects of aroma therapy and music intervention on pain and anxious for breast cancer patients in the perioperative period. Zhong nan da xue xue bao Yi xue ban [Journal of Central South University Medical sciences]. 2018;43(6):656-61.	language other than English - likely eligible
Yang 2021	Yang MH, Hou CJ. Effects of aromatherapy on depression and loneliness in elderly with frailty living in day-care centers. Journal of Nursing. 2021;68(3):54-63.	language other than English - likely eligible
Chung 2011	Chung MY. Effects of Aroma Massage on Constipation in Women College Students. Journal of korean academy of rural health nursing. 2011;6(2):78-86.	language other than English - unclear whether eligible
Ghods 2014	Ghods AA, Hoseini-Abfroosh N, Ghorbani R, Asgari MR. Effect of lavender inhalation on pain intensity during insertion of vascular needles in hemodialysis patients. Journal of babol university of medical sciences. 2014;16(10):7-14.	language other than English - unclear whether eligible

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Li 1995	Li JY. Treating 202 patients with vaginitis by multifunctional aromatic available healthy Kun Dian (Perineum Pad). Hebei journal of traditional chinese medicine[hebei zhong yi]. 1995;17(3):19.	language other than English - unclear whether eligible
Liu 2013	Liu WN, Gan HR, Fang CZ. Shoulder back lumbar pain treated with application with argy wormwood feeleaf volatile oil. Zhongguo zhen jiu [Chinese acupuncture & moxibustion]. 2013;33(2):171-2.	language other than English - unclear whether eligible
Moriya 2000	Moriya K. The effect of foot bathing with lavender oil on the nocturnal sleep. Aroma research. 2000;1(4):62.	language other than English - unclear whether eligible
Almeida De Melo 2015	Almeida De Melo L, Faria Candido E, Albuquerque Jr R, De Santana Santos B, Xavier Filho L, Dantas R, et al. Effects of the use of Alpinia's zerumbet essential oil in patients with fibromyalgia. Journal of pain. 2015;16(4 SUPPL. 1):S111.	reported in an abstract only
Arnold 2018	Arnold LE. Placebo-Controlled Pilot Data for Three Complementary/Alternative Treatments in Autism. Journal of the american academy of child and adolescent psychiatry. 2018;57(10):S117-.	reported in an abstract only
Atwal 2016	Atwal R, Hayes J, Nanalal C. Lavender aromatherapy to reduce anxiety levels in brain, head and neck and breast patients during their CT simulation appointment for radiation therapy. Journal of medical imaging and radiation sciences Conference: 12th annual radiation therapy conference, rti3 2016 toronto, ON united states Conference start: 20160304 conference end: 20160305 Conference publication: (varpagings). 2016;47(1 SUPPL. 1):S25.	reported in an abstract only
Babakhanyan 2000	Babakhanyan A, Khanamiryan R. Aromatherapeutic aspects of using lemon sorgho ether oil. 4th european congress of oto-rhino-laryngology head and neck surgery (EUFOS), may 13-18 2000, berlin, germany Laryngo-rhino-otologie. 2000;79(Suppl 1):S10.	reported in an abstract only
Badre 2018	Badre G, Croy I, Olausson H, Ackerley R. A pilot study on a possible impact of aromas on sleep quality in subjects with mild to moderate insomnia. Journal of sleep research. 2018;27:164-5.	reported in an abstract only
Ezzine 2015	Ezzine A, Ben Fredj M, Jabeur C, Melki S, Sfar R, Guezguez M. Lung metastasis from differentiated thyroid carcinoma: characteristics and prognosis factors. European journal of nuclear medicine and molecular imaging (varpagings). 2015;42(1 SUPPL. 1):S594.	reported in an abstract only
Goldust 2020	Goldust M, Alipour H. Efficacy of topical ivermectin vs. tea tree oil for the treatment of scabies. Journal of the dermatology nurses' association. 2020;12(2).	reported in an abstract only
Gonzalez-Mangado 1995	Gonzalez-Mangado N, Yates DH, Peces-Barba G, Greensmith MJ, Romo I, Barnes PJ. Effect of an aromatic inhalation on airway function in asthmatic patients. European respiratory journal - supplement. 1995;8(Suppl 19):434S.	reported in an abstract only
Grabnar 2020	Grabnar M, Kim CH, Mueller MR. Effects of lavender on pain and anxiety associated with interventional spine procedures. PM and r. 2020;12(SUPPL 1):S53-S4.	reported in an abstract only
Hanson 2013	Hanson L, Cagan A, Rinehimer K, Flottesmesch T, Clairmont J, Sackett-Lundeen L, et al. Lavender essential oil improves sleep in residents of a memory care assisted living facility. Alzheimer's and dementia. 2013;9(4 SUPPL. 1):P655-P6.	reported in an abstract only
Hollway 2019	Hollway JA, Arnold LE, Pan X, Wong T, Li C, Williams CE, et al. 12.1 Essential oils for improving quality of life and anxiety in ASD. Journal of the American Academy of Child and Adolescent Psychiatry. 2019;58(10):S316-.	reported in an abstract only
Hozumi 2016	Hozumi H, Tsunenari T, Tomimatsu S. Aromatherapy can attenuate anxiety and anxiety-related abdominal discomfort during colonoscopy. Gastrointestinal endoscopy. 2016;83(5):AB446-.	reported in an abstract only
Imani 2015	Imani M, Mahdizade SM, Mazloom SR, Shakeri M, Emami A. The effects of aurantium scent on sleep quality in patients undergoing hemodialysis in select hospitals affiliated to Mashhad university of medical sciences in 2014. Avicenna journal of phytomedicine. 2015;5:62.	reported in an abstract only
Kevric 2018	Kevric J, Hall J, Ochoa S. Use of essential oils in dermatology surgery. Journal of the dermatology nurses' association. 2018;10(4):220-.	reported in an abstract only
Kwon 2011	Kwon NK, Lee SS, Lee DR, Yoon TK, Jang TS, Chun SI. Effect of halfbirth with aromatherapy for stress relief during in vitro fertilization program. Fertility and sterility. 2011;96 Suppl(3):S196 P-303.	reported in an abstract only
Lerias 2017	Lerias HL, Ingles S. Optimizing comfort with aromatherapy in wound and ostomy patients...WOCN Society's 49th Annual Conference, Salt Lake City, Utah, May 19-23, 2017. Journal of wound, ostomy, and continence nursing. 2017;44:S16.	reported in an abstract only
Lunny 1995	Lunny V, Martinez JA, Justiniano G. Aroma therapy treatement for postoperative scarring. A randomised controlled trial. Forschende komplementarmedizin. 1995;2(6):353.	reported in an abstract only
Mirmohamadali 2010	Mirmohamadali M, Khazaei F, Modaress M, Bekhradi R. The effect of lavender essential oil on anxiety & pain of intra uterine device insertion. European journal of contraception & reproductive health care. 2010;15:146.	reported in an abstract only
Nourbakhsh 2012	Nourbakhsh S, Taavoni S. Effect of aromatherapy on labor pain: a randomized control trial study in bandarabbas, year 2010. European psychiatry. 2012;27.	reported in an abstract only
Nourbakhsh 2012	Nourbakhsh S, Darsareh F. Randomized trial evaluating the aroma inhalation on the duration of labor. International journal of gynaecology and obstetrics. 2012;119:S798.	reported in an abstract only
O'Shea 2003	O'Shea C, Moriarty M, Cockerham G, McLoughlin R. Randomised pilot study of an exercise and aromatherapy massage programme either singly or combined in the treatment of patients who have had breast cancer. All-ireland cancer conference; 2003 oct 19-22. 2003:49.	reported in an abstract only
Parris 2019	Parris W, Johnson B, Eriator I. A Randomized Placebo-Controlled pilot Study of a Topical Herbal Analgesic for the Management of Chronic Musculo-skeletal Pain. Postgraduate medicine. 2019;131(SUPPL 1):119-.	reported in an abstract only
Pattison 2019	Pattison N, O'Gara G, Dyer J, Thomas K, Wigmore T. A feasibility study of a randomised intervention to enhance sleep in the ICU using aromatherapy massage. Journal of the intensive care society. 2019;20(2):192-.	reported in an abstract only

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Rose 2016	Rose J, Kingsley R, Edmundson E, Connelly M. A preliminary investigation in the efficacy of geranium essential oil and hand m technique in reducing workplace stress in hospital workers. Journal of alternative and complementary medicine (New York, NY). 2016;22(6):A140-A1.	reported in an abstract only
Saller 1990	Saller R, Beschorner M, Hellenbrecht D, Buhning M. Dose dependency of symptomatic relief of complaints by chamomile steam inhalation in patients with common cold. European journal of pharmacology. 1990;183(3):728-9.	reported in an abstract only
Seol 2017	Seol GH, Yu SH, Min SS. Linalyl acetate alleviate pain and urinary residual sense after colorectal cancer surgery. Clinical therapeutics. 2017;39(8):e73-e4.	reported in an abstract only
Shah 2017	Shah Y, Spoo M, Jeitler M, Steckhan N, Stange R, Uehleke B, et al. Efficacy and safety of an ethanolic solution of peppermint oil for patients with episodic Tension type headache: eUMINZ® a randomized controlled trial. Zeitschrift fur phytotherapie. 2017;38.	reported in an abstract only
Stenka 2017	Stenka K, Izdebski P. Influence of scents secreted via aroma interface on emotions and side effects during chemotherapy in breast cancer patients. Psycho-oncology. 2017;26:162-.	reported in an abstract only
Takinami 2008	Takinami K, Furuya D, Asakura T. Aromatherapy for establishing sleep rhythm in patients with acute stroke. International journal of stroke. 2008;3(Suppl 1):298-9.	reported in an abstract only
Tosun 2014	Tosun O, Erdem E, Elmali F, Kurtoglu S. The effect of aromatherapy, music therapy and vibration applications on neonatal stress and behaviours. Archives of disease in childhood. 2014;99:A82-A3.	reported in an abstract only
Vent 2018	Vent J, Vitinius F, Huttenbrink KB. Interval, inspiration-triggered nocturnal odorant application by a novel device: a patientblinded, randomised crossover, pilot trial on mood and sleep quality of depressed female inpatients. Laryngo-rhino-otologie. 2018;97:S348-S9.	reported in an abstract only
Zadeh 2015	Zadeh MH, Moradi H. Assessment of the impact of massaging with aromatic oil on relieving itchy skin in the patients undergoing dialysis. Avicenna journal of phytomedicine. 2015;5:101-2.	reported in an abstract only
Zarifnejad 2015	Zarifnejad G, Eshghi E, Mirhaghi A, Ghorbanzade H. The effects of aromatherapy with lavender essential oil on the severity of headaches induced by nitroglycerin infusion in patients admitted to the coronary care unit. Avicenna journal of phytomedicine. 2015;5:36.	reported in an abstract only
Bagheri-Nesami 2014	Bagheri-Nesami M, Espahbodi F, Nikkhah A, Shorofi SA, Charati JY. The effects of lavender aromatherapy on pain following needle insertion into a fistula in hemodialysis patients. Complementary therapies in clinical practice. 2014;20(1):1-4.	unclear from full report whether eligible
Bikmoradi 2021	Bikmoradi A, Roshanaei G, Moradkhani S, Fatahi A. Impact of inhalation aromatherapy with Damask Rose (Rosa damascena) on stress, anxiety and hemodynamic parameters of patients undergoing coronary angiography: a single blind randomized clinical trial. Journal of Complementary and Integrative Medicine. 2021 May 20.	unclear from full report whether eligible
Braden 2009	Braden R, Reichow S, Halm MA. The use of the essential oil lavandin to reduce preoperative anxiety in surgical patients. Journal of perianesthesia nursing : official journal of the american society of perianesthesia nurses. 2009;24(6):348-55.	unclear from full report whether eligible
Brownfield 1998	Brownfield A. Aromatherapy in arthritis: a study. Nursing standard (Royal College of Nursing (Great Britain) : 1987). 1998;13(5):34-5.	unclear from full report whether eligible
Chang 2017	Chang YY, Lin CL, Chang LY. The Effects of Aromatherapy Massage on Sleep Quality of Nurses on Monthly Rotating Night Shifts. Evidence-based complementary & alternative medicine (ecam). 2017;2017:1-8.	unclear from full report whether eligible
Chughtai 2018	Chughtai A, Navaee M, Alijanvand MH, Yaghoubinia F. Comparing the effect of aromatherapy with essential oils of rosa damascena and lavender alone and in combination on severity of pain in the first phase of labor in primiparous women. Crescent journal of medical and biological sciences. 2018;5(4):312-9.	unclear from full report whether eligible
Farnia 2015	Farnia V, Shirzadifar M, Shakeri J, Rezaei M, Bajoghli H, Holsboer-Trachsler E, et al. Rosa damascena oil improves SSRI-induced sexual dysfunction in male patients suffering from major depressive disorders: results from a double-blind, randomized, and placebo-controlled clinical trial. Neuropsychiatr Dis Treat. 2015;11:625-35.	unclear from full report whether eligible
Farnia 2017	Farnia V, Tatari F, Alikhani M, Shakeri J, Taghizadeh M, Karbasizadeh H, et al. Rosa Damascena oil improved sexual function and testosterone in male patients with opium use disorder under methadone maintenance therapy-results from a double-blind, randomized, placebo-controlled clinical trial. Drug and alcohol dependence. 2017;176:117-25.	unclear from full report whether eligible
Farnia 2017	Farnia V, Tatari F, Alikhani M, Yazdchi K, Taghizadeh M, Sadeghi Bahmani D, et al. Rosa Damascena oil improved methadone-related sexual dysfunction in females with opioid use disorder under methadone maintenance therapy - results from a double-blind, randomized, and placebo-controlled trial. Journal of psychiatric research. 2017;95:260-8.	unclear from full report whether eligible
Fujii 2008	Fujii M, Hatakeyama R, Fukuoka Y, Yamamoto T, Sasaki R, Moriya M, et al. Lavender aroma therapy for behavioral and psychological symptoms in dementia patients. Geriatrics & gerontology international. 2008;8(2):136-8.	unclear from full report whether eligible
Islam 2021	Islam MU, Nayab M, Ansari AN. Effect of dry cupping versus soft and prolonged massage in the management of knee osteoarthritis - A randomized controlled clinical trial. Journal of Complementary and Integrative Medicine. 2021 Dec 1;18(4):797-804.	unclear from full report whether eligible
Kalayasiri 2018	Kalayasiri R, Maneesang W, Maes M. A novel approach of substitution therapy with inhalation of essential oil for the reduction of inhalant craving: a double-blinded randomized controlled trial. Psychiatry research. 2018;261:61-7.	unclear from full report whether eligible
Kenari 2020	Kenari HM, Akhavan M, Sadeghian M, Ghobadi A, Nakhaie S, Rampisheh Z, et al. Efficacy of abdominal massage with mastic gum oil on gastroesophageal reflux disease symptoms of infant: a randomized controlled trial. Integr Med Res. 2020;9(4):100396.	unclear from full report whether eligible
Kouzuki 2020	Kouzuki M, Kitao S, Kaju T, Urakami K. Evaluation of the effect of aroma oil as a bath salt on cognitive function. Psychogeriatrics. 2020;20(2):163-71.	unclear from full report whether eligible

Study ID	Reference	Reason for awaiting assessment
Mohammadpour 2020	Mohammadpour M, Maleki S, Khorrami-Nejad M. The effect of tea tree oil on dry eye treatment after phacoemulsification cataract surgery: a randomized clinical trial. <i>European journal of ophthalmology</i> . 2020;30(6):1314-9.	unclear from full report whether eligible
Musharraf 2017	Musharraf MU, Ahmad Z, Yaqub Z. Comparison of topical capsaicin and topical turpentine Oil for treatment of painful diabetic neuropathy. <i>Journal of Ayub Medical College, Abbottabad</i> . 2017;29(3):384-7.	unclear from full report whether eligible
Nardarajah 2018	Nardarajah D, Dhanraj M, Jain AR. Effects of lavender aromatherapy on anxiety levels of patients undergoing mandibular third molar extraction. <i>Drug invention today</i> . 2018;10(7):1318-22.	unclear from full report whether eligible
Otaghi 2017	Otaghi M, Qavam S, Norozi S, Borji M, Moradi M. Investigating the effect of lavender essential oil on sleep quality in patients candidates for angiography. <i>Biomedical and pharmacology journal</i> . 2017;10(1):473-8.	unclear from full report whether eligible
Salmalian 2014	Salmalian H, Saghebi R, Moghadamnia AA, Bijani A, Faramarzi M, Amiri FN, et al. Comparative effect of thymus vulgaris and ibuprofen on primary dysmenorrhea: a triple-blind clinical study. <i>Caspian journal of internal medicine</i> . 2014;5(2):82-8.	unclear from full report whether eligible
Seyyed-Rasooli 2016	Seyyed-Rasooli A, Salehi F, Mohammadpoorasl A, Goljaryan S, Seyyedi Z, Thomson B. Comparing the effects of aromatherapy massage and inhalation aromatherapy on anxiety and pain in burn patients: a single-blind randomized clinical trial. <i>Burns</i> . 2016;42(8):1774-80.	unclear from full report whether eligible
Shammas 2021	Shammas RL, Marks CE, Broadwater G, Le E, Glener AD, Sergesketter AR, et al. The Effect of Lavender Oil on Perioperative Pain, Anxiety, Depression, and Sleep after Microvascular Breast Reconstruction: A Prospective, Single-Blinded, Randomized, Controlled Trial. <i>J Reconstr Microsurg</i> . 2021;37(6):530-40.	unclear from full report whether eligible
Stirling 2007	Stirling L, Raab G, Alder EM, Robertson F. Randomized trial of essential oils to reduce perioperative patient anxiety: feasibility study. <i>Journal of advanced nursing</i> . 2007;60(5):494-501.	unclear from full report whether eligible
Tang 2014	Tang SK, Tse MYM. Aromatherapy: does it help to relieve pain, depression, anxiety, and stress in community-dwelling older persons? <i>Biomed research international</i> . 2014;2014(no pagination).	unclear from full report whether eligible
Tate 1997	Tate S. Peppermint oil: a treatment for postoperative nausea. <i>Journal of advanced nursing</i> . 1997;26(3):543-9.	unclear from full report whether eligible
Valkova 2007	Valkova S. UVB phototherapeutic modalities. Comparison of two treatments for chronic plaque psoriasis. <i>Acta dermatovenerologica alpina, pannonica, ET adriatica</i> . 2007;16(1):26-30.	unclear from full report whether eligible
Zahmatkash 2011	Zahmatkash M, Vafaeenasab MR. Comparing analgesic effects of a topical herbal mixed medicine with salicylate in patients with knee osteoarthritis. <i>Pakistan journal of biological sciences : PJBS</i> . 2011;14(13):715-9.	unclear from full report whether eligible
Zalomonson 2019	Zalomonson S, Freud T, Punchik B, Samson T, Lebedinsky S, Press Y. The results of a crossover placebo-controlled study of the effect of lavender oil on behavioral and psychological symptoms of dementia. <i>Rejuvenation Research</i> . 2019;22(3):246-53.	unclear from full report whether eligible