

Etudes Cliniques / Rapports de Cas

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- Amélioration des symptômes ou évaluation positive par les auteurs
- Aucune amélioration significative des symptômes ou évaluation négative par les auteurs
- ❖ Détérioration des symptômes

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Nausées et vomissements - chimiothérapie anticancéreuse

Études contrôlées

Dronabinol

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- Neidhart JA, Gagen MM, Wilson HE, Young DC. Comparative trial of the antiemetic effects of THC and haloperidol. International Journal of Clinical Pharmacology Research 1981; 21: 38-42S.
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- Ungerleider JT, Andrysiak T, Fairbanks L, Goodnight J, Sarna G, Jamison K. Cannabis and cancer chemotherapy. A comparison of oral delta-9-THC and prochlorperazine. *Cancer* 1982;50:636-645.
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- Meiri E, Jhangiani H, Vredenburg JJ, Barbato LM, Carter FJ, Yang HM, Baranowski V. Efficacy of dronabinol alone and in combination with ondansetron versus ondansetron alone for delayed chemotherapy-induced nausea and vomiting. *Curr Med Res Opin* 2007;23(3):533-43.

Cannabis (fumé)

- Levitt M, Faiman C, Hawks R, Wilson A. Randomized double blind comparison of delta-9-tetrahydrocannabinol (THC) and marijuana as chemotherapy antiemetics. *Proceedings of the American Society for Clinical Oncology* 1984;3:91.

Cannabis (oral, sublingual)

- Duran M, Pérez E, Abanades S, Vidal X, Saura C, Majem M, Arriola E, Rabanal M, Pastor A, Farré M, Rams N, Laporte JR, Capellà D. Preliminary efficacy and safety of an oromucosal standardized cannabis extract in chemotherapy-induced nausea and vomiting. *Br J Clin Pharmacol* 2010;70(5):656-63.

Nabilone

- Ahmedzai S, Carlyle DL, Clader IT, Moran F. Anti-emetic efficacy and toxicity of nabilone, a synthetic cannabinoid, in lung cancer chemotherapy. *British Journal of Cancer* 1983;48:657-663.
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cancer patients. Cancer Treatment Reviews 1982; 9(suppl B): 49-53.

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Levonantradol

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Études non contrôlées

Delta-8-THC

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Cannabis (fumé)

- Vinciguerra V, Moore T, Brennan E. Inhalation marijuana as an antiemetic for cancer chemotherapy. New York State Journal of Medicine 1988;88:525-527.
- Musty RE, Rossi R. Effects of smoked cannabis and oral delta-9-tetrahydrocannabinol on nausea and emesis after cancer chemotherapy: A review of state clinical trials. J Cannabis Ther 2001;1(1):29-42.

Rapports de cas, enquêtes

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- Schwartz RH, Voth EA, Sheridan MJ. Marijuana to prevent nausea and vomiting in cancer patients: a survey of clinical oncologists. South Medical Journal 1997;90(2):167-72.

Nausées et vomissements - radiothérapie

Études contrôlées

Dronabinol

- Ungerleider JT, Andrysiak TA, Fairbanks LA, Tesler AS, Parker RG. Tetrahydrocannabinol vs. prochlorperazine. The effects of two antiemetics on patients undergoing radiotherapy. Radiology 1984;150(2):598-9.

Levonantradol

- Lucraft HH, Palmer MK. Randomised clinical trial of levonantradol and chlorpromazine in the prevention of radiotherapy-induced vomiting. Clinical Radiology 1982; 33: 621-622.

Nausées et vomissements - métastases

Études non contrôlées

Dronabinol

- Zutt M, Hanssle H, Emmert S, Neumann C, Kretschmer L. [Dronabinol for supportive therapy in patients with malignant melanoma and liver metastases] [Article in German]. Hautarzt 2006;57(5):423-7.

Rapports de cas, enquêtes

Dronabinol

- Gonzalez-Rosales F, Walsh D. Intractable nausea and vomiting due to gastrointestinal mucosal metastases relieved by tetrahydrocannabinol (dronabinol). Journal of Pain and Symptom Management 1997;14(5):311-314.

Nausées et vomissements - chirurgie

Études contrôlées

Dronabinol

- Layeeque R, Siegel E, Kass R, Henry-Tillman RS, Colvert M, Mancino A, Klimberg VS. Prevention of nausea and vomiting following breast surgery. Am J Surg 2006;191(6):767-72.

Nabilone

- Lewis IH, Campbell DN, Barrowcliffe MP. Effect of nabilone on nausea and vomiting after total abdominal hysterectomy. British Journal of Anaesthesia 1994; 73: 244-246.

Nausées et vomissements - VIH/sida

Études non contrôlées

Cannabis (fumé)

- de Jong BC, Prentiss D, McFarland W, Machekano R, Israelski DM. Marijuana use and its association with adherence to antiretroviral therapy among HIV-infected persons with moderate to severe nausea. J Acquir Immune Defic Syndr 2005;38(1):43-6.

Rapports de cas, enquêtes

Cannabis (fumé)

- Woolridge E, Barton S, Samuel J, Osorio J, Dougherty A, Holdcroft A. Cannabis use in HIV for pain and other medical symptoms. J Pain Symptom Manage 2005;29(4):358-67.
- Sidney S. Marijuana use in HIV-positive and AIDS patients: Results of a an anonymous mail survey. J Cannabis Ther 2001;1(3-4):35-43.
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Nausées et vomissements - traitement de l'hépatite C

Études non contrôlées

Dronabinol, Nabilone

- Costiniuk CT, Mills E, Cooper CL. Evaluation of oral cannabinoid-containing medications for the management of interferon and ribavirin-induced anorexia, nausea and weight loss in patients treated for chronic hepatitis C virus. Can J Gastroenterol 2008;22(4):376-80.

Cannabis (fumé)

- Sylvestre DL, Clements BJ, Malibu Y. Cannabis use improves retention and virological outcomes in patients treated for hepatitis C. Eur J Gastroenterol Hepatol 2006;18(10):1057-63.

Nausées et vomissements - grossesse

Rapports de cas, enquêtes

Cannabis (fumé)

- Curry W-NL. Hyperemesis gravidarum and clinical cannabis: To eat or not to eat? J Cannabis Ther 2002;2(3-4):63-83.
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Nausées et vomissements – Mal du transport

Etudes non contrôlées

- Choukèr A, Kaufmann I, Kreth S, Hauer D, Feuerecker M, Thieme D, Vogeser M, Thiel M, Schelling G. Motion sickness, stress and the endocannabinoid system. PLoS One 2010;5(5):e10752.

Nausées et vomissements - autres

Rapports de cas, enquêtes

Dronabinol

- Merriman AR, Oliak DA. Use of medical marijuana for treatment of severe intractable nausea after laparoscopic Roux-en-Y gastric bypass surgery: case report. Surg Obes Relat Dis, 26 January 2008 [Electronic publication ahead of print]

Nausées et vomissements - sujets sains

Études contrôlées

Cannabis (fumé)

- Soderpalm AH, Schuster A, de Wit H. Antiemetic efficacy of smoked marijuana: subjective and behavioral effects on nausea induced by syrup of ipecac. *Pharmacology, Biochemistry and Behavior* 2001;69(3-4):343-50.

Perte de l'appétit - VIH/sida

Études contrôlées

Dronabinol

- Beal JE, Olson R, Laubenstein L, Morales JP, Bellman P, Yangco B, Lefkowitz L, Plasse TF, Shepard KV. Dronabinol as a treatment for anorexia associated with weight loss in patients with AIDS. *Journal of Pain and Symptom Management* 1995;10(2):89-97.
- Timpone JG, Wright DJ, Li N, Egorin MJ, Enama ME, Mayers J, Galetto G, and the DATRI 004 Study Group. The safety and pharmacokinetics of single-agent and combination therapy with megestrol acetate and dronabinol for the treatment of HIV wasting syndrome. *AIDS Research and Human Retroviruses* 1997;13:305-315.
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- Haney M, Rabkin J, Gunderson E, Foltin RW. Dronabinol and marijuana in HIV(+) marijuana smokers: acute effects on caloric intake and mood. *Psychopharmacology (Berl)* 2005;181(1):170-8.
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Cannabis (fumé)

- Haney M, Rabkin J, Gunderson E, Foltin RW. Dronabinol and marijuana in HIV(+) marijuana smokers: acute effects on caloric intake and mood. *Psychopharmacology (Berl)* 2005;181(1):170-8.
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Études non contrôlées

Dronabinol

- Gorter R, Seefried M, Volberding P. Dronabinol effects on weight in patients with HIV infection. *AIDS* 1992;6:127.
- Plasse TF, Gorter RW, Krasnow SH, Lane M, Shepard KV, Wadleigh RG. Recent clinical experience with dronabinol. *Pharmacology, Biochemistry and Behavior* 1991;40:695-700.
- Plasse T, Conant M, Gorter R, Shepard KV. Dronabinol stimulates appetite and causes weight gain in HIV patients. *International Conference on AIDS* 1992;8(3):122 (abstract no. PuB 7442).
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Rapports de cas, enquêtes

Cannabis (fumé)

- Prentiss D, Power R, Balmas G, Tzuang G, Israelski DM. Patterns of marijuana use among patients with HIV/AIDS followed in a public health care setting. J Acquir Immune Defic Syndr 2004;35(1):38-45.
- Woolridge E, Barton S, Samuel J, Osorio J, Dougherty A, Holdcroft A. Cannabis use in HIV for pain and other medical symptoms. J Pain Symptom Manage 2005;29(4):358-67.
- Sidney S. Marijuana use in HIV-positive and AIDS patients: Results of a an anonymous mail survey. J Cannabis Ther 2001;1(3-4):35-43.
- Corless IB, Lindgren T, Holzemer W, Robinson L, Moezzi S, Kirksey K, Coleman C, Tsai YF, Sanzero Eller L, Hamilton MJ, Sefcik EF, Canaval GE, Rivero Mendez M, Kempainen JK, Bunch EH, Nicholas PK, Nokes KM, Dole P, Reynolds N. Marijuana Effectiveness as an HIV Self-Care Strategy. Clin Nurs Res 2009;18(2):172-93.

Perte d'appétit - cancer

Études contrôlées

Dronabinol

- Jatoi A, Windschitl HE, Loprinzi CL, Sloan JA, Dakhil SR, Mailliard JA, Pundaleeka S, Kardinal CG, Fitch TR, Krook JE, Novotny PJ, Christensen B. Dronabinol versus megestrol acetate versus combination therapy for cancer-associated anorexia: a North Central Cancer Treatment Group study. Journal of Clinical Oncology 2002;20(2):567-573.
- Regelson W, Butler JR, Schulz J, Kirk T, Peek L, Green ML, Zalis MO. Delta-9-tetrahydrocannabinol as an effective antidepressant and appetite-stimulating agent in advanced cancer patients. In: Braude MC, Szara S, editors. Pharmacology of marihuana. Vol 2. New York: Raven Press, 1976. p. 763-776.
- Wadleigh R, Spaulding GM, Lumbersky B, Zimmer M, Shepard K, Plasse T. Dronabinol enhancement of appetite in cancer patients. Proc Am Soc Oncology 1990; 9: 331.
- Strasser F, Luftner D, Possinger K, Ernst G, Ruhstaller T, Meissner W, Ko YD, Schnelle M, Reif M, Cerny T. Comparison of orally administered cannabis extract and delta-9-tetrahydrocannabinol in treating patients with cancer-related anorexia-cachexia syndrome: a multicenter, phase III, randomized, double-blind, placebo-controlled clinical trial from the Cannabis-in-Cachexia-Study-Group. J Clin Oncol 2006;24(21):3394-400.
- Brisbois TD, de Kock IH, Watanabe SM, Mirhosseini M, Lamoureux DC, Chasen M, Macdonald N, Baracos VE, Wismer WV. Delta-9-tetrahydrocannabinol may palliate altered chemosensory perception in cancer patients: results of a randomized, double-blind, placebo-controlled pilot trial. Ann Oncol. 2011 Feb 22.

Cannabis (oral, sublingual)

- Strasser F, Luftner D, Possinger K, Ernst G, Ruhstaller T, Meissner W, Ko YD, Schnelle M, Reif M, Cerny T. Comparison of orally administered cannabis extract and delta-9-tetrahydrocannabinol in treating patients with cancer-related anorexia-cachexia syndrome: a multicenter, phase III, randomized, double-blind, placebo-controlled clinical trial from the Cannabis-in-Cachexia-Study-Group. J Clin Oncol 2006;24(21):3394-400.

Études non contrôlées

Dronabinol

- Plasse TF, Gorter RW, Krasnow SH, Lane M, Shepard KV, Wadleigh RG. Recent clinical experience with dronabinol. *Pharmacology, Biochemistry and Behavior* 1991;40:695-700.
- Nelson K, Walsh D, Deeter P, Sheehan F. A phase II study of delta-9-tetrahydrocannabinol for appetite stimulation in cancer-associated anorexia. *Journal of Palliative Care* 1994;10:14-18.
- Gottschling S. [Cannabinoids in children] [Article en allemand] Cannabinoide bei Kindern. *Angewandte Schmerztherapie und Palliativmedizin* 2011;(1):55-57.

Perte de l'appétit - maladie d'Alzheimer

Études contrôlées

Dronabinol

- Volicer L, Stelly M, Morris J, McLaughlin J, Volicer BJ. Effects of dronabinol on anorexia and disturbed behavior in patients with Alzheimer's disease. *International Journal of Geriatric Psychiatry* 1997;12:913-919.

Études non contrôlées

Dronabinol

- Patel S, Shua-Haim JR, Pass M. Safety and efficacy of dronabinol in the treatment of agitation in patients with Alzheimer's disease with anorexia: A retrospective chart review. Abstract, 11th International Conference of the IPA, 17-22 August 2003, Chicago.

Perte de l'appétit - gériatrie

Études non contrôlées

Dronabinol

- Wilson MM, Philpot C, Morley JE. Anorexia of aging in long term care: is dronabinol an effective appetite stimulant? - a pilot study. *J Nutr Health Aging* 2007;11(2):195-8.

Perte de l'appétit - anorexie mentale

Études contrôlées

Dronabinol

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Perte de l'appétit - BPCO

Études non contrôlées

Dronabinol

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Perte de l'appétit - sujets sains

Études contrôlées

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Spasticité - sclérose en plaques

Études contrôlées

Dronabinol

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Nabilone

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Cannabis (oral, sublingual)

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Rapports de cas, enquêtes

Dronabinol

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Cannabis (fumé)

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Spasticité - traumatisme médullaire

Études contrôlées

Dronabinol

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Nabilone

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Études non contrôlées

Dronabinol

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Rapports de cas, enquêtes

Cannabis (fumé)

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Spasticité - origines diverses

Études contrôlées

Cannabis (oral, sublingual)

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Études non contrôlées

Dronabinol

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Rapports de cas, enquêtes

Dronabinol

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Douleurs - douleurs chroniques, neuropathiques/sclérose en plaques

Études contrôlées

Dronabinol

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Nabilone

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Cannabis (oral, sublingual)

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Cannabis (fumé)

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Études non contrôlées

Dronabinol

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Cannabis (oral, sublingual)

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Nabilone (oral)

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Cannabis (fumé)

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Douleurs - douleurs chroniques, cancer

Études contrôlées

Dronabinol

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Cannabis (oral, sublingual)

- Johnson JR, Burnell-Nugent M, Lossignol D, Ganae-Motan ED, Potts R, Fallon MT. Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study of the Efficacy, Safety, and Tolerability of THC:CBD Extract and THC Extract in Patients With Intractable Cancer-Related Pain. *J Pain Symptom Manage* 2010;39(2):167-79.

Benzopyranoperidine

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NIB

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Études non contrôlées

Dronabinol

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Nabilone

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Douleurs - rhumatismes

Études contrôlées

Cannabis (oral, sublingual)

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Douleurs - fibromyalgie

Études contrôlées

Nabilone

- Skrabek RQ, Galimova L, Ethans K, Perry D. Nabilone for the treatment of pain in fibromyalgia. *J Pain* 2008;9(2):164-73.
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Études non contrôlées

Dronabinol

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Rapports de cas, enquêtes

Cannabis (fumé)

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Douleurs - douleurs chroniques

Études contrôlées

Dronabinol

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Cannabis (oral, sublingual)

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Cannabis (fumé)

- Ware MA, Ducruet T, Robinson AR. Evaluation of herbal cannabis characteristics by medical users: a randomized trial. *Harm Reduct J* 2006;3(1):32

Nabilone

- Pinsger M, Schimetta W, Volc D, Hiermann E, Riederer F, Polz W. [Benefits of an add-on treatment with the synthetic cannabinomimetic nabilone on patients with chronic pain - a randomized controlled trial.] [Artikel in deutsch] *Wien Klin Wochenschr* 2006;118(11-12):327-35.

N-palmitoylethanolamine (cutané)

- Phan NQ, Siepmann D, Gralow I, Ständer S. Adjuvant topical therapy with a cannabinoid receptor agonist in facial postherpetic neuralgia. *J Dtsch Dermatol Ges* 2010;8(2):88-91.

Études non contrôlées

Cannabis (oral, sublingual)

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Nabilone

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Rapports de cas, enquêtes

Dronabinol

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Cannabis (fumé)

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Douleurs - douleurs aiguës, chirurgie

Études contrôlées

Dronabinol

- Raft D, Gregg J, Ghia J, Harris L. Effects of intravenous tetrahydrocannabinol on experimental and surgical pain: psychological correlates of the analgesic response. *Clinical Pharmacology and Therapeutics* 1977;21:26-33.
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Cannabis (oral, sublingual)

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Nabilone

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Levonantradol

- Jain AK, Ryan JR, McMahon FG, Smith G. Evaluation of intramuscular levonantradol and placebo in acute postoperative pain. *Journal of Clinical Pharmacology* 1981;21(suppl 8-9):S320-S326.
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GW842166

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Douleurs - douleurs aiguës, sujets sains

Études contrôlées

Dronabinol

- Naef M, Curatolo M, Petersen-Felix S, Arendt-Nielsen L, Zbinden A, Brenneisen R. The analgesic effect of oral delta-9-tetrahydrocannabinol (THC), morphine, and a THC-morphine combination in healthy subjects under experimental pain conditions. *Pain* 2003;105(1-2):79-88.
- Roberts JD, Gennings C, Shih M. Synergistic affective analgesic interaction between delta-9-tetrahydrocannabinol and morphine. *Eur J Pharmacol* 2006;530(1-2):54-8.

Nabilone

- Redmond WJ, Goffaux P, Potvin S, Marchand S. Analgesic and antihyperalgesic effects of nabilone on experimental heat pain. *Curr Med Res Opin* 2008;24(4):1017-24.

Cannabis (fumé)

- Greenwald MK, Stitzer ML. Antinociceptive, subjective and behavioral effects of smoked marijuana in humans. *Drug Alcohol Depend* 2000;59(3):261-75.
- Wallace M, Schulteis G, Atkinson JH, Wolfson T, Lazzaretto D, Bentley H, Gouaux B, Abramson I. Dose-dependent effects of smoked cannabis on capsaicin-induced pain and hyperalgesia in healthy volunteers. *Anesthesiology* 2007;107(5):785-796.

Cannabis (oral, sublingual)

- Kraft B, Frickey NA, Kaufmann RM, Reif M, Frey R, Gustorff B, Kress HG. Lack of analgesia by oral standardized cannabis extract on acute inflammatory pain and hyperalgesia in volunteers. *Anesthesiology* 2008;109(1):101-10.

Études non contrôlées

Cannabis (fumé)

- Hill SY, Schwin R, Goodwin DW, Powell B. Marijuana and pain. *J Pharmacol Exp Ther* 1974;188:415-8.
- Clark WC, Janal MN, Zeidenberg P, Nahas GG. Effects of moderate and high doses of

marihuana on thermal pain: a sensory decision theory analysis. J Clin Pharmacol 1981;21(8-9 Suppl):299S-310S.

Migraines / Maux de tête

Rapports de cas, enquêtes

Dronabinol

- Raby WN, Modica PA, Wolintz RJ, Murtaugh K. Dronabinol reduces signs and symptoms of idiopathic intracranial hypertension: a case report. J Ocul Pharmacol Ther 2006;22(1):68-75.
- Robbins MS, Tarshish S, Solomon S, Grosberg BM. Cluster Attacks Responsive to Recreational Cannabis and Dronabinol. Headache 2009;49(6):914-6.

Cannabis (fumé)

- Raby WN, Modica PA, Wolintz RJ, Murtaugh K. Dronabinol reduces signs and symptoms of idiopathic intracranial hypertension: a case report. J Ocul Pharmacol Ther 2006;22(1):68-75.
- Robbins MS, Tarshish S, Solomon S, Grosberg BM. Cluster Attacks Responsive to Recreational Cannabis and Dronabinol. Headache 2009;49(6):914-6.

Cannabis (historique)

- Russo EB. Hemp for headache: An in-depth historical and scientific review of cannabis in migraine treatment. J Cannabis Ther 2001;1(2):21-92.

Sclérose latérale amyotrophique / SLA

Etudes contrôlées

Dronabinol

- Weber M, Goldman B, Truniger S. Tetrahydrocannabinol (THC) for cramps in amyotrophic lateral sclerosis: a randomised, double-blind crossover trial. J Neurol Neurosurg Psychiatry 2010;81(10):1135-40.

Rapports de cas, enquêtes

Cannabis (fumé)

- Carter GT, Rosen BS. Marijuana in the management of amyotrophic lateral sclerosis. Am J Hosp Palliat Care 2001;18(4):264-70.
- Amtmann D, Weydt P, Johnson KL, Jensen MP, Carter GT. Survey of cannabis use in patients with amyotrophic lateral sclerosis. Am J Hosp Palliat Care 2004;21(2):95-104.

Dysfonction vésicale

Études contrôlées

Dronabinol

- Hagenbach U, Ghafoor N, Brenneisen R, Luz S, Mäder M. Clinical investigation of Δ-9-tetrahydrocannabinol (THC) as an alternative therapy for overactive bladders in spinal cord injury (SCI) patients? Abstract, 2001 Congress on Cannabis and the Cannabinoids, International Association for Cannabis as Medicine, 25-27 October 2001, Cologne, Germany.
- Freeman RM, Adeganmi O, Waterfield MR, Waterfield AE, Wright D, Zajicek J. The effect of cannabis on urge incontinence in patients with multiple sclerosis: a multicentre, randomised placebo-controlled trial (CAMS-LUTS). Int Urogynecol J Pelvic Floor Dysfunct 2006;17(6):636-41.

Cannabis (oral, sublingual)

- Brady CM, DasGupta R, Dalton C, Wiseman OJ, Berkley KJ, Fowler CJ. An open-label pilot study of

cannabis-based extracts for bladder dysfunction in advanced multiple sclerosis. *Multiple Sclerosis* 2004;10(4):425-33.

- de Ridder D, Constantinescu CS, Fowler C, Kavia R, Sarantis N. Randomised controlled study of cannabis-based medicine (Sativex®) in patients suffering from multiple sclerosis associated detrusor overactivity. 22nd Congress of the ECTRIMS, 27-30 September 2006, Madrid, Spain.
- Freeman RM, Adeganmi O, Waterfield MR, Waterfield AE, Wright D, Zajicek J. The effect of cannabis on urge incontinence in patients with multiple sclerosis: a multicentre, randomised placebo-controlled trial (CAMS-LUTS). *Int Urogynecol J Pelvic Floor Dysfunct* 2006;17(6):636-41.
- Kavia RB, De Ridder D, Constantinescu CS, Stott CG, Fowler CJ. Randomized controlled trial of Sativex to treat detrusor overactivity in multiple sclerosis. *Mult Scler* 2010;16(11):1349-59.

Reflux Gastro-Oesophageal

Études contrôlées (sur sujets sains)

Dronabinol

- Beaumont H, Jensen J, Carlsson A, Ruth M, Lehmann A, Boeckstaens GE. Effect of Delta(9)-tetrahydrocannabinol, a cannabinoid receptor agonist, on the triggering of transient lower oesophageal sphincter relaxations in dogs and humans. *Br J Pharmacol* 2009;156(1):153-62.

Côlon irritable, diarrhées

Études contrôlées (études expérimentales chez le sujet sain)

Dronabinol

- Esfandiyari T, Camilleri M, Busciglio I, Burton D, Baxter K, Zinsmeister AR. Effects of a cannabinoid receptor agonist on colonic motor and sensory functions in humans: a randomized, placebo-controlled study. *Am J Physiol Gastrointest Liver Physiol* 2007;293(1):G137-45.
- Klooker TK, Leliefeld KE, Van Den Wijngaard RM, Boeckstaens GE. The cannabinoid receptor agonist delta-9-tetrahydrocannabinol does not affect visceral sensitivity to rectal distension in healthy volunteers and IBS patients. *Neurogastroenterol Motil* 2011;23(1):30-5, e2.
- Wong BS, Camilleri M, Busciglio I, Carlson P, Szarka LA, Burton D, Zinsmeister AR. Pharmacogenetic Trial of a Cannabinoid Agonist Shows Reduced Fasting Colonic Motility in Patients with Non-Constipated Irritable Bowel Syndrome. *Gastroenterology*, 28. Juli 2011 [im Druck]

Maladie de Crohn

Rapports de cas, enquêtes

Cannabis

- Lal S, Prasad N, Ryan M, Tangri S, Silverberg MS, Gordon A, Steinhart H. Cannabis use amongst patients with inflammatory bowel disease. *Eur J Gastroenterol Hepatol* 2011;23(10):891-6.

Études non contrôlées

Cannabis

- Naftali T, Lev LB, Yablekovitz D, Half E, Konikoff FM. Treatment of Crohn's disease with cannabis: an observational study. *Isr Med Assoc J* 2011;13(8):455-8.

Colitis ulcerosa

Rapports de cas, enquêtes

Cannabis

- Lal S, Prasad N, Ryan M, Tangri S, Silverberg MS, Gordon A, Steinhart H. Cannabis use amongst patients with inflammatory bowel disease. Eur J Gastroenterol Hepatol 2011;23(10):891-6.

Obstétrie et gynécologie

Rapports de cas, enquêtes

Cannabis (historique)

- Russo E. Cannabis treatments in obstetrics and gynecology: A historical review. J Cannabis Ther 2002;2(3-4):5-35.

Tremblements / SEP

Études contrôlées

Dronabinol

- Clifford DB. Tetrahydrocannabinol for tremor in multiple sclerosis. Annals of Neurology 1983;13:669-671.

Cannabis (oral, sublingual)

- Fox P, Bain PG, Glickman S, Carroll C, Zajicek J. The effect of cannabis on tremor in patients with multiple sclerosis. Neurology 2004;62(7):1105-9.

Dystonie

Études non contrôlées

Nabilone

- Fox SH, Kellett M, Moore AP, Crossman AR, Brotchie JM. Randomised, double-blind, placebo-controlled trial to assess the potential of cannabinoid receptor stimulation in the treatment of dystonia. Movement Disorders 2002;17(1):145-149.

Cannabidiol

- Snider SR, Consroe P. Treatment of Meige's syndrome with cannabidiol. Neurology 1984;34(Suppl):147.
- Sandyk R, Snider SR, Consroe P, Elias SM. Cannabidiol in dystonic movement disorders. Psychiatry Research 1986;18:291.
- Consroe P, Sandyk R, Snider SR. Open label evaluation of cannabidiol in dystonic movement disorders. International Journal of Neuroscience 1986;30:277-282.

Dyskinésie causée par la lévodopa (dyskinésie tardive)

Études contrôlées

Nabilone

- Sieradzan KA, Fox SH, Dick J, Brotchie JM. The effects of the cannabinoid receptor agonist nabilone on L-DOPA induced dyskinesia in patients with idiopathic Parkinson's disease (PD). Movement Disorders 1998;13(Suppl 2):29.

Rapports de cas / enquêtes

Cannabis (fumé)

- Beckmann Y, Seçil Y, Güngör B, Yiğit T. Tardive Dystonia and the Use of Cannabis. Turk Psikiyatri Derg 2010;21(1):90-91.

Dronabinol

- Beckmann Y, Seçil Y, Güngör B, Yiğit T. Tardive Dystonia and the Use of Cannabis. Turk Psikiyatri Derg 2010;21(1):90-91.

Hoquet (singultus)

Rapports de cas, enquêtes

Cannabis (fumé)

- Gilson I, Busalacchi M. Marijuana for intractable hiccups. Lancet 1998; 351(9098): 267.

Syndrome de Gilles de la Tourette, tics

Études contrôlées

Dronabinol

- Müller-Vahl KR, Schneider U, Koblenz A, Jobges M, Kolbe H, Daldrup T, Emrich HM. Treatment of Tourette's syndrome with Delta 9-tetrahydrocannabinol (THC): a randomized crossover trial. Pharmacopsychiatry 2002;35(2):57-61.
- Müller-Vahl KR, Schneider U, Prevedel H, Theloe K, Kolbe H, Daldrup T, Emrich HM. Delta 9-tetrahydrocannabinol (THC) is effective in the treatment of tics in Tourette syndrome: a 6-week randomized trial. Journal of Clinical Psychiatry. 2003;64(4):459-65.

Études non contrôlées

Dronabinol

- Müller-Vahl KR, Schneider U, Kolbe H, Emrich HM. Treatment of Tourette-Syndrome with delta-9-Tetrahydrocannabinol. American Journal of Psychiatry 1999;156:495.

Rapports de cas, enquêtes

Dronabinol

- Deutsch SI, Rosse RB, Connor JM, Burket JA, Murphy ME, Fox FJ. Current status of cannabis treatment of multiple sclerosis with an illustrative case presentation of a patient with MS, complex vocal tics, paroxysmal dystonia, and marijuana dependence treated with dronabinol. CNS Spectr 2008;13(5):393-403.
- Müller-Vahl KR, Schneider U, Emrich HM. Combined treatment of Tourette syndrome with delta-9-THC and dopamine receptor agonists. J Cannabis Ther 2002;2(3-4):145-54.
- Hasan A, Rothenberger A, Münchau A, Wobrock T, Falkai P, Roessner V. Oral delta9-tetrahydrocannabinol improved refractory gilles de la tourette syndrome in an adolescent by increasing intracortical inhibition: a case report. J Clin Psychopharmacol 2010;30(2):190-2.
- Brunbauer A, Segmiller FM, Volkamer T, Laux G, Müller N, Dehning S. Cannabinoids improve driving ability in a Tourette's patient. Psychiatry Res, 9. Juni 2011

Cannabis (fumé)

- Müller-Vahl KR, Kolbe H, Schneider U, Emrich HM. Cannabinoids: Possible role in pathophysiology of Gilles de la Tourette-syndrome. Acta Psychiatrica Scandinavica 1998;97:1-5.
- Sandyk R, Awerbuch G. Marijuana and Tourette's Syndrome. Journal of Clinical Psychopharmacology 1988;8:444-445.
- Hemming M, Yellowlees PM. Effective treatment of Tourette's syndrome with marijuana. J Psychopharmacol 1993; 7: 389-91.

Désordre du mouvement Hyperkinétique

Rapports de cas , enquêtes

Dronabinol

- Farooq MU, Ducommun E, Goudreau J. Treatment of a hyperkinetic movement disorder during pregnancy with dronabinol. *Parkinsonism Relat Disord* 2009;15(3):249-51.

Trouble Déficit de l'Attention / Hyperactivité (TDAH)

Études non contrôlées

Cannabis (fumé)

- Aharonovich E, Garawi F, Bisaga A, Brooks D, Raby WN, Rubin E, Nunes EV, Levin FR. Concurrent cannabis use during treatment for comorbid ADHD and cocaine dependence: effects on outcome. *Am J Drug Alcohol Abuse*. 2006;32(4):629-35.

Rapports de cas, enquêtes

Dronabinol

- Stroheck-Kuehner P, Skopp G, Mattern R. [Fitness to drive in spite (because) of THC] [Article in German]. *Arch Kriminol* 2007;220(1-2):11-9.

Cannabis (fumé)

- Stroheck-Kuehner P, Skopp G, Mattern R. [Fitness to drive in spite (because) of THC] [Article in German]. *Arch Kriminol* 2007;220(1-2):11-9.
- O'Connell TJ, Bou-Matar CB. Long term marijuana users seeking medical cannabis in California (2001-2007): demographics, social characteristics, patterns of cannabis and other drug use of 4117 applicants. *Harm Reduct J* 2007;4:16.

Trouble obsessionnel compulsif / TOC

Rapports de cas, enquêtes

Dronabinol, Cannabis (fumé)

- Schindler F, Anghelescu I, Regen F, Jockers-Scherubl M. Improvement in refractory obsessive compulsive disorder with dronabinol. *Am J Psychiatry* 2008;165(4):536-7.

Trichotillomanie

Études non contrôlées

Dronabinol

- Grant JE, Odlaug BL, Chamberlain SR, Kim SW. Dronabinol, a cannabinoid agonist, reduces hair pulling in trichotillomania: a pilot study. *Psychopharmacology (Berl)*, 19. Mai 2011

Maladie de Parkinson

Études contrôlées

Cannabis (oral, sublingual)

- Carroll CB, Bain PG, Teare L, Liu X, Joint C, Wroath C, Parkin SG, Fox P, Wright D, Hobart J, Zajicek JP. Cannabis for dyskinesia in Parkinson disease: a randomized double-blind crossover study. *Neurology* 2004;63(7):1245-50.

Études non contrôlées

Cannabis (fumé)

- Frankel JP, Hughes A, Lees AJ, Stern GM. Marijuana for Parkinsonian tremor. Journal of Neurology, Neurosurgery and Psychiatry 1990;53:436.

Maladie d'Huntington

Études contrôlées

Cannabidiol

- Consroe P, Laguna J, Allender J, Snider S, Stern L, Sandyk R, Kennedy K, Schram K. Controlled clinical trial of cannabidiol in Huntington's disease. Pharmacology, Biochemistry and Behavior. 1991;40(3):701-8.

Études non contrôlées

Nabilone

- ❖ Müller-Vahl KR, Schneider U, Emrich HM. Nabilone deteriorates choreatic movements in Huntington's disease. Movement Disorders 1999b;14:1038-40.

Traumatisme cérébral

Études contrôlées

Dexanabinol

- Maas AI, Murray G, Henney H 3rd, Kassem N, Legrand V, Mangelus M, Muizelaar JP, Stocchetti N, Knoller N; Pharmos TBI investigators. Efficacy and safety of dexanabinol in severe traumatic brain injury: results of a phase III randomised, placebo-controlled, clinical trial. Lancet Neurol 2006;5(1):38-45.

Acouphène

Rapports de cas, enquêtes

Dronabinol/Cannabis (fumé)

- Raby WN, Modica PA, Wolintz RJ, Murtaugh K. Dronabinol reduces signs and symptoms of idiopathic intracranial hypertension: a case report. J Ocul Pharmacol Ther 2006;22(1):68-75.

Prurit

Études non contrôlées

Crème aux endocannabinoïdes

- Szepietowski JC, Szepietowski T, Reich A. Efficacy and tolerance of the cream containing structured physiological lipids with endocannabinoids in the treatment of uremic pruritus: a preliminary study. Acta Dermatovenerol Croat 2005;13(2):97-103.
- Ständer S, Reinhardt HW, Luger TA. [Topical cannabinoid agonists: An effective new possibility for treating chronic pruritus.] [Article in German]. Hautarzt 2006;57(9):801-7.

Rapports de cas, enquêtes

Dronabinol

- Neff GW, O'Brien CB, Reddy KR, Bergasa NV, Regev A, Molina E, Amaro R, Rodriguez MJ, Chase V, Jeffers L, Schiff E. Preliminary observation with dronabinol in patients with intractable pruritus secondary to cholestatic liver disease. Am J Gastroenterol 2002;97(8):2117-9.

Sudation nocturne

Etudes non contrôlées

Nabilone

- Maida V. Nabilone for the treatment of paraneoplastic night sweats: a report of four cases. J Palliat Med 2008;11(6):929-34.

Epilepsie

Études contrôlées

Cannabidiol

- Cunha JM, Carlini EA, Pereira AE, Ramos OL, Pimentel C, Gagliardi R, Sanvito WL, Lander N, Mechoulam R. Chronic administration of cannabidiol to healthy volunteers and epileptic patients. Pharmacology 1980;21(3):175-85.

Études non contrôlées

Cannabis (fumé)

- Consroe PF, Wood GC, Buchsbaum H. Anticonvulsant nature of marihuana smoking. JAMA 1975;234(3):306-7.

Cannabidiol

- Ames FR, Cridland S.: Anticonvulsant effect of cannabidiol [letter]. South African Medical Journal 1986;69:14.
- Trembly B, Sherman M. Double-blind clinical study of cannabidiol as a secondary anticonvulsant. Conference on Cannabis and Cannabinoids, Kolymari/Crete, July 1990, cited according to: Consroe P, Sandyk R. Potential role of cannabinoids for therapy of neurological disorders. In: Murphy L, Bartke A, eds. Marijuana/Cannabinoids, Neurobiology and Neurophysiology. Boca Raton: CRC Press 1992, 459-524. [**Kommentar:** Kein Effekt von Cannabidiol (300 mg/Tag) bei 10 Patienten.]
- Trembly B, Sherman M. Double-blind clinical study of cannabidiol as a secondary anticonvulsant. Conference on Cannabis and Cannabinoids, Kolymari/Crete, July 1990, cited according to: Consroe P, Sandyk R. Potential role of cannabinoids for therapy of neurological disorders. In: Murphy L, Bartke A, eds. Marijuana/Cannabinoids, Neurobiology and Neurophysiology. Boca Raton: CRC Press 1992, 459-524. [**Kommentar:** Reduzierung der Anfallhäufigkeit mit Cannabidiol (900 - 1200 mg/Tag) bei einem Patienten.]

Rapports de cas, enquêtes

Cannabis (fumé)

- Corral VL. Differential effects of medical marijuana based on strain and route of administration: A three-year observational study. J Cannabis Ther 2001;1(3-4):43-59.
- Mortati K, Dworetzky B, Devinsky O. Marijuana: an effective antiepileptic treatment in partial epilepsy? A case report and review of the literature. Rev Neurol Dis 2007;4(2):103-6.

Syndrome d'Isaacs

Rapport de cas

Dronabinol

- Meyniel C, Ollivier Y, Hamidou M, Péréon Y, Derkinderen P. Dramatic improvement of refractory Isaacs' syndrome after treatment with dronabinol. Clin Neurol Neurosurg 2011;113(4):323-4.

Glaucome / Pression intraoculaire

Études contrôlées

Cannabis (fumé)

- Crawford WJ, Merritt JC. Effects of tetrahydrocannabinol on arterial and intraocular hypertension. *International Journal of Clinical Pharmacology and Biopharmacy* 1979;17(5):191-196.
- Merritt JC, Crawford WJ, Alexander PC, Anduze AL, Gelbart SS. Effect of marihuana on intraocular and blood pressure in glaucoma. *Ophthalmology* 1980;87(3):222-8.

Dronabinol

- Tomida I, Azuara-Blanco A, House H, Flint M, Pertwee RG, Robson PJ. Effect of sublingual application of cannabinoids on intraocular pressure: a pilot study. *J Glaucoma* 2006;15(5):349-353.

Cannabidiol

- Tomida I, Azuara-Blanco A, House H, Flint M, Pertwee RG, Robson PJ. Effect of sublingual application of cannabinoids on intraocular pressure: a pilot study. *J Glaucoma* 2006;15(5):349-353.

Études non contrôlées

Cannabis (fumé)

- Hepler RS, Frank IM, Petrus R. Ocular effects of marijuana smoking. In: Braude MC, Szara S, eds. *The pharmacology of marihuana*. Raven Press: New York: 1976;815-828.

Rapports de cas, enquêtes

Cannabis (fumé)

- Russo EB, Mathre ML, Byrne A, Velin R, Bach PJ, Sanchez-Ramos J, et al. Chronic cannabis use in the Compassionate Investigational New Drug Program: An examination of benefits and adverse effects of legal clinical cannabis. *J Cannabis Ther* 2002;2(1):3-57.

Applications topiques

Dronabinol

- Merritt JC, Perry DD, Russell DN, Jones BF. Topical delta 9-tetrahydrocannabinol and aqueous dynamics in glaucoma. *Journal of Clinical Pharmacology* 1981;21(8-9 Suppl):467S-471S.

Pression intraoculaire - sujets sains

Études contrôlées

Dronabinol

- Cooler P, Gregg JM. Effect of delta-9-tetrahydrocannabinol on intraocular pressure in humans. *Southern Medical Journal* 1977;70(8):951-954.
- Jones RT, Benowitz N, Herning RI. The clinical relevance of cannabis tolerance and dependence. *Journal of Clinical Pharmacology* 1981;21:143S-152S.
- Levitt M, Wilson A, Bowman D, Kemel S, Krepart G, Marks V, Schipper H, Thomson G, Weinerman B, Weinerman R. Physiologic observations in a controlled clinical trial of the antiemetic effectiveness of 5, 10, and 15 mg of delta 9-tetrahydrocannabinol in cancer chemotherapy. *Ophthalmologic implications*. *J Clin Pharmacol* 1981;21(8-9 Suppl):103S-109S.

Delta-9-THC, delta-8-THC, 11-OH-THC, CBD, CBN

- Perez-Reyes M, Wagner D, Wall ME, Davis KH. Intravenous administration of cannabinoids and intraocular pressure. In: Braude MC, Szara S, ed. *Pharmacology of marihuana*. New York: Raven Press, 1976;829-832.

Études non contrôlées

Dronabinol

- Plange N, Arend KO, Kaup M, Doehmen B, Adams H, Hendricks S, Cordes A, Huth J, Sponsel WE, Remky A. Dronabinol and retinal hemodynamics in humans. *Am J Ophthalmol* 2007;143(1):173-4.

Cannabis (fumé)

- Hepler RS, Frank IM. Marijuana smoking and intraocular pressure. *Journal of the American Medical Association* 1971;217:1392.
- Flom MC, Adams AJ, Jones RT. Marijuana smoking and reduced intraocular pressure in human eye: Drug action or epiphenomenon? *Investigative Ophthalmology* 1975;14:52-55.
- Hepler R S, Frank I M, Petrus R. Ocular effects of marijuana smoking. In: Braude MC, Szara S, eds. *The pharmacology of marihuana*. New York: Raven Press, 1976;815-828.

Vision nocturne

Études contrôlées

Dronabinol

- Russo EB, Merzouki A, Molero Mesa J, Frey KA, Bach PJ. Cannabis improves night vision: A pilot study of dark adaptometry and scotopic sensitivity in kif smokers of the Rif Mountains of Northern Morocco. *J Ethnopharmacol* 2004;93(1):99-104.

Études non contrôlées

Cannabis (fumé)

- Russo EB, Merzouki A, Molero Mesa J, Frey KA, Bach PJ. Cannabis improves night vision: A pilot study of dark adaptometry and scotopic sensitivity in kif smokers of the Rif Mountains of Northern Morocco. *J Ethnopharmacol* 2004;93(1):99-104.

Asthme

Études contrôlées

Dronabinol

- Tashkin DP, Reiss S, Shapiro BJ, Calvarese B, Olsen JL, Lodge JW. Bronchial effects of aerosolized delta 9-tetrahydrocannabinol in healthy and asthmatic subjects. *American Review of Respiratory Disease* 1977;115(1):57-65.
- Williams SJ, Hartley JP, Graham JD. Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients. *Thorax* 1976;31(6):720-723.

Cannabis (fumé)

- Tashkin DP, Shapiro BJ, Lee YE, Harper CE. Effects of smoked marijuana in experimentally induced asthma. *American Review of Respiratory Disease* 1975;112(3):377-386.
- Vachon L, Mikus P, Morrissey W, FitzGerald M, Gaensler E. Bronchial effect of marijuana smoke in asthma. In: Braude MC, Szara S, eds. *The pharmacology of marihuana*. Raven Press: New York: 1976;777-784.

Nabilone

- Gong H Jr, Tashkin DP, Calvarese B. Comparison of bronchial effects of nabilone and terbutaline in healthy and asthmatic subjects. *Journal of Clinical Pharmacology* 1983;23(4):127-133

Études non contrôlées

Dronabinol

- Tashkin DP, Shapiro BJ, Frank IM. Acute effects of smoked marijuana and oral delta9-tetrahydrocannabinol on specific airway conductance in asthmatic subjects. American Review for Respiratory Diseases. 1974 Apr;109(4):420-8.

Cannabis (fumé)

- Tashkin DP, Shapiro BJ, Frank IM. Acute effects of smoked marijuana and oral delta9-tetrahydrocannabinol on specific airway conductance in asthmatic subjects. American Review for Respiratory Diseases 1974 Apr;109(4):420-8.

Bronchodilatation - sujets sains

Études contrôlées

Dronabinol

- Gong H Jr, Tashkin DP, Simmons MS, Calvarese B, Shapiro BJ. Acute and subacute bronchial effects of oral cannabinoids. Clinical Pharmacology and Therapeutics 1984;35(1):26-32.
- Tashkin DP, Reiss S, Shapiro BJ, Calvarese B, Olsen JL, Lodge JW. Bronchial effects of aerosolized delta 9-tetrahydrocannabinol in healthy and asthmatic subjects. American Review of Respiratory Disease 1977;115(1):57-65.

Nabilone

- Gong H Jr, Tashkin DP, Calvarese B. Comparison of bronchial effects of nabilone and terbutaline in healthy and asthmatic subjects. Journal of Clinical Pharmacology 1983;23(4):127-133.

COPD (Maladie pulmonaire obstructrice chronique)

Etudes contrôlées

Cannabis (oral, sublingual)

- Pickering EE, Semple SJ, Nazir MS, Murphy K, Snow TM, Cummin AR, Moosavi S, Guz A, Holdcroft A. Cannabinoid effects on ventilation and breathlessness: A pilot study of efficacy and safety. Chron Respir Dis 2011;8(2):109-18.

Hypertension / pression sanguine

Rapports de cas, enquêtes

Cannabis (fumé)

- Vandrey R, Umbricht A, Strain EC. Increased Blood Pressure Following Abrupt Cessation of Daily Cannabis Use. J Addict Med 2011;5(1):16-20.

Cancer

Études non contrôlées

Dronabinol

- Guzmán M, Duarte MJ, Blázquez C, Ravina J, Rosa MC, Galve-Roperh I, Sánchez C, Velasco G, González-Feria L. A pilot clinical study of Delta9-tetrahydrocannabinol in patients with recurrent glioblastoma multiforme. Br J Cancer 2006;95(2):197-203.

Rapports de cas, enquêtes

Cannabis (fumé)

- Liang C, McClean MD, Marsit C, Christensen B, Peters E, Nelson HH, Kelsey KT. A population-based case-control study of marijuana use and head and neck squamous cell carcinoma. Cancer Prev Res (Phila Pa) 2009;2(8):759-68.

- Foroughi M, Henderson G, Sargent MA, Steinbok P. Spontaneous regression of septum pellucidum/forniceal pilocytic astrocytomas-possible role of Cannabis inhalation. *Childs Nerv Syst* 2011;27(4):671-9.

Maladie d'Alzheimer

Études contrôlées

Dronabinol

- Volicer L, Stelly M, Morris J, McLaughlin J, Volicer BJ. Effects of dronabinol on anorexia and disturbed behavior in patients with Alzheimer's disease. *International Journal of Geriatric Psychiatry* 1997;12:913-919.

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