

Conditions Treated With Cannabis

As Reported to California Doctors Through 2005

Medical conditions that Californians have been treating successfully with cannabis are listed here according to ICD-9 number. The International Classification of Disease system was developed by the World Health Organization to promote comparability in the collec-

tion, processing, classification and presentation of mortality statistics. It is universally required by insurance companies to process claims.

Some 38,000 cases have been coded by ICD-9 number in the Oakland Cannabis Buyers' Cooperative da-

tabase, and 8,500 in my practice. The number would be larger if the Act-Up San Francisco contingent had not objected —because of privacy concerns— when the city's Department of Public Health established their card system. —*Tod Mikuriya, MD*

Genital Herpes 054.10	Major Depression, Sgl Epi 296.2	Epilepsy(ies)+ 345.x	Irritable Bowel Synd. 564.1	Tietze's Syndrome 733.6
Herpetic infection of penis 054.13	Major Depression, Recurr 296.3	Grand Mal Seizures** 345.1	Dumping SydroPost Sur 564.2	Meloreostosis 733.99
AIDS Related Illness 042	Bipolar Disorder 296.6	Limbic Rage Syndrome** 345.4	Peritoneal pain 568	Spondylolisthesis** 738.4
Post W.E. Encephalitis 062.1	Autism/Aspergers 299.0	Jacksonian Epilepsy** 345.5	Hepatitis-non-viral 571.4	Cerebral Aneurism 747.81
Chemotherapy Convales 066.2	Anxiety Disorder+ 300.00	Migraine(s)+ 346.x	Pancreatitis 577.1	Polycystic Kidney 753.1x
Shingles (Herpes Zoster) 053.9	Panic Disorder+ 300.01	Migraine, Classical+ 346.0	Celiac disease 579.0	Scoliosis 754.2
Radiation Therapy E929.9	Agoraphobia 300.22	Cluster Headaches 346.2	Nephritis/nephropathy 583.81	Club foot 754.70
Viral B Hepatitis, chronic 070.52	Obsessive Compulsive Di. 300.3	Compression of Brain 348.4	Ureter spasm calculus 592	Spina Bifida Occulta 756.17
Viral C Hepatitis, chronic 070.54	Dysthymic Disorder 300.4	Tic Doloroux+ 350.1	Urethritis/Cystitis 595.3	Osteogenesis imperfecta 756.51
Other arthropod borne dis 088.	Neurasthenia 300.5	Bell's palsy 351.0	Prostatitis 600.0	Ehlers Danlos Syndrom 756.83
Lyme Disease 088.81	Writers' Cramp**** 300.89	Thoracic Outlet Synd 353.0	Epididymitis** 604.xx	Nail patella syndrome 756.89
Reiters Syndrome 099.3	Impotence, Psychogenic 302.72	Phantom Limb Synd++ 353.6	Pelvic pain 607.9	Peutz-Jehgers Syndrme** 756.9
Behcet's Syndrome++ 136.1	Alcoholism+ 303.0	Carpal Tunnel Syndrome 354.0	Testicular torsion 608.2	Mastocytosis 757.33
Post Polio Syndrome 138.0	Opiate Dependence+ 304.0	Mononeuritis lower limb 355	Pelvic Inflammatory Dis 614	Darier's Disease 757.39
Osteoblastoma Ischium 170.6	Sedative Dependence+ 304.1	Charcot-Marie-Tooth 356.1	Endometriosis** 617.9	Marfan syndrome 759.82
Malignant Melanoma 172.x	Cocaine Dependence+ 304.2	Neuropathy+ 357	Premenstrual Syndrome+ 625.3	Sturge-Weber Eye Syn** 759.6
Other Skin Cancer 173	Amphetamine Depend 304.4	Muscular dystrophies 359	Pain, Vaginal/Pelvic 625.9	Nater's Syndrome++ 759.89
Breast Cancer 174.x	Alcohol Abuse+ 305.0	Coat's Syndrome++ 362.12	Menopausal syndrome 627.2	Insomnia+ 780.52
Prostate Cancer 185	Tobacco Dependence 305.1	Macular Degeneration** 362.5	Sturge-Weber Disease 759.6	Sleep Apnea Unspecified 780.57
Prostate Cancer 186	Psychogenic Hyperhidrosi 306.3	Glaucoma 365.23	Eczema 692.9	Chronic Fatigue Synd 780.7
Testicular Cancer 186.9	Psychogenic Pylorospas** 306.4	Dyslexic Amblyopia** 368.0	Pemphigus 694.4	Tremor/Invol Movements 781.0
Adrenal Cortical Cancer 194.0	Psychogenic Dysuria 306.53	Color Blindness* 368.55	Epidermolysis Bullosa 694.9	Myofacial Pain Syndrme** 782.0
Brain malignant tumor 191	Bruxism 306.8	Conjunctivitis 372.9	Erythma Multiforma 695.1	Anorexia+ 783.0
Glioblastoma Multiforme 191.9	Stuttering* 307.0	Drusen of Optic Nerve 377.21	Rosacea 695.3	Bulemia 783.6
Sarcoma: Head-neck 195.0	Anorexia Nervosa 307.1	Optic neuritis 377.30	Psoriasis 696.0	Hyperventilation 786.01
Cancer, site unspecified 199	Tic disorder unspec 307.20	Strabismus & other binoc 378	Psoriasis 696.1	Cough+ 786.2
Lympho & reticular ca 200	Tourette's Syndrome 307.23	Nystagmus, Congenital 379.5	Pruritus, pruritic+ 698.9	Hiccough+ 786.8
Hodgkins disease 201.9	Persistent Insomnia 307.42	Meniere's Disease 386.00	Neurodermatitis 698.3	Vomiting 787.01
Myeloid leukemia 205	Nightmares 307.47	Tinnitus 388.30	Atrophy Blanche 701.3	Nausea+ 787.02
Uterine cancer 236.0	Bulemia 307.51	Hypertension+ 401.1	Alopecia 709.x	Diarrhea 787.91
Lymphoma 238.7	Tension Headache 307.81	Ischemic Heart Disease 411.X	Lupus 710.0	Pain, Ureter 788.0
Graves Disease** 242.0	Psychogenic Pain 307.89	Angina pectoris 413	Scleroderma 710.1	Cachexia 799.4
Acquired hypothyroidism 244	Post Traumatic Stress Dis. 309.81	Arteriosclerotic Heart Dis 414.X	Sjogren's Disease ++ 710.2	Vertebral disloc unspec 839.4
Thyroiditis 245	Org. Mental Dis.hd inj 310.1	Cardiac conduction disord 426.X	Dermatomyositis 710.3	Whiplash 847.0
Diabetes Adult Onset 250.0	Post Concussion Sydrome 310.2	Paroxysmal Atrial Tach** 427.0	Eosinophilia-Myalgia Syn. 710.5	Back Sprain 847.9
Diabetes Type I, Unco ++ 250.01	Nonpsychotic Org Bra Dis. 310.8	Congestive Heart Failure 428.0	Arthritis, Rheumatoid+ 714.0	Shoulder Injury Unspec 959.2
Diabetes Type I Ctrlrd ++ 250.03	Brain Trauma 310.9	Post Cardiotomy Syndrom 429.4	Felty's Syndrome 714.1	Fore Arm/Elbow/Wrist 959.3
Diabetes Insulin Depend. 250.1	Intermittent Explosive Dis 312.34	Raynaud's Disease 443.0	Arthritis, Degenerative 715.0	Hand except finger 959.4
Diabetes Adult Ons Unctrl 250.2	Trichotillomania 312.39	Thromboangiitis Obliteran 443.1	Arthritis, post traumatic+ 716.1	Finger 959.5
Diabetic Renal Disease 250.4	ADD w/o hyperactivity 314.00	Polyarteritis Nodosa 446.0	Arthropathy, Degenerat+ 716.9	Hip 959.6
Diabetic Ophthalmic Dis 250.5	ADD w hyperactivity 314.01	Acute Sinusitis 461.9	Patellar chondromalacia 717.7	Knee, ankle & foot injury 959.7
Diabetic Neurpathy 250.6	ADD other 314.8	Chronic Sinusitis 473.9	Ankylosis 718.5	Motion Sickness 994.6
Diabetic PeripheralVasc 250.7	Psychogenic PAT 316.0	Chronic Obst Pulmo Dis 491.90	Multiple joints pain 719.49	Anaphylactic or Reaction 995.0
Hypoglycemia(s) 251	Parkinsons Disease 332.0	Emphysema 492.8	Intervertebral Disk Diseas 722.x	Renal Transplant ++ 996.81
Lipomatosis 272.8	Huntingtons Disease+ 333.4	Asthma, unspecified 493.9	L-S disk dis sciatic N irrit 722.1	"Trachoria Growths"***
Arthropathy, gout 274.0	Restless legs syndrome 333.99	Pneumothorax, Spontaneo 512.8	IVDD Cerv w Myelopathy 722.71	
Mucopolysaccharoidosis 277	Friedreich's Ataxia 334.0	Pulmonary Fibrosis 516.3	Cervical Disk Disease 722.91	+ Represents citations from pre-1937
Porphyria 277.1	Cerebellar Ataxia 334.4	Cystic Fibrosis 518.89	Cervicobrachial Syndrome 723.3	medical literature
Amyloidosis 277.3	Spinal mm atrophy II 335.11	Dentofacial anomaly pain 524.	Lumbosacral Back Diseas 724.x	++ Jeffrey Hergenrather, M.D.
Obesity, exogenous 278.00	Amytrophic Lateral Sclero 335.2	T.M.J Syndrome 524.60	Spinal Stenosis 724.02	* Eugene Schoenfeld, M.D.
Obesity, morbid 278.01	Other spinal cord disease 336	GastroEsophageal Rflx Dis 530.81	Lower Back Pain 724.5	** Dale Gieringer, PhD CA NORML
Autoimmune disease 279.4	Syringomyelia 336.0	Acute Gastritis 535.0	Peripheral enthesopathies 726	Hotline
Thalassemia 282.4	Reflex Sympath Dystroph 337.2	Gastritis+ 535.5	Tenosynovitis 727.x	*** Robert Wilson, Hayward
Hemophilia A 286.0	Multiple Sclerosis 340.0	Peptic Ulcer/Dyspepsia 536.8	Dupuytens Contracture 728.6	Hempery. Uncodeable and thought to
Henoch-Schoelein Purpur 287.0	Other CNS demyelinating 341.	Colitis, Ulcerative 536.9	Muscle Spasm 728.85	be a specious disease submitted by
Senile Dementia+ 290.0	Hemiparesis/plegia 342	Pylorospasm Reflux 537.81	Fibromyaglia/Fibrositis 729.1	an undercover agent who presented
Delerium Tremens+ 291.0	Cerebral Palsy+ 343.9	Regional Enteri & Crohns 555.9	Weber-Christian Dis++ 729.30	a false physician's note.
Schizophrenia(s) 295.x	Quadriplegia(s) 344.0x	Colitis+ 558.9	Legg Calve Perthe Dis++ 732.1	**** Barry R. McCaffrey
Schizoaffective Disorder 295.7	Paraplegia(s) 344.1x	Colon diverticulitis 562.1	Osgood-Schlatter 732.4	12-30-96 Press Conference
Mania 296.0	Paralysis, unspecified 344.9	Constipation 564.0	Osteoporosis 733.0	(quote from John Stuart Mill 1867)

On Hypothermia

It has been observed by my office staff and confirmed anecdotally by colleagues that people seeking physician approval to medicate with cannabis usually register body temperatures markedly below 98.6.

Hypothermia in the mouse is one of the "classic tetrad" of symptoms indicating activation of the cannabinoid system. The genesis of hypothermia requires further study. The Indian Hemp Drugs Commission observed that one of the reputed benefits was to help laborers tolerate the heat. Cannabis was described as used to cool the passions —in contrast with alcohol, which heated them.

A slower metabolic rate, over time, might have implications for longevity.

Clinically, cannabis appears to actually lower temperature and a couple of patients have described a sense of cold with transient shivering. The question could be answered readily by comparing temperatures of persons who have THC metabolites in their urine and people who don't. If there turns out to be a significantly lower temperature in the cannabis-using population, one might posit a slower metabolic rate which, over time, might have implications for longevity. Tem-

perature has a significant effect on metabolic rate. We have to understand the mechanism of hypothermogenesis.

If there is a hypothermia, what influence is there on the HPA (Hypothalamus Pituitary Adrenal networks) and all of the interactions affecting levels of circulating cortisol and epinephrine, etc.? With management of diabetes, cannabis decreases blood sugar by diminishing gluconeogenesis, which plays out in decreased insulin requirement and improved stability.

This hypothermogenic effect appears to be dose-related and could contribute to a neuroprotective effect after trauma. The optimum delivery method will require study. Hopefully, we will see a vaporizer on ambulances for treatment of head injury and seizures, and at the bedside of pre- and post-neurosurgery patients.

In addition to external cooling, cannabis quiets the irritable CNS. A combination of inhaled and oral cannabis would be appropriate for acute CNS trauma from internal or external etiology. I predict this will become accepted and mainstream in the future.

Raphael Mechoulam's lab published a paper in 2003 showing that hypothermia appears to be an important factor as to why the synthetic THC analog HU-210

was protective in an animal model of stroke. [*Leker, R.R., Gai, N., Mechoulam, R. and Ovadia, H. (2003) Drug-induced hypothermia reduces ischemic damage: effects of the cannabinoid HU-210. Stroke 34, 2000-2006*]... If a patient presents to an ER with a stroke, the first thing they will do is put the patient's head in a cooler and pump them full of antioxidants (vitamin E).

—*T.H.M.*



"DR. TOD" signs a worn paperback copy of "Marjuana Medical Papers" for a well-wisher at Dennis's premature goodbye party.