S-1296.1

# SENATE BILL 5815

**State of Washington 64th Legislature 2015 Regular Session**

**By** Senators Becker, Keiser, Bailey, Brown, Kohl-Welles, Frockt, and Chase

Read first time 02/04/15. Referred to Committee on Health Care.

AN ACT Relating to prescriptive authority of naturopaths; amending RCW 69.43.135 and 69.50.101; reenacting and amending RCW 18.36A.020, 69.41.030, and 69.45.010; and adding a new section to chapter 18.36A RCW.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

**Sec. 1.** RCW 18.36A.020 and 2011 c 41 s 3 and 2011 c 40 s 1 are each reenacted and amended to read as follows:

Unless the context clearly requires otherwise, the definitions in this section apply throughout this chapter.

(1) "Board" means the board of naturopathy created in RCW 18.36A.150.

(2) "Common diagnostic procedures" means the use of venipuncture consistent with the practice of naturopathic medicine, commonly used diagnostic modalities consistent with naturopathic practice, health history taking, physical examination, radiography, examination of body orifices excluding endoscopy, laboratory medicine, and obtaining samples of human tissues, but excluding incision or excision beyond that which is authorized as a minor office procedure.

(3) "Department" means the department of health.

(4) "Educational program" means an accredited program preparing persons for the practice of naturopathic medicine.

(5) "Homeopathy" means a system of medicine based on the use of infinitesimal doses of medicines capable of producing symptoms similar to those of the disease treated, as listed in the homeopathic pharmacopeia of the United States.

(6) "Hygiene and immunization" means the use of such preventative techniques as personal hygiene, asepsis, public health, and immunizations, to the extent allowed by rule.

(7) "Manual manipulation" or "mechanotherapy" means manipulation of a part or the whole of the body by hand or by mechanical means.

(8) "Minor office procedures" means care and procedures incident thereto of superficial lacerations, lesions, and abrasions, and the removal of foreign bodies located in superficial structures, not to include the eye; and the use of antiseptics and topical or local anesthetics in connection therewith. "Minor office procedures" also includes intramuscular, intravenous, subcutaneous, and intradermal injections of substances consistent with the practice of naturopathic medicine and in accordance with rules established by the secretary.

(9) "Naturopath" means an individual licensed under this chapter.

(10) "Naturopathic medicines" means vitamins; minerals; botanical medicines; homeopathic medicines;((~~hormones; and those legend drugs and controlled substances consistent with naturopathic medical practice in accordance with rules established by the board. Controlled substances are limited to codeine and testosterone products that are contained in Schedules III, IV, and V in chapter 69.50 RCW~~)) and other nutrients and compounds, other than legend drugs or controlled substances, that are consistent with naturopathic medicine.

(11) "Nutrition and food science" means the prevention and treatment of disease or other human conditions through the use of foods, water, herbs, roots, bark, or natural food elements.

(12) "Physical modalities" means use of physical, chemical, electrical, and other modalities that do not exceed those used as of July 22, 2011, in minor office procedures or common diagnostic procedures, including but not limited to heat, cold, air, light, water in any of its forms, sound, massage, and therapeutic exercise.

(13) "Radiography" means the ordering, but not the interpretation, of radiographic diagnostic and other imaging studies and the taking and interpretation of standard radiographs.

(14) "Secretary" means the secretary of health or the secretary's designee.

(15) "Suggestion" means techniques including but not limited to counseling, biofeedback, and hypnosis.

NEW SECTION. **Sec. 2.** A new section is added to chapter 18.36A RCW to read as follows:

(1) Subject to the limitations in this section, a naturopath may prescribe and administer the following as necessary in the practice of naturopathy: (a) Legend drugs; (b) hydrocodone products contained in Schedule II of the uniform controlled substances act, chapter 69.50 RCW; and (c) controlled substances contained in Schedules III through V of the uniform controlled substances act, chapter 69.50 RCW.

(2) The maximum dosage of a controlled substance that a naturopath may prescribe is one hundred twenty milligrams morphine equivalent dose per day. A naturopath who is treating a patient for a single trauma, episode, or condition, or for pain associated with or related to a single trauma, episode, or condition, may issue a prescription for a controlled substance for a period not to exceed seven days.

(3) A naturopath who prescribes controlled substances shall register in the prescription monitoring program database under chapter 70.225 RCW.

(4)(a) In consultation with the pharmacy quality assurance commission, the board may adopt rules to establish education and training requirements related to legend drugs and controlled substances.

(b) The board shall adopt pain management rules appropriate for acute pain treatment, including, but not limited to, patient examination and screening for comorbidities and risk factors.

**Sec. 3.** RCW 69.41.030 and 2013 c 71 s 1 and 2013 c 12 s 1 are each reenacted and amended to read as follows:

(1) It shall be unlawful for any person to sell, deliver, or possess any legend drug except upon the order or prescription of a physician under chapter 18.71 RCW, an osteopathic physician and surgeon under chapter 18.57 RCW, an optometrist licensed under chapter 18.53 RCW who is certified by the optometry board under RCW 18.53.010, a dentist under chapter 18.32 RCW, a podiatric physician and surgeon under chapter 18.22 RCW, a naturopathic physician under chapter 18.36A RCW, a veterinarian under chapter 18.92 RCW, a

commissioned medical or dental officer in the United States armed forces or public health service in the discharge of his or her official duties, a duly licensed physician or dentist employed by the veterans administration in the discharge of his or her official duties, a registered nurse or advanced registered nurse practitioner under chapter 18.79 RCW when authorized by the nursing care quality assurance commission, a pharmacist licensed under chapter 18.64 RCW to the extent permitted by drug therapy guidelines or protocols established under RCW 18.64.011 and authorized by the ((~~board of~~)) pharmacy quality assurance commission and approved by a practitioner authorized to prescribe drugs, an osteopathic physician assistant under chapter 18.57A RCW when authorized by the board of osteopathic medicine and surgery, a physician assistant under chapter 18.71A RCW when authorized by the medical quality assurance commission, or any of the following professionals in any province of Canada that shares a common border with the state of Washington or in any state of the United States: A physician licensed to practice medicine and surgery or a physician licensed to practice osteopathic medicine and surgery, a physician licensed to practice naturopathic medicine and authorized to prescribe legend drugs, a dentist licensed to practice dentistry, a podiatric physician and surgeon licensed to practice podiatric medicine and surgery, a licensed advanced registered nurse practitioner, a licensed physician assistant, a licensed osteopathic physician assistant, or a veterinarian licensed to practice veterinary medicine: PROVIDED, HOWEVER, That the above provisions shall not apply to sale, delivery, or possession by drug wholesalers or drug manufacturers, or their agents or employees, or to any practitioner acting within the scope of his or her license, or to a common or contract carrier or warehouse operator, or any employee thereof, whose possession of any legend drug is in the usual course of business or employment: PROVIDED FURTHER, That nothing in this chapter or chapter 18.64 RCW shall prevent a family planning clinic that is under contract with the health care authority from selling, delivering, possessing, and dispensing commercially prepackaged oral contraceptives prescribed by authorized, licensed health care practitioners.

(2)(a) A violation of this section involving the sale, delivery, or possession with intent to sell or deliver is a class B felony punishable according to chapter 9A.20 RCW.

(b) A violation of this section involving possession is a misdemeanor.

**Sec. 4.** RCW 69.43.135 and 2011 c 336 s 838 are each amended to read as follows:

(1) The definitions in this subsection apply throughout this section unless the context clearly requires otherwise.

(a) "Iodine matrix" means iodine at a concentration greater than two percent by weight in a matrix or solution.

(b) "Matrix" means something, as a substance, in which something else originates, develops, or is contained.

(c) "Methylsulfonylmethane" means methylsulfonylmethane in its powder form only, and does not include products containing methylsulfonylmethane in other forms such as liquids, tablets, capsules not containing methylsulfonylmethane in pure powder form, ointments, creams, cosmetics, foods, and beverages.

(2) Any person who knowingly purchases in a thirty-day period or possesses any quantity of iodine in its elemental form, an iodine matrix, or more than two pounds of methylsulfonylmethane is guilty of a gross misdemeanor, except as provided in subsection (3) of this section.

(3) Subsection (2) of this section does not apply to:

(a) A person who possesses iodine in its elemental form or an iodine matrix as a prescription drug, under a prescription issued by a licensed veterinarian, physician, or advanced registered nurse practitioner;

(b) A person who possesses iodine in its elemental form, an iodine matrix, or any quantity of methylsulfonylmethane in its powder form and is actively engaged in the practice of animal husbandry of livestock;

(c) A person who possesses iodine in its elemental form or an iodine matrix in conjunction with experiments conducted in a chemistry or chemistry-related laboratory maintained by a:

(i) Public or private secondary school;

(ii) Public or private institution of higher education that is accredited by a regional or national accrediting agency recognized by the United States department of education;

(iii) Manufacturing facility, government agency, or research facility in the course of lawful business activities;

(d) A veterinarian, physician, naturopathic physician, advanced registered nurse practitioner, pharmacist, retail distributor, wholesaler, manufacturer, warehouse operator, or common carrier, or an agent of any of these persons who possesses iodine in its elemental form, an iodine matrix, or methylsulfonylmethane in its powder form in the regular course of lawful business activities; or

(e) A person working in a general hospital who possesses iodine in its elemental form or an iodine matrix in the regular course of employment at the hospital.

(4) Any person who purchases any quantity of iodine in its elemental form, an iodine matrix, or any quantity of methylsulfonylmethane must present an identification card or driver's license issued by any state in the United States or jurisdiction of another country before purchasing the item.

(5) The Washington state patrol shall develop a form to be used in recording transactions involving iodine in its elemental form, an iodine matrix, or methylsulfonylmethane. A person who sells or otherwise transfers any quantity of iodine in its elemental form, an iodine matrix, or any quantity of methylsulfonylmethane to a person for any purpose authorized in subsection (3) of this section must record each sale or transfer. The record must be made on the form developed by the Washington state patrol and must be retained by the person for at least three years. The Washington state patrol or any local law enforcement agency may request access to the records.

(a) Failure to make or retain a record required under this subsection is a misdemeanor.

(b) Failure to comply with a request for access to records required under this subsection to the Washington state patrol or a local law enforcement agency is a misdemeanor.

**Sec. 5.** RCW 69.45.010 and 2013 c 19 s 81 are each reenacted and amended to read as follows:

The definitions in this section apply throughout this chapter.

(1) "Commission" means the pharmacy quality assurance commission.

(2) "Controlled substance" means a drug, substance, or immediate precursor of such drug or substance, so designated under or pursuant to chapter 69.50 RCW, the uniform controlled substances act.

(3) "Deliver" or "delivery" means the actual, constructive, or attempted transfer from one person to another of a drug or device, whether or not there is an agency relationship.

(4) "Department" means the department of health.

(5) "Dispense" means the interpretation of a prescription or order for a drug, biological, or device and, pursuant to that prescription or order, the proper selection, measuring, compounding, labeling, or packaging necessary to prepare that prescription or order for delivery.

(6) "Distribute" means to deliver, other than by administering or dispensing, a legend drug.

(7) "Drug samples" means any federal food and drug administration approved controlled substance, legend drug, or products requiring prescriptions in this state, which is distributed at no charge to a practitioner by a manufacturer or a manufacturer's representative, exclusive of drugs under clinical investigations approved by the federal food and drug administration.

(8) "Legend drug" means any drug that is required by state law or by regulations of the commission to be dispensed on prescription only or is restricted to use by practitioners only.

(9) "Manufacturer" means a person or other entity engaged in the manufacture or distribution of drugs or devices, but does not include a manufacturer's representative.

(10) "Manufacturer's representative" means an agent or employee of a drug manufacturer who is authorized by the drug manufacturer to possess drug samples for the purpose of distribution in this state to appropriately authorized health care practitioners.

(11) "Person" means any individual, corporation, government or governmental subdivision or agency, business trust, estate, trust, partnership, association, or any other legal entity.

(12) "Practitioner" means a physician under chapter 18.71 RCW, an osteopathic physician or an osteopathic physician and surgeon under chapter 18.57 RCW, a dentist under chapter 18.32 RCW, a podiatric physician and surgeon under chapter 18.22 RCW, a naturopathic physician under chapter 18.36A RCW, a veterinarian under chapter 18.92 RCW, a pharmacist under chapter 18.64 RCW, a commissioned medical or dental officer in the United States armed forces or the public health service in the discharge of his or her official duties, a duly licensed physician or dentist employed by the veterans administration in the discharge of his or her official duties, a registered nurse or advanced registered nurse practitioner under chapter 18.79 RCW when authorized to prescribe by the nursing care quality assurance commission, an osteopathic physician assistant

under chapter 18.57A RCW when authorized by the board of osteopathic medicine and surgery, or a physician assistant under chapter 18.71A RCW when authorized by the medical quality assurance commission.

(13) "Reasonable cause" means a state of facts found to exist that would warrant a reasonably intelligent and prudent person to believe that a person has violated state or federal drug laws or regulations.

(14) "Secretary" means the secretary of health or the secretary's designee.

**Sec. 6.** RCW 69.50.101 and 2014 c 192 s 1 are each amended to read as follows:

Unless the context clearly requires otherwise, definitions of terms shall be as indicated where used in this chapter:

(a) "Administer" means to apply a controlled substance, whether by injection, inhalation, ingestion, or any other means, directly to the body of a patient or research subject by:

(1) a practitioner authorized to prescribe (or, by the practitioner's authorized agent); or

(2) the patient or research subject at the direction and in the presence of the practitioner.

(b) "Agent" means an authorized person who acts on behalf of or at the direction of a manufacturer, distributor, or dispenser. It does not include a common or contract carrier, public warehouseperson, or employee of the carrier or warehouseperson.

(c) "Commission" means the pharmacy quality assurance commission.

(d) "Controlled substance" means a drug, substance, or immediate precursor included in Schedules I through V as set forth in federal or state laws, or federal or commission rules.

(e)(1) "Controlled substance analog" means a substance the chemical structure of which is substantially similar to the chemical structure of a controlled substance in Schedule I or II and:

(i) that has a stimulant, depressant, or hallucinogenic effect on the central nervous system substantially similar to the stimulant, depressant, or hallucinogenic effect on the central nervous system of a controlled substance included in Schedule I or II; or

(ii) with respect to a particular individual, that the individual represents or intends to have a stimulant, depressant, or hallucinogenic effect on the central nervous system substantially similar to the stimulant, depressant, or hallucinogenic effect on the

central nervous system of a controlled substance included in Schedule I or II.

(2) The term does not include:

(i) a controlled substance;

(ii) a substance for which there is an approved new drug application;

(iii) a substance with respect to which an exemption is in effect for investigational use by a particular person under Section 505 of the federal Food, Drug and Cosmetic Act, 21 U.S.C. Sec. 355, to the extent conduct with respect to the substance is pursuant to the exemption; or

(iv) any substance to the extent not intended for human consumption before an exemption takes effect with respect to the substance.

(f) "Deliver" or "delivery," means the actual or constructive transfer from one person to another of a substance, whether or not there is an agency relationship.

(g) "Department" means the department of health.

(h) "Dispense" means the interpretation of a prescription or order for a controlled substance and, pursuant to that prescription or order, the proper selection, measuring, compounding, labeling, or packaging necessary to prepare that prescription or order for delivery.

(i) "Dispenser" means a practitioner who dispenses.

(j) "Distribute" means to deliver other than by administering or dispensing a controlled substance.

(k) "Distributor" means a person who distributes.

(l) "Drug" means (1) a controlled substance recognized as a drug in the official United States pharmacopoeia/national formulary or the official homeopathic pharmacopoeia of the United States, or any supplement to them; (2) controlled substances intended for use in the diagnosis, cure, mitigation, treatment, or prevention of disease in individuals or animals; (3) controlled substances (other than food) intended to affect the structure or any function of the body of individuals or animals; and (4) controlled substances intended for use as a component of any article specified in (1), (2), or (3) of this subsection. The term does not include devices or their components, parts, or accessories.

(m) "Drug enforcement administration" means the drug enforcement administration in the United States Department of Justice, or its successor agency.

(n) "Electronic communication of prescription information" means the transmission of a prescription or refill authorization for a drug of a practitioner using computer systems. The term does not include a prescription or refill authorization verbally transmitted by telephone nor a facsimile manually signed by the practitioner.

(o) "Immediate precursor" means a substance:

(1) that the commission has found to be and by rule designates as being the principal compound commonly used, or produced primarily for use, in the manufacture of a controlled substance;

(2) that is an immediate chemical intermediary used or likely to be used in the manufacture of a controlled substance; and

(3) the control of which is necessary to prevent, curtail, or limit the manufacture of the controlled substance.

(p) "Isomer" means an optical isomer, but in subsection (z)(5) of this section, RCW 69.50.204(a) (12) and (34), and 69.50.206(b)(4), the term includes any geometrical isomer; in RCW 69.50.204(a) (8) and (42), and 69.50.210(c) the term includes any positional isomer; and in RCW 69.50.204(a)(35), 69.50.204(c), and 69.50.208(a) the term includes any positional or geometric isomer.

(q) "Lot" means a definite quantity of marijuana, useable marijuana, or marijuana-infused product identified by a lot number, every portion or package of which is uniform within recognized tolerances for the factors that appear in the labeling.

(r) "Lot number" shall identify the licensee by business or trade name and Washington state unified business identifier number, and the date of harvest or processing for each lot of marijuana, useable marijuana, or marijuana-infused product.

(s) "Manufacture" means the production, preparation, propagation, compounding, conversion, or processing of a controlled substance, either directly or indirectly or by extraction from substances of natural origin, or independently by means of chemical synthesis, or by a combination of extraction and chemical synthesis, and includes any packaging or repackaging of the substance or labeling or relabeling of its container. The term does not include the preparation, compounding, packaging, repackaging, labeling, or relabeling of a controlled substance:

(1) by a practitioner as an incident to the practitioner's administering or dispensing of a controlled substance in the course of the practitioner's professional practice; or

(2) by a practitioner, or by the practitioner's authorized agent under the practitioner's supervision, for the purpose of, or as an incident to, research, teaching, or chemical analysis and not for sale.

(t) "Marijuana" or "marihuana" means all parts of the plant Cannabis, whether growing or not, with a THC concentration greater than 0.3 percent on a dry weight basis; the seeds thereof; the resin extracted from any part of the plant; and every compound, manufacture, salt, derivative, mixture, or preparation of the plant, its seeds or resin. The term does not include the mature stalks of the plant, fiber produced from the stalks, oil or cake made from the seeds of the plant, any other compound, manufacture, salt, derivative, mixture, or preparation of the mature stalks (except the resin extracted therefrom), fiber, oil, or cake, or the sterilized seed of the plant which is incapable of germination.

(u) "Marijuana concentrates" means products consisting wholly or in part of the resin extracted from any part of the plant Cannabis and having a THC concentration greater than sixty percent.

(v) "Marijuana processor" means a person licensed by the state liquor control board to process marijuana into useable marijuana and marijuana-infused products, package and label useable marijuana and marijuana-infused products for sale in retail outlets, and sell useable marijuana and marijuana-infused products at wholesale to marijuana retailers.

(w) "Marijuana producer" means a person licensed by the state liquor control board to produce and sell marijuana at wholesale to marijuana processors and other marijuana producers.

(x) "Marijuana-infused products" means products that contain marijuana or marijuana extracts, are intended for human use, and have a THC concentration greater than 0.3 percent and no greater than sixty percent. The term "marijuana-infused products" does not include either useable marijuana or marijuana concentrates.

(y) "Marijuana retailer" means a person licensed by the state liquor control board to sell useable marijuana and marijuana-infused products in a retail outlet.

(z) "Narcotic drug" means any of the following, whether produced directly or indirectly by extraction from substances of vegetable

origin, or independently by means of chemical synthesis, or by a combination of extraction and chemical synthesis:

(1) Opium, opium derivative, and any derivative of opium or opium derivative, including their salts, isomers, and salts of isomers, whenever the existence of the salts, isomers, and salts of isomers is possible within the specific chemical designation. The term does not include the isoquinoline alkaloids of opium.

(2) Synthetic opiate and any derivative of synthetic opiate, including their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers, whenever the existence of the isomers, esters, ethers, and salts is possible within the specific chemical designation.

(3) Poppy straw and concentrate of poppy straw.

(4) Coca leaves, except coca leaves and extracts of coca leaves from which cocaine, ecgonine, and derivatives or ecgonine or their salts have been removed.

(5) Cocaine, or any salt, isomer, or salt of isomer thereof.

(6) Cocaine base.

(7) Ecgonine, or any derivative, salt, isomer, or salt of isomer thereof.

(8) Any compound, mixture, or preparation containing any quantity of any substance referred to in subparagraphs (1) through (7).

(aa) "Opiate" means any substance having an addiction-forming or addiction-sustaining liability similar to morphine or being capable of conversion into a drug having addiction-forming or addiction-sustaining liability. The term includes opium, substances derived from opium (opium derivatives), and synthetic opiates. The term does not include, unless specifically designated as controlled under RCW 69.50.201, the dextrorotatory isomer of 3-methoxy-n-methylmorphinan and its salts (dextromethorphan). The term includes the racemic and levorotatory forms of dextromethorphan.

(bb) "Opium poppy" means the plant of the species Papaver somniferum L., except its seeds.

(cc) "Person" means individual, corporation, business trust, estate, trust, partnership, association, joint venture, government, governmental subdivision or agency, or any other legal or commercial entity.

(dd) "Poppy straw" means all parts, except the seeds, of the opium poppy, after mowing.

(ee) "Practitioner" means:

(1) A physician under chapter 18.71 RCW; a physician assistant under chapter 18.71A RCW; an osteopathic physician and surgeon under chapter 18.57 RCW; a naturopathic physician under chapter 18.36A RCW, subject to any limitations in section 2 of this act; an osteopathic physician assistant under chapter 18.57A RCW who is licensed under RCW 18.57A.020 subject to any limitations in RCW 18.57A.040; an optometrist licensed under chapter 18.53 RCW who is certified by the optometry board under RCW 18.53.010 subject to any limitations in RCW 18.53.010; a dentist under chapter 18.32 RCW; a podiatric physician and surgeon under chapter 18.22 RCW; a veterinarian under chapter 18.92 RCW; a registered nurse, advanced registered nurse practitioner, or licensed practical nurse under chapter 18.79 RCW; ((~~a naturopathic physician under chapter 18.36A RCW who is licensed under RCW 18.36A.030 subject to any limitations in RCW 18.36A.040;~~)) a pharmacist under chapter 18.64 RCW or a scientific investigator under this chapter, licensed, registered or otherwise permitted insofar as is consistent with those licensing laws to distribute, dispense, conduct research with respect to or administer a controlled substance in the course of their professional practice or research in this state.

(2) A pharmacy, hospital or other institution licensed, registered, or otherwise permitted to distribute, dispense, conduct research with respect to or to administer a controlled substance in the course of professional practice or research in this state.

(3) A physician licensed to practice medicine and surgery, a physician licensed to practice osteopathic medicine and surgery, a dentist licensed to practice dentistry, a podiatric physician and surgeon licensed to practice podiatric medicine and surgery, a licensed physician assistant or a licensed osteopathic physician assistant specifically approved to prescribe controlled substances by his or her state's medical quality assurance commission or equivalent and his or her supervising physician, an advanced registered nurse practitioner licensed to prescribe controlled substances, a naturopathic physician licensed to prescribe controlled substances, or a veterinarian licensed to practice veterinary medicine in any state of the United States.

(ff) "Prescription" means an order for controlled substances issued by a practitioner duly authorized by law or rule in the state of Washington to prescribe controlled substances within the scope of his or her professional practice for a legitimate medical purpose.

(gg) "Production" includes the manufacturing, planting, cultivating, growing, or harvesting of a controlled substance.

(hh) "Retail outlet" means a location licensed by the state liquor control board for the retail sale of useable marijuana and marijuana-infused products.

(ii) "Secretary" means the secretary of health or the secretary's designee.

(jj) "State," unless the context otherwise requires, means a state of the United States, the District of Columbia, the Commonwealth of Puerto Rico, or a territory or insular possession subject to the jurisdiction of the United States.

(kk) "THC concentration" means percent of delta-9 tetrahydrocannabinol content per dry weight of any part of the plant *Cannabis*, or per volume or weight of marijuana product, or the combined percent of delta-9 tetrahydrocannabinol and tetrahydrocannabinolic acid in any part of the plant *Cannabis* regardless of moisture content.

(ll) "Ultimate user" means an individual who lawfully possesses a controlled substance for the individual's own use or for the use of a member of the individual's household or for administering to an animal owned by the individual or by a member of the individual's household.

(mm) "Useable marijuana" means dried marijuana flowers. The term "useable marijuana" does not include either marijuana-infused products or marijuana concentrates.

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