



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service
Food and Drug Administration

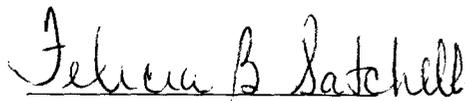
Memorandum

0434 '03 JAN 27 P2:24

Date: JAN 23 2003
From: Director, Division of Standards and Labeling Regulations, Office of Nutritional Products, Labeling and Dietary Supplements, HFS-820
Subject: 75-Day Premarket Notification of New Dietary Ingredients
To: Dockets Management Branch, HFA-305

Subject of the Notification: Oculax™ (acupoint eye patch)
Firm: YAT CHAU (USA) INC.
Date Received by FDA: August 14, 2002
90-Day Date: November 12, 2002

In accordance with the requirements of section 413(a) of the Federal Food, Drug, and Cosmetic Act, the attached 75-day premarket notification and related correspondence for the aforementioned new dietary ingredient should be placed on public display in docket number 95S-0316 as soon possible since it is past the 90-day date. Thank you for your assistance.


Felicia B. Satchell

Attachments

95S-0316

RPT 151



OCT 23 2002

Sherman Ye, Ph.D.
YAT CHAU (USA) INC.
131-137A, 41 Avenue, First Floor
Flushing, New York 11355

Dear Dr. Ye:

This is in response to your notification, dated August 3, 2002, submitted to the Food and Drug Administration (FDA) pursuant to 21 U.S.C. 350b(a)(2) that was received and filed by FDA on August 14, 2002. Your notification states that YAT CHAU (USA) INC. wants to market as a dietary supplement the product called Oculax™ that contains several herbal ingredients and is in the form of an acupoint skin patch applied to the face for relaxing the eye.

Oculax™ does not meet the statutory definition of a dietary supplement under 21 U.S.C. 321(ff) established by the Dietary Supplement Health and Education Act of 1994 (copy enclosed). Therefore, Oculax™ cannot be marketed as a dietary supplement. Namely, Oculax™ is not intended for ingestion, but instead is designed for transdermal administration of its ingredients. We explain the basis for our determination below.

The law at 21 U.S.C. 321(ff) defines the term "dietary supplement" as a product (other than tobacco) intended to "supplement the diet" that bears or contains a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by man to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combination of any of the above ingredients. Section 350(c)(1)(B)(i) of the law states that dietary supplements are "intended for ingestion" in tablet, capsule, powder, softgel, gelcap or liquid form. In addition, Section 350(c)(1)(B)(ii) of the law indicates that dietary supplements can be in other forms intended for ingestion provided that they not be represented for use as a sole item of a meal or of the diet. Dietary supplements fall under the category of foods for consumption by humans.

The ordinary and plain meaning of the term "ingestion" means to take into the stomach and gastrointestinal tract by means of enteral administration. The physical forms of dietary supplements described under that law also indicate that they are intended for oral consumption by swallowing. In comparison, Oculax™ is not designed to be ingested or swallowed, but delivers its ingredients into the body using a transdermal patch delivery system applied to the skin that represents an external or topical use.

Moreover, the statements that you are making for Oculax™, including "soothing uncomfortable feelings of glaucoma, myopia (nearsightedness), etc.," suggest that Oculax™ is intended for use as a drug within the meaning of 21 U.S.C. 321(g)(1)(B) and (C). The law at 21 U.S.C. 321(g)(1)(B) defines a drug as an article intended for use in the diagnosis, cure,

Page 2 – Sherman Ye, Ph.D.

mitigation, treatment or prevention of a disease in man or animals. The law at 21 U.S.C. 321(g)(1)(C) further defines a drug as an article (other than food) intended to affect the structure or any function of the body of man or animals.

Oculax™ is not intended for ingestion or swallowing; therefore, it cannot be a food or a dietary supplement. Glaucoma is a disease in man. Soothing the uncomfortable feelings of glaucoma indicates either that Oculax™ may be able to mitigate or moderate the effects of glaucoma or may be able to affect the structure or function of the body. Consequently, if you intend to market Oculax™ as described in your August 3, 2002 correspondence, you should contact FDA's Center for Drug Evaluation and Research (CDER), Office of Compliance, HFD-310, 7520 Standish Place, Rockville, Maryland 20855.

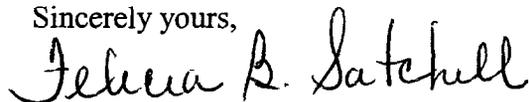
For the reasons discussed above, Oculax™ is subject to regulation as a drug under 21 U.S.C. 321(g)(1), and first must be approved by FDA as a new drug under 21 U.S.C. 355(a) to be legally marketed in the U.S. Unapproved new drugs are prohibited under 21 U.S.C. 331(d) from being introduced or delivered for introduction into interstate commerce.

Your notification will be kept confidential for 90 days after the filing date. Therefore, after November 12, 2002, the notification and this response will be placed on public display at FDA's Dockets Management Branch in docket number 95S-0316. However, any trade secret or otherwise confidential commercial information that is in the notification will not be disclosed to the public.

Prior to November 12, 2002, you may wish to identify for FDA in writing the specific information in the notification that you believe is proprietary. Nevertheless, our Center's Freedom of Information Officer has the authority to make the final decision about what information in the notification should be redacted before it is posted at Dockets.

If you have any questions about this correspondence, please contact my office at (301) 436-2371.

Sincerely yours,



Felicia B. Satchell
Director
Division of Standards
and Labeling Regulations
Office of Nutritional Products, Labeling
and Dietary Supplements
Center for Food Safety
and Applied Nutrition

Enclosure

U.S. Food and Drug Administration

Dietary Supplement Health and Education Act of 1994

Public Law 103-417

103rd Congress

An Act

To amend the Federal Food, Drug, and Cosmetic Act to establish standards with respect to dietary supplements, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

§1. Short Title; Reference; Table Of Contents.

• **(a) Short Title.**

This Act may be cited as the "Dietary Supplement Health and Education Act of 1994".

• **(b) Reference.**

Whenever in this Act an amendment or repeal is expressed in terms of an amendment to, or repeal of, a section or other provision, the reference shall be considered to be made to a section or other provision of the Federal Food, Drug, and Cosmetic Act.

• **(c) Table of Contents.**

The table of contents of this Act is as follows:

- Sec. 1. Short title; reference; table of contents.
- Sec. 2. Findings.
- Sec. 3. Definitions.
- Sec. 4. Safety of dietary supplements and burden of proof on FDA.
- Sec. 5. Dietary supplement claims.
- Sec. 6. Statements of nutritional support.
- Sec. 7. Dietary supplement ingredient labeling and nutrition information labeling.
- Sec. 8. New dietary ingredients.
- Sec. 9. Good manufacturing practices.
- Sec. 10. Conforming amendments.
- Sec. 11. Withdrawal of the regulations and notice.

Sec. 12. Commission on dietary supplement labels.
Sec. 13. Office of dietary supplements.

§2. Findings.

Congress finds that -

- (1) improving the health status of United States citizens ranks at the top of the national priorities of the Federal Government;
- (2) the importance of nutrition and the benefits of dietary supplements to health promotion and disease prevention have been documented increasingly in scientific studies;
- (3)(A) there is a link between the ingestion of certain nutrients or dietary supplements and the prevention of chronic diseases such as cancer, heart disease, and osteoporosis; and
- (B) clinical research has shown that several chronic diseases can be prevented simply with a healthful diet, such as a diet that is low in fat, saturated fat, cholesterol, and sodium, with a high proportion of plant-based foods;
- (4) healthful diets may mitigate the need for expensive medical procedures, such as coronary bypass surgery or angioplasty;
- (5) preventive health measures, including education, good nutrition, and appropriate use of safe nutritional supplements will limit the incidence of chronic diseases, and reduce long-term health care expenditures;
- (6)(A) promotion of good health and healthy lifestyles improves and extends lives while reducing health care expenditures; and
- (B) reduction in health care expenditures is of paramount importance to the future of the country and the economic well-being of the country;
- (7) there is a growing need for emphasis on the dissemination of information linking nutrition and long-term good health;
- (8) consumers should be empowered to make choices about preventive health care programs based on data from scientific studies of health benefits related to particular dietary supplements;
- (9) national surveys have revealed that almost 50 percent of the 260,000,000 Americans regularly consume dietary supplements of vitamins, minerals, or herbs as a means of improving their nutrition;
- (10) studies indicate that consumers are placing increased reliance on the use of nontraditional health care providers to avoid the excessive costs of traditional medical services and to obtain more holistic consideration of their needs;
- (11) the United States will spend over \$1,000,000,000,000 on health care in 1994, which is about 12 percent of the Gross National Product of the United States, and this amount and percentage will continue to increase unless significant efforts are undertaken to reverse the increase;
- (12)(A) the nutritional supplement industry is an integral part of the economy of the United States;
- (B) the industry consistently projects a positive trade balance; and
- (C) the estimated 600 dietary supplement manufacturers in the United States produce approximately 4,000 products, with total annual sales of such products alone reaching at least \$4,000,000,000;

- (13) although the Federal Government should take swift action against products that are unsafe or adulterated, the Federal Government should not take any actions to impose unreasonable regulatory barriers limiting or slowing the flow of safe products and accurate information to consumers;
- (14) dietary supplements are safe within a broad range of intake, and safety problems with the supplements are relatively rare; and
- (15)(A) legislative action that protects the right of access of consumers to safe dietary supplements is necessary in order to promote wellness; and
- (B) a rational Federal framework must be established to supersede the current ad hoc, patchwork regulatory policy on dietary supplements.

§3. Definitions.

- **(a) Definition of Certain Foods as Dietary Supplements.** Section 201 (21 U.S.C. 321) is amended by adding at the end the following:

"(ff) The term "dietary supplement" -

- "(1) means a product (other than tobacco) intended to supplement the diet that bears or contains one or more of the following dietary ingredients:
 - "(A) a vitamin;
 - "(B) a mineral;
 - "(C) an herb or other botanical;
 - "(D) an amino acid;
 - "(E) a dietary substance for use by man to supplement the diet by increasing the total dietary intake; or
 - "(F) a concentrate, metabolite, constituent, extract, or combination of any ingredient described in clause (A), (B), (C), (D), or (E);
- "(2) means a product that -
 - "(A)(i) is intended for ingestion in a form described in section 411(c)(1)(B)(i); or
 - "(ii) complies with section 411(c)(1)(B)(ii);
 - "(B) is not represented for use as a conventional food or as a sole item of a meal or the diet; and
 - "(C) is labeled as a dietary supplement; and
- "(3) does -
 - "(A) include an article that is approved as a new drug under section 505, certified as an antibiotic under section 507, or licensed as a biologic under section 351 of the Public Health Service Act (42 U.S.C. 262) and was, prior to such approval, certification, or license, marketed as a dietary supplement or as a food unless the Secretary has issued a regulation, after notice and comment, finding that the article, when used as or in a dietary supplement under the conditions of use and dosages set forth in the labeling for such dietary supplement, is unlawful under section 402(f); and
 - "(B) not include -
 - "(i) an article that is approved as a new drug under section

505, certified as an antibiotic under section 507, or licensed as a biologic under section 351 of the Public Health Service Act (42 U.S.C. 262), or

- "(ii) an article authorized for investigation as a new drug, antibiotic, or biological for which substantial clinical investigations have been instituted and for which the existence of such investigations has been made public, which was not before such approval, certification, licensing, or authorization marketed as a dietary supplement or as a food unless the Secretary, in the Secretary's discretion, has issued a regulation, after notice and comment, finding that the article would be lawful under this Act.

Except for purposes of section 201(g), a dietary supplement shall be deemed to be a food within the meaning of this Act.

- **(b) Exclusion from Definition of Food Additive.** Section 201(s) (21 U.S.C. 321(s)) is amended -
 - (1) by striking "or" at the end of subparagraph (4);
 - (2) by striking the period at the end of subparagraph (5) and inserting "; or"; and
 - (3) by adding at the end the following new subparagraph (6) "an ingredient described in paragraph (ff) in, or intended for use in, a dietary supplement."
- **(c) Form of Ingestion.** Section 411(c)(1)(B) (21 U.S.C. 350(c)(1)(B)) is amended -
 - (1) in clause (i), by inserting "powder, softgel, gelcap," after "capsule,"; and
 - (2) in clause (ii), by striking "does not simulate and".

§4. Safety of Dietary Supplements and Burden of Proof on FDA.

Section 402 (21 U.S.C. 342) is amended by adding at the end the following:

- "(f)(1) If it is a dietary supplement or contains a dietary ingredient that -
 - "(A) presents a significant or unreasonable risk of illness or injury under -
 - "(i) conditions of use recommended or suggested in labeling, or
 - "(ii) if no conditions of use are suggested or recommended in the labeling, under ordinary conditions of use;
 - "(B) is a new dietary ingredient for which there is inadequate information to provide reasonable assurance that such ingredient does not present a significant or unreasonable risk of illness or injury;
 - "(C) the Secretary declares to pose an imminent hazard to public health or safety, except that the authority to make such declaration shall not be delegated and the Secretary shall promptly after such a declaration initiate a proceeding in accordance with sections 554 and 556 of title 5, United States Code, to affirm or withdraw the declaration; or

- "(D) is or contains a dietary ingredient that renders it adulterated under paragraph (a)(1) under the conditions of use recommended or suggested in the labeling of such dietary supplement.

In any proceeding under this subparagraph, the United States shall bear the burden of proof on each element to show that a dietary supplement is adulterated. The court shall decide any issue under this paragraph on a de novo basis.

- (2) Before the Secretary may report to a United States attorney a violation of paragraph (1)(A) for a civil proceeding, the person against whom such proceeding would be initiated shall be given appropriate notice and the opportunity to present views, orally and in writing, at least 10 days before such notice, with regard to such proceeding.

§5. Dietary Supplement Claims.

Chapter IV (21 U.S.C. 341 et seq.) is amended by inserting after section 403A the following new section:

DIETARY SUPPLEMENT LABELING EXEMPTIONS

- **"Sec. 403B. (a) IN GENERAL.**- A publication, including an article, a chapter in a book, or an official abstract of a peer-reviewed scientific publication that appears in an article and was prepared by the author or the editors of the publication, which is reprinted in its entirety, shall not be defined as labeling when used in connection with the sale of a dietary supplement to consumers when it -
 - "(1) is not false or misleading;
 - "(2) does not promote a particular manufacturer or brand of a dietary supplement;
 - "(3) is displayed or presented, or is displayed or presented with other such items on the same subject matter, so as to present a balanced view of the available scientific information on a dietary supplement;
 - "(4) if displayed in an establishment, is physically separate from the dietary supplements; and
 - "(5) does not have appended to it any information by sticker or any other method.
- **"(b) APPLICATION.** - Subsection (a) shall not apply to or restrict a retailer or wholesaler of dietary supplements in any way whatsoever in the sale of books or other publications as a part of the business of such retailer or wholesaler.
- **"(c) BURDEN OF PROOF.** - In any proceeding brought under subsection (a), the burden of proof shall be on the United States to establish that an article or other such matter is false or misleading."

§6. Statements of Nutritional Support.

Section 403(r) (21 U.S.C. 343(r)) is amended by adding at the end the following:

- "(6) For purposes of paragraph (r)(1)(B), a statement for a dietary supplement may be made if -
 - "(A) the statement claims a benefit related to a classical nutrient deficiency disease and discloses the prevalence of such disease in the United States, describes the role of a nutrient or dietary ingredient intended to affect the structure or function in humans, characterizes the documented mechanism by which a nutrient or dietary ingredient acts to maintain such structure or function, or describes general well-being from consumption of a nutrient or dietary ingredient,
 - "(B) the manufacturer of the dietary supplement has substantiation that such statement is truthful and not misleading, and
 - "(C) the statement contains, prominently displayed and in boldface type, the following: "This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease."

A statement under this subparagraph may not claim to diagnose, mitigate, treat, cure, or prevent a specific disease or class of diseases. If the manufacturer of a dietary supplement proposes to make a statement described in the first sentence of this subparagraph in the labeling of the dietary supplement, the manufacturer shall notify the Secretary no later than 30 days after the first marketing of the dietary supplement with such statement that such a statement is being made."

§7. Dietary Supplement Ingredient Labeling and Nutrition Information Labeling.

- **(a) MISBRANDED SUPPLEMENTS.** - Section 403 (21 U.S.C. 343) is amended by adding at the end the following: "(s) If -
 - "(1) it is a dietary supplement; and
 - "(2)(A) the label or labeling of the supplement fails to list -
 - "(i) the name of each ingredient of the supplement that is described in section 201(ff); and
 - "(ii)(I) the quantity of each such ingredient; or
 - "(II) with respect to a proprietary blend of such ingredients, the total quantity of all ingredients in the blend;
 - "(B) the label or labeling of the dietary supplement fails to identify the product by using the term 'dietary supplement', which term may be modified with the name of such an ingredient;
 - "(C) the supplement contains an ingredient described in section 201(ff)(1)(C), and the label or labeling of the supplement fails to identify any part of the plant from which the ingredient is derived;
 - "(D) the supplement -
 - "(i) is covered by the specifications of an official compendium;
 - "(ii) is represented as conforming to the specifications of an official compendium; and
 - "(iii) fails to so conform; or

- "(E) the supplement -
 - "(i) is not covered by the specifications of an official compendium; and
 - "(ii)(I) fails to have the identity and strength that the supplement is represented to have; or
 - "(II) fails to meet the quality (including tablet or capsule disintegration), purity, or compositional specifications, based on validated assay or other appropriate methods, that the supplement is represented to meet."
- **(b) Supplement Listing on Nutrition Labeling.** Section 403(q)(5)(F) (21 U.S.C. 343(q)(5)(F)) is amended to read as follows:
 - "(F) A dietary supplement product (including a food to which section 411 applies) shall comply with the requirements of subparagraphs (1) and (2) in a manner which is appropriate for the product and which is specified in regulations of the Secretary which shall provide that -
 - "(i) nutrition information shall first list those dietary ingredients that are present in the product in a significant amount and for which a recommendation for daily consumption has been established by the Secretary, except that a dietary ingredient shall not be required to be listed if it is not present in a significant amount, and shall list any other dietary ingredient present and identified as having no such recommendation;
 - "(ii) the listing of dietary ingredients shall include the quantity of each such ingredient (or of a proprietary blend of such ingredients) per serving;
 - "(iii) the listing of dietary ingredients may include the source of a dietary ingredient; and
 - "(iv) the nutrition information shall immediately precede the ingredient information required under subclause (i), except that no ingredient identified pursuant to subclause (i) shall be required to be identified a second time."
- **(c) Percentage Level Claims.** Section 403(r)(2) (21 U.S.C. 343(r)(2)) is amended by adding after clause (E) the following:
 - "(F) Subclause (i) clause (A) does not apply to a statement in the labeling of a dietary supplement that characterizes the percentage level of a dietary ingredient for which the Secretary has not established a reference daily intake, daily recommended value, or other recommendation for daily consumption."
- **(d) Vitamins and Minerals.** Section 411(b)(2) (21 U.S.C. 350(b)(2)) is amended -
 - (1) by striking "vitamins or minerals" and inserting "dietary supplement

- ingredients described in section 201(ff);
 - (2) by striking "(2)(A)" and inserting "(2)"; and
 - (3) by striking subparagraph (B).
- **(e) Effective Date.** Dietary supplements -
 - (1) may be labeled after the date of the enactment of this Act in accordance with the amendments made by this section, and
 - (2) shall be labeled after December 31, 1996, in accordance with such amendments.

§8. New Dietary Ingredients.

Chapter IV of the Federal Food, Drug, and Cosmetic Act is amended by adding at the end the following:

"NEW DIETARY INGREDIENTS

- **"SEC. 413. (a) IN GENERAL.-** A dietary supplement which contains a new dietary ingredient shall be deemed adulterated under section 402(f) unless it meets one of the following requirements:
 - "(1) The dietary supplement contains only dietary ingredients which have been present in the food supply as an article used for food in a form in which the food has not been chemically altered.
 - "(2) There is a history of use or other evidence of safety establishing that the dietary ingredient when used under the conditions recommended or suggested in the labeling of the dietary supplement will reasonably be expected to be safe and, at least 75 days before being introduced or delivered for introduction into interstate commerce, the manufacturer or distributor of the dietary ingredient or dietary supplement provides the Secretary with information, including any citation to published articles, which is the basis on which the manufacturer or distributor has concluded that a dietary supplement containing such dietary ingredient will reasonably be expected to be safe.

The Secretary shall keep confidential any information provided under paragraph (2) for 90 days following its receipt. After the expiration of such 90 days, the Secretary shall place such information on public display, except matters in the information which are trade secrets or otherwise confidential, commercial information.

- **"(b) PETITION. -** Any person may file with the Secretary a petition proposing the issuance of an order prescribing the conditions under which a new dietary ingredient under its intended conditions of use will reasonably be expected to be safe. The Secretary shall make a decision on such petition within 180 days of the date the petition is filed with the Secretary. For purposes of chapter 7 of title 5, United States Code, the decision of the Secretary shall be considered final agency action.

- **"(c) DEFINITION.** - For purposes of this section, the term "new dietary ingredient" means a dietary ingredient that was not marketed in the United States before October 15, 1994 and does not include any dietary ingredient which was marketed in the United States before October 15, 1994."

§9. Good Manufacturing Practices.

Section 402 (21 U.S.C. 342), as amended by section 4, is amended by adding at the end the following:

- "(g)(1) If it is a dietary supplement and it has been prepared, packed, or held under conditions that do not meet current good manufacturing practice regulations, including regulations requiring, when necessary, expiration date labeling, issued by the Secretary under subparagraph (2).
- "(2) The Secretary may by regulation prescribe good manufacturing practices for dietary supplements. Such regulations shall be modeled after current good manufacturing practice regulations for food and may not impose standards for which there is no current and generally available analytical methodology. No standard of current good manufacturing practice may be imposed unless such standard is included in a regulation promulgated after notice and opportunity for comment in accordance with chapter 5 of title 5, United States Code."

§10. Conforming Amendments.

- **(a) SECTION 201** - The last sentence of section 201(g)(1) (21 U.S.C. 321(g)(1)) is amended to read as follows: "A food or dietary supplement for which a claim, subject to sections 403(r)(1)(B) and 403(r)(3) or sections 403(r)(1)(B) and 403(r)(5)(D), is made in accordance with the requirements of section 403(r) is not a drug solely because the label or the labeling contains such a claim. A food, dietary ingredient, or dietary supplement for which a truthful and not misleading statement is made in accordance with section 403(r)(6) is not a drug under clause (C) solely because the label or the labeling contains such a statement."
- **(b) SECTION 301** - Section 301 (21 U.S.C. 331) is amended by adding at the end the following: (u) The introduction or delivery for introduction into interstate commerce of a dietary supplement that is unsafe under section 413."
- **(c) SECTION 403** - Section 403 (21 U.S.C. 343), as amended by section 7, is amended by adding after paragraph (s) the following: "A dietary supplement shall not be deemed misbranded solely because its label or labeling contains directions or conditions of use or warnings."

§11. Withdrawal of the Regulations and Notice.

The advance notice of proposed rulemaking concerning dietary supplements published in the Federal Register of June 18, 1993 (58 FR 33690-33700) is null

and void and of no force or effect insofar as it applies to dietary supplements. The Secretary of Health and Human Services shall publish a notice in the Federal Register to revoke the item declared to be null and void and of no force or effect under subsection (a).

§12. Commission on Dietary Supplement Labels.

- **(a) ESTABLISHMENT.** - There shall be established as an independent agency within the executive branch a commission to be known as the Commission on Dietary Supplement Labels (hereafter in this section referred to as the "Commission").
- **(b) MEMBERSHIP.** -
 - (1) **COMPOSITION.** - The Commission shall be composed of 7 members who shall be appointed by the President.
 - (2) **EXPERTISE REQUIREMENT.** - The members of the Commission shall consist of individuals with expertise and experience in dietary supplements and in the manufacture, regulation, distribution, and use of such supplements. At least three of the members of the Commission shall be qualified by scientific training and experience to evaluate the benefits to health of the use of dietary supplements and one of such three members shall have experience in pharmacognosy, medical botany, traditional herbal medicine, or other related sciences. Members and staff of the Commission shall be without bias on the issue of dietary supplements.
- **(c) FUNCTIONS OF THE COMMISSION.** - The Commission shall conduct a study on, and provide recommendations for, the regulation of label claims and statements for dietary supplements, including the use of literature in connection with the sale of dietary supplements and procedures for the evaluation of such claims. In making such recommendations, the Commission shall evaluate how best to provide truthful, scientifically valid, and not misleading information to consumers so that such consumers may make informed and appropriate health care choices for themselves and their families.
- **(d) ADMINISTRATIVE POWERS OF THE COMMISSION.** -
 - (1) **HEARINGS.** - The Commission may hold hearings, sit and act at such times and places, take such testimony, and receive such evidence as the Commission considers advisable to carry out the purposes of this section.
 - (2) **INFORMATION FROM FEDERAL AGENCIES.** - The Commission may secure directly from any Federal department or agency such information as the Commission considers necessary to carry out the provisions of this section.
 - (3) **AUTHORIZATION OF APPROPRIATIONS.** - There are authorized to be appropriated such sums as may be necessary to carry out this section.

- **(e) REPORTS AND RECOMMENDATIONS. -**
 - (1) **FINAL REPORT REQUIRED. -** Not later than 24 months after the date of enactment of this Act, the Commission shall prepare and submit to the President and to the Congress a final report on the study required by this section.
 - (2) **RECOMMENDATIONS. -** The report described in paragraph (1) shall contain such recommendations, including recommendations for legislation, as the Commission deems appropriate.
 - (3) **ACTION ON RECOMMENDATIONS. -** Within 90 days of the issuance of the report under paragraph (1), the Secretary of Health and Human Services shall publish in the Federal Register a notice of any recommendation of Commission for changes in regulations of the Secretary for the regulation of dietary supplements and shall include in such notice a notice of proposed rulemaking on such changes together with an opportunity to present views on such changes. Such rulemaking shall be completed not later than 2 years after the date of the issuance of such report. If such rulemaking is not completed on or before the expiration of such 2 years, regulations of the Secretary published in 59 FR 395-426 on January 4, 1994, shall not be in effect.

§13. Office of Dietary Supplements.

- **(a) IN GENERAL. -** Title IV of the Public Health Service Act is amended by inserting after section 485B (42 U.S.C. 287c-3) the following:

"SUBPART 4--OFFICE OF DIETARY SUPPLEMENTS SEC. 485C. DIETARY SUPPLEMENTS.

- **"(a) ESTABLISHMENT. -** The Secretary shall establish an Office of Dietary Supplements within the National Institutes of Health.
- **"(b) PURPOSE. -** The purposes of the Office are -
 - **"(1)** to explore more fully the potential role of dietary supplements as a significant part of the efforts of the United States to improve health care; and
 - **"(2)** to promote scientific study of the benefits of dietary supplements in maintaining health and preventing chronic disease and other health-related conditions.
- **"(c) DUTIES. -** The Director of the Office of Dietary Supplements shall -
 - **"(1)** conduct and coordinate scientific research within the National Institutes of Health relating to dietary supplements and the extent to which the use of dietary supplements can limit or reduce the risk of diseases such as heart disease, cancer, birth defects, osteoporosis,

- cataracts, or prostatism;
 - "(2) collect and compile the results of scientific research relating to dietary supplements, including scientific data from foreign sources or the Office of Alternative Medicine;
 - "(3) serve as the principal advisor to the Secretary and to the Assistant Secretary for Health and provide advice to the Director of the National Institutes of Health, the Director of the Centers for Disease Control and Prevention, and the Commissioner of Food and Drugs on issues relating to dietary supplements including -
 - "(A) dietary intake regulations;
 - "(B) the safety of dietary supplements;
 - "(C) claims characterizing the relationship between -
 - "(i) dietary supplements; and
 - "(ii)(I) prevention of disease or other health-related conditions; and
 - "(II) maintenance of health; and
 - "(D) scientific issues arising in connection with the labeling and composition of dietary supplements;
 - "(4) compile a database of scientific research on dietary supplements and individual nutrients; and
 - "(5) coordinate funding relating to dietary supplements for the National Institutes of Health.
- "(d) **DEFINITION.** - As used in this section, the term "dietary supplement" has the meaning given the term in section 201(ff) of the Federal Food, Drug, and Cosmetic Act.
 - "(e) **AUTHORIZATION OF APPROPRIATIONS.** - There are authorized to be appropriated to carry out this section \$5,000,000 for fiscal year 1994 and such sums as may be necessary for each subsequent fiscal year."
- (b) **CONFORMING AMENDMENT.** - Section 401(b)(2) of the Public Health Service Act (42 U.S.C. 281(b)(2)) is amended by adding at the end the following:
 - "(E) The Office of Dietary Supplements."

Approved October 25, 1994.

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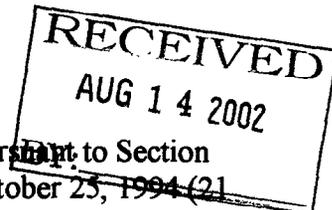
一洲美國藥業集團有限公司
YAT CHAU (USA) INC.

131-37A, 41 AVE., 1FL.
FLUSHING, NEW YORK 11355
U.S.A.

TEL : 1-800-238-3189 OR 1-800-864-1282
FAX : 1-888-332-7888 OR 1-718-886-9519
WEB: www.ycmart.com

The Secretary
Office of Special Nutritionals
Food and Drug Administration
200 C Street, South West
Washington, DC 20204

August 3, 2002



Re: Notification to the Secretary of Health and Human Services pursuant to Section 8(a)(2) of the Dietary Supplement Health and Education Act of October 25, 1994 (21 USC: Federal food, Drug and Cosmetic Act).

Marketing dietary ingredients under Supplement Health and Education Act.

To Whom It May Concern:

YAT CHAU (USA) INC. is requesting marketing clearance for its YatChau Oculax. The premarket notification information required by FDA's Office of Special Nutritionals is as follows:

1. Classification name: YatChau Oculax

Common/Usual Name:

Proprietary Name:

2. Classification: Dietary supplements and their ingredients are governed and regulated under the Dietary Supplement Health and Education Act. Pursuant to Section 8 of the Act such dietary supplements must reasonably be expected to be safe. IN CONSIDERATION OF THE PROVISIONS OF THIS NEW LEGISLATION, YAT CHAU (USA) INC desires to import or export YatChau Oculax for use as a acupoint patch for eye relaxing. This acupoint patch for eye relaxing is formula by the dietary supplements which have been in the US food market for many years. It is reasonably expected to be safe see label of product attached hereto as Figure 1.

3. Label/Labeling/Advertisements: Draft copies of the package labeling and promotional material for YatChau Oculax, the acupoint patch for eye relaxing as well as a list of Scientific Publications are enclosed as Exhibit 2.

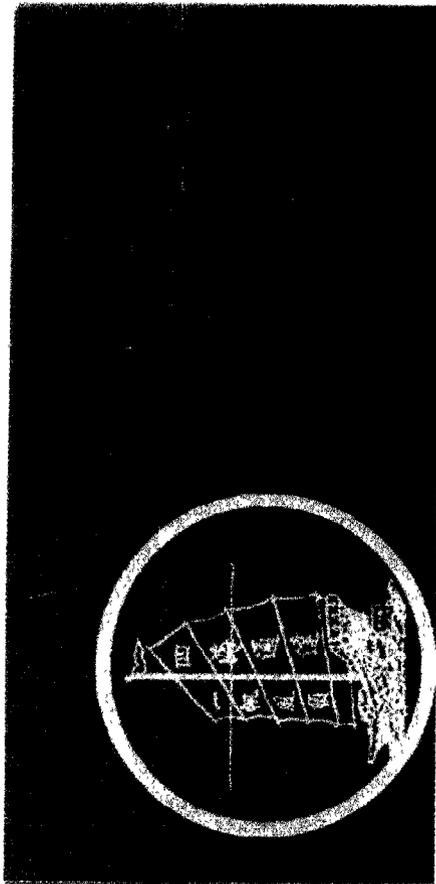
We would appreciate your earliest attention to this submission. It is our understanding that upon the expiration of seventy six (76) days following your office's receipt of this notification and, absent any responsive commentary from your office, YAT CHAU will be able to market the dietary supplement in the United States.

Should you have any questions or comments regarding the enclosed information file, please do not hesitate to contact us.

Very truly yours,


Sherman Ye, Ph.D

81508



Oculax™

(eye relaxing patches)

Ingredients: Extracts of Ligusticum, Salvia root, Tangkuei and Chrysanthemum.

Indications: Soothing computer user's eye fatigue, declined eyesight, sensitive to light; also soothing uncomfortable feelings of glaucoma, myopia (near-sightedness) etc.

Directions: 1) Before bedtime, thoroughly clean face.

2) Apply the patches at various pressure points (see diagram);

3) Discard the used patches the following morning.

4) Apply for 10 consecutive days.



YAT CHAU (USA) INC.
FLUSHING, NY 11355, USA

Made in USA

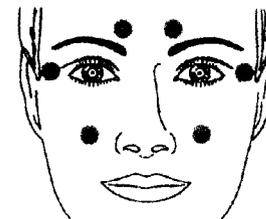
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... **Cnidium Seed**. The small fruit is considered to be a superb tonic to the primal Yang essence and is thus used in many tonics for both men and women. ...
http://www.doctorshealthsupply.com/chineseherbs/herbal_ingredients/cnidium_seed.htm
 More Results From: www.doctorshealthsupply.com

2. Flora of Bhutan Umbelliferae: Cnidium

Cnidium Cusson Mark F. Watson, Royal Botanic Garden Edinburgh. Bhutanese species are essentially glabrous erect biennials or perennials ...
<http://www.rbge.org.uk/data/URC/bhutanumbels/Cnidium.htm>
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3. BONAP Distribution Data: taxa of genus Cnidium in the US

Taxa of genus **Cnidium** in the US. Genus **Cnidium** is a member of the Dicots group, subclass Rosidae, order Apiales, family Apiaceae. ...
http://www.cSDL.tamu.edu/FLORA/cgi/b98_list?genus=Cnidium
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4. Cnidium

... Goto: **Cnidium** Cusson 'Palleroputki' **Cnidium**, Biota of North America Program (query database) [BONAP] ... **Cnidium dubium** (Schkuhr) Thell. 'Palleroputki' ...
<http://www.funet.fi/pub/sci/bio/life/plants/magnoliophyta/magnoliophytina/magnoliopsida/apiaceae/cnidium/>
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5. Buy Stamina RX Online - Buy Xanthoparmelia Scabrosa Online - Buy ...

... The Key Benefits of Stamina-Rx for Men: Increases the production of nitric oxide (**Cnidium** Monnier; and inhibits phosphodiesterase-V (the principle agent ...
<http://www.prescriptionuniverse.com/stamina-rx.html>

6. Cinidium

Cnidium Seeds Latin Name **Cnidium monnieri**. General Description **Cnidium** seeds grow throughout China and are prescribed typically for skin complaints. ...
<http://www.angelfire.com/biz3/nutramedic/cinidium.html>
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7. Stamina-Rx Sexual Stimulant - Hi-Tech Pharmaceuticals (cnidium ...

... Xanthoparmelia Scabrosa and **Cnidium** Monnier are imported exclusively for Hi-Tech Pharmaceuticals, specifically for the production of Stamina-RX. ...
<http://shop.store.yahoo.com/samsgeneralstore/staminarx.html>
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8. Tea Garden Home

... **Cnidium** and Tea, Back. BUY. **Cnidium** and Tea Traditional Formulas \$16.00
 100 caps with 500 mg of Mint, **Cnidium**, Schizonepeta, Siler, Notopterygium ...
<http://teagardenherbalemporium.sureshopping.com/display.asp?sku=247&rP=searching,rqorder@3,rqOrder>



Chinese Herbs

Herbal Ingredients

Cnidium Seed



The small fruit is considered to be a superb tonic to the primal Yang essence and is thus used in many tonics for both men and women. It is widely believed in the Orient to be a superb longevity herb and an excellent sexual tonic and stimulant.

It is said to strengthen the bones.

More Information...

Products Featuring This Herb:
[Ten Complete Supertonic Combination](#)

More Information:

Other Common Names
 Cnidium Seeds

Page Number In Radiant Health
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Pharmaceutical Latin
 Semen Cnidii

Pinyin
 She Chuang Zi

Treasures
 Jing

Treasure Rating
 ***1/2

Atmospheric Energy
 Warm

Taste
 Pungent and Bitter

Organ Meridian Systems
 Kidney and Spleen

Primary Functions
 Tonifies Yang, Warms the Kidneys

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Qualities

Cnidium seed has been very commonly used in formulations designed to warm the Kidneys and strengthen Yang energy. It is primarily used for the purpose of overcoming sexual malaise and strengthening sexual potency. The classics repeatedly mention it as an aphrodisiac. It was used almost routinely in imperial formulas designed specifically for the emperor. Cnidium seed was often used in combination with Cuscuta seed in aphrodisiac formulations, since the two herbs are believed to work synergistically together and to enhance one another. It is also used to increase fertility in both men and women. Cnidium has some astringent quality, which means that it will help prevent premature ejaculation in men. Furthermore, Cnidium seed has disinfectant qualities and may be used externally as a wash on sores, particularly in the genital region.

Primary Combinations

Combine with:

1 Cuscuta and Schizandra to treat infertility, impotence and premature ejaculation

Varieties and Grading

Fresh seed with an aroma is best.

Contraindications

Not to be used for heat syndromes

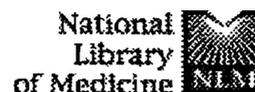
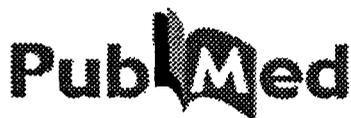
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DONG QUAI (Angelica Sinensis)



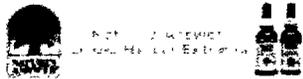
Definition: Considered one of the best herbal uterine tonics Dong Quai is very highly regarded by asian medical practitioners. Used to correct painful menstruation, hormonal imbalance, postpartum conditions and menopausal , symptoms, this herb works well with vitamin E to strengthen the reproductive system.

Application: Atherosclerosis, anemia, bleeding, fatigue, circulatory insufficiencies, high blood pressure, hormonal imbalance, menstrual disorders (irregualr periods or painful periods), menopause, muscle spasms and poor vitality.

Scinetific Updats: The chemical constituents of Dong Quai have an immediate stimulatory effect on the uterus by strengthening and normalizing uterine contractions. Both animal and human studies have found that Dong Quai improves peripheral circulation. Research indicates is that it is the ferulic acid and relaxes blood vessels. It also has proven estrogenic acitvities.

Safety: No reported toxicity. Avoid in cases of severe gastrointestinal disease and check with your physician if pregnant or nursing. This herb should not be used by anyone with hemorrhagic diseases or during the first three months of pregnancy. It should also be avoided during the first three months of preganacy. It should also be avoided during during severe cases of the flu or in cases of spontaneous abortion.

Complementary Agents: Kelp, black cohosh, cramp bark, squaw wine, queen of the meadow, sarsaparilla, licorice, damiana, red raspberry, saw palmetto, wild yam vitamin E, Vitamin C, bioflavonoids, B-complex, calcium/Magnesium, Potassium, marine lipids and primrose oil.



Nature's Answer cat# NA-0610 - Dong Quai root 1oz Alcohol Free Singles

Nature's Answer cat# NA-0259 - Dong Quai root 1oz Low Alcohol singles



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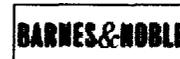
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Kid`s Corner
Solaray - cat# - SLRY-1236 - Dong Quai - 180ct Capsule - 550 mg - (SO)

California Baby
Solaray - cat# - SLRY-1230 - Dong Quai - 50ct Capsule - 550 mg - (SO)

Tom`s of Maine
Solaray - cat# - SLRY-3375 - Dong Quai Root Extract - 60ctCapsule - 250 mg - (SO)

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Muscle Tech

Nutritional TherapeuticsInc



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Dietary supplement-drug interactions.
J Am Med Womens Assoc. 1999 Fall;54(4):191-2,195. Review.
PMID: 10531760 [PubMed - indexed for MEDLINE]
- 15: [Page RL 2nd, Lawrence JD.](#) Related Articles
Potentiation of warfarin by dong quai.
Pharmacotherapy. 1999 Jul;19(7):870-6.
PMID: 10417036 [PubMed - indexed for MEDLINE]
- 16: [Hirata JD, Swiersz LM, Zell B, Small R, Ettinger B.](#) Related Articles
Does dong quai have estrogenic effects in postmenopausal women? A double-blind, placebo-controlled trial.
Fertil Steril. 1997 Dec;68(6):981-6.
PMID: 9418683 [PubMed - indexed for MEDLINE]
- 17: [Shaw CR.](#) Related Articles
The perimenopausal hot flash: epidemiology, physiology, and treatment.

Nurse Pract. 1997 Mar;22(3):55-6, 61-6. Review.
PMID: 9078514 [PubMed - indexed for MEDLINE]

18: [Zhu DP.](#)

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Dong quai.
Am J Chin Med. 1987;15(3-4):117-25.
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<http://www.angelfire.com/ab3/chrysanthemum>
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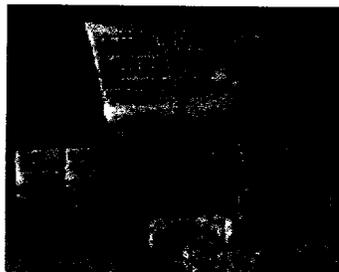
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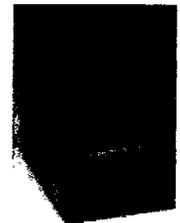


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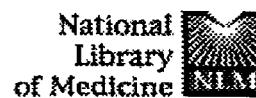
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 Chem Pharm Bull (Tokyo). 2002 Jul;50(7):972-5.
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 Effect of day and night temperature on internode and stem length in chrysanthemum: is everything explained by DIF?
 Ann Bot (Lond). 2002 Jul;90(1):111-8.
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 Levels and tissue-dependent distribution of dioxin in Japanese domestic leafy vegetables--from the 1999 national investigation.
 Chemosphere. 2002 Jul;48(2):247-56.
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 Isolation and identification of dihydrochrysanolide and its 1-epimer from Chrysanthemum coronarium L.
 Biosci Biotechnol Biochem. 2002 Apr;66(4):862-5.
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- 6: Vaillant N, Monnet F, Vernay P, Sallanon H, Coudret A, Hitmi A.** Related Articles
 Urban wastewater treatment by a nutrient film technique system with a valuable commercial plant species (Chrysanthemum cinerariaefolium Trev.).
 Environ Sci Technol. 2002 May 1;36(9):2101-6.
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- 7:** [Sadof CS, Sclar DC.](#) Related Articles
Public tolerance to defoliation and flower distortion in a public horticulture garden.
J Econ Entomol. 2002 Apr;95(2):348-53.
PMID: 12020012 [PubMed - indexed for MEDLINE]
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Ti- and cryptic-plasmid-borne virulence of wild-type *Agrobacterium tumefaciens* strain CNI5 isolated from chrysanthemum (*Dendranthema grandiflora* Tzvelev).
Arch Microbiol. 2001 Nov;176(5):315-22.
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 Zhonghua Yi Shi Za Zhi. 1993;23(2):114-7. Chinese. No abstract available.
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- 18:** [Lee JR](#), [Yang MS](#), [Jang DS](#), [Ha TJ](#), [Park KM](#), [Lee CH](#), [Kho YH](#), [Park KH](#). **Related Articles**
A new guaianolide as apoptosis inhibitor from Chrysanthemum boreale.
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http://www.newcenturynutrition.com/public_html/herb_library/latin4.shtml

2. [Herbasin](#)

... Lycii (Gouqi) from Zhongning County in Ningxia provience, **Radix Angelicae Sinensis** (Donggui) from Min County in Gansu, **Radix Aconiti Lateralis Preparata** (Fuzi ...
<http://www.herbasin.com/en/faq.htm>
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3. [Qpuncture.com](#)

... Rhizoma, Aucklandiac **Radix**, Gentianac, Macrophyllac **Radix**, Cnidii Fructus, **Aconiti Radix**, **Lateralis**, **Preparata B**, Angelicae, Sinensis **Radix**, Cartha... ...
http://www.qpuncture.com/shop/view_sub.php?in_menu=Z

4. [Despacho n.º 4/SSM/98](#)

... ISATIDIS RHIZOMA CIBOTII RHIZOMA ANEMARRHENAE RHIZOMA ET **RADIX NOTOPTERYGII RHIZO** **POLYGONI CUSPIDATI RADIX TINOSPORAE RADIX ACONITI LATERALIS PREPARATA RADIX ...**
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5. [Art](#)

... **Preparata**, zhi cao wu. 1305, **Radix Aconiti Lateralis Preparata**, shou fu pi. 1306, **Radix Aconiti Preparata**, zhi chuan wu. 1307, **Radix Adenophorae ...**
<http://members.ams.chello.nl/kyhu/PaulaChinHerbs%20R.htm>

6. [Serial](#)

... AD028, ???, Dan Fu Pian, ?, **Radix Aconiti Lateralis Preparata**, 6, 0.23, 11.50. AZ116, ???, Zhi Shou Wu, Prepared Common Monkshood Mather Root, **Radix Aconiti ...**
<http://www.ycyhealth.com/Chinese%20Herbal%20Medicines/chinese%20herbal%20patent%20medicine-latin-tm>
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7. [Welcome to N!. Acupuncture & Herbal Supplies Ltd.](#)

... 1010110096, Fu Xiao Mai, Light Wheat, FructusTritici Levis, 8.01. 1010110097, Fu Zi (Zhi), Common Monkshood (processed), **Radix Aconiti Lateralis Preparata**, 13.41. ...
<http://www.nlherbs.com/NL-Herbs-Index-F.html>

8. [Nature's Health Herbs for women's health,men's health,weight loss ...](#)

... AI FU NUAN GONG WAN. SYPTOMS: Female sterility. This formula contains: **Folium Artemisiae Argyi**, 6g. **Radix Aconiti Lateralis Preparata**, 4g. ...
<http://www.nature-s-health.com/products/herbaltea/aifunuangongwan.htm>
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9. Herbdoet - Store Index

... 17.50, Kidney Qi Tonifying Pill (Jin Gui Shen Qi Wan) **Radix Rehmanniae Praeparata**, Rhizoma Alismatis, **Radix Aconiti Lateralis Preparata**, \$ 7.00, ...
http://tcmshop.bizhosting.com/store_index.html

10. ???

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http://commerce.tcm1.com.cn/chinameeting/sw_zybb03.htm

11. ??????

... ?????????? Yang ?????????? Yin Yang Huo (Epidimii Herba)9?, Rou Guo (Cinnamomun cassia Presl)9?, Zhi Fu Zi (**Aconiti Radix Lateralis Preparata**)6? ...
<http://www.strannik infomsk.ru/stat/st10.htm>

12. Men's Formula

... Cortex Eucommiae, • Colla Cornu Cervi, • Fructus Corni, • **Radix Angelicae Sinensis**, • **Radix Aconiti Lateralis Preparata**, • Cortex Cinnamomi. ...
<http://www.winghopfung.com/winghopfung/menformula.html>

13. ???(?)

... Oroxyli. 1196, ???, Cortex Albiziae. 1197, ???, Fructus Kochiae. 1198, ???, **Radix Aconiti Lateralis Preparata**. 1199, ??, ...
http://www.purapharm.com/NBF_Single.htm

14. WTO

... Dahuricae **Radix**, Stemonae **Radix**, **Aconiti Koreani Tuber**, Ginseng **Radix Alba**, Cynanchi Wilfordii **Radix**, Paxtoniae **Radix**, **Aconiti Lateralis Radix Preparata**, ...
http://www.sirim.my/resource/gat/wto5_01.html

15. The treatment of adrenal abnormalitis of AIDS patient

... 3. Effect of compound and minor prescription of heat-nature products **radix Aconiti lateralis preparata**, rhizoma Zingiberis and cortex Cinnamomi on the ...
<http://members.aol.com/HIVtcm/Adren-Abnormal.htm>

16. Forum on Special Topics (PDF)

... i **Radix Morindae Officinalis**, Yin Yang Huo (opq Herba Epimedii), Rou Cong Rong (if Herba Cistanchis), Zhi Fu Zi (v^Y **Radix Aconiti Lateralis Preparata**), ...
<http://www.primeherbs.com/engstore/pdf/p307top314.pdf>

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http://gb.itcmedu.com/dzbbj/diet/ypsp_zycq26.html

18. ?????----?????

... Pubescentis, 10. 28, ???, Dan Fu Pian, **Radix Aconiti Lateralis Preparata**, 6. 29, ??, Di Yu, Garden Burnet Root, **Radix Sanguisorbae**, 10. 30, ...
<http://www.e-fong.com/cpzs/indexml2.htm>

19. Farmacoterapia cinese

... e' composta da Acanitum carmichaeli **radix lateralis** ... Oro e composta da **radix Rehmanniae preparata** ... cortex Moutan radiceis, ramulus Cinnamomi, **radix Aconiti** ...
http://www.agopuntura.org/rivista/arretrati/giugno_1998/farmacoterapia_cinese.htm

20. ??

... 150. Clinical Application of Radix Aconiti Lateralis Preparata. ???Wang Zhengjun ...
http://www.jtcm.net.cn/mulu1999.htm

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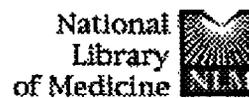
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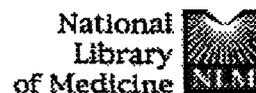
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4: Shao L, Zhou YP. Related Articles
 [Effect of a water-soluble fraction of radix Aconiti Lateralis Preparata on experimental arrhythmia]
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5: Zhou YP. Related Articles
 [Therapeutic effect of water-soluble fraction of radix Aconiti Lateralis Preparata on endotoxin shock in cats]
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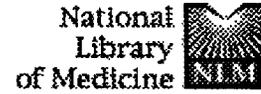
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In the study of analgesic action of Radix Aconiti Lateralis Preparata and Sini Decoction hot-plate method was used and the time-effect relationship was determined. The biological half-lives were 11.05 h and 6.84 h respectively. In the study of the effect on inflammation induced by egg white in the ankle joints of rats, the method of complement ED50 was used. The residual rates of the dosages after an interval of 6 hours were 0.60 and 0.69, and the biological half-lives were 8.11 h and 11.35 h respectively.

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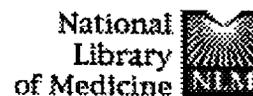
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| Chinese Name: | Fuzi |
| Latin Name: | Radix Aconiti Lateralis Preparata |
| Common Name: | Prepared Common Monkshood Daughter Root |
| Collection: | <p>Prepared Common Monkshood Daughter Root is the processed daughter root of <i>Aconitum carmichaeli</i> Debx. (Fam. Ranunculaceae). The drug is collected in late June to early August, removed from the parent root, rootlet and soil. It is known as "Ni Fuzi", which can be processed into the following commercial varieties:</p> <p>(1) Select the large and uniform Ni Fuzi, wash clean and soak over night in edible mother liquor of mineral salt preparation. Add salt, soak and take it out to sun-dry and air-dry every day Gradually prolong the time for dryness until a lot of salt is crystallized on the surface of the drug and its texture becomes hard. It is known as "Yan Fuzi".</p> <p>(2) Grade Ni Fuzi according to size, wash clean and soak in edible mother liquor of mineral salt preparation for several days. Boil in the infusion thoroughly. Take out, rinse in water, cut longitudinally into slices about 0.5 cm in thickness. Soak and rinse in water once again. Stain the slices dark brown and steam them until the slices turn to be oily and lustrous. Bake the slices to half-dryness, and then sun-dry or bake to complete dryness. It is known as "Hei Shunpian".</p> <p>(3) Select the Ni Fuzi of uniform size, wash clean and soak in edible mother liquor of mineral salt preparation for several days, Boil in the infusion thoroughly. Take out, peel the bark and cut longitudinally into slices about 0.3 cm in thickness. After soaking and rinsing in water, take out, steam thoroughly, sun-dry to half-dryness, fume with sulfur and sun dry completely. It is known as "Bai Fupian".</p> |
| Ingredients: | |
| Procedure: | |
| Description: | <p><i>Yan Fuzi (Salted Aconite Daughter Root)</i> Conical, 4-7 long, 3-5 cm in diameter. Externally greyish-black, covered with fine powder of salt, topped with depressed bud scars and encircled with tubercled short rootlets or rootlet scars. Texture heavy. Transversely cut surface greyish-brown, showing small clefts filled with fine powder of salt and a polyangular cambium ring, and vascular bundles arranged irregularly inside the ring. Odour, slight; taste, salty, numb and pungent.</p> <p><i>Hei Shunpian (Black Slice)</i> Longitudinal slices, the upper portion wide</p> |

| | |
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| | <p>and the lower portion narrow, 1.7-5 cm long, 0.9-3 cm wide, 0.2-0.5 cm thick. The outer bark blackish-brown, cut surface dark yellow, oily and lustrous, translucent and showing longitudinal vascular bundles. Texture hard and fragile. Fracture horny. Odour, slight, taste, weak.</p> <p><i>Bai Fupian (White Slice)</i> Without outer bark, yellowish-white, translucent, about 3 mm thick.</p> |
| Processing: | <p>Fupian "Hei Shunpain" and "Bai Fupian" are used directly.</p> <p>Dan Fupian Blanch "Yan Fuzi" with water, 2-3 times a day until all salt is rinsed out. Boil together with Radix Glycyrrhizae, black beans and water until the centre of the cut surface is devoid of white core and the cut slice is numbless to the tongue. Remove Radix Glycyrrhizae and black beans, cut the drug into slices, and dry. To each 100 kg of "Yan Fuzi", add 5 kg of Radix Glycyrrhizae and 10 kg of black beans.</p> <p><i>"Fupian" (Processed)</i> Scald "Fupian" with sand as described under the method for scalding (Appendix II D) until it is inflated and slightly discoloured.</p> |
| Function: | To cause restoration from collapse, to supplement body fire and reinforce yang, and to dispel wind, cold and damp. |
| Indications: | Collapse with cold limbs and faint pulse; impotence, frigidity; precordial and abdominal pain with cold sensation; vomiting and diarrhea or edema accompanied by aversion to cold and cold extremities; colds in patients with yang deficiency; chronic arthritis due to attack of cold and damp (marked by persistent severe joint pain, fixed in place and accompanied by heaviness sensation and numbness). |
| Usage and Dosage: | 3-15 g. |
| Storage: | Preserve "Yan Fuzi" in well closed containers, stored in a cool and dry place. Preserve "Hei Fupian" and "Bai Fupian" in a dry place, protected from moisture. |
| Precaution: | |
| Specification: | |

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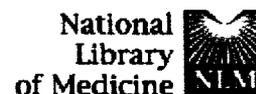
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