HISTORY

Derived from the bark of a tropical evergreen tree

BCE- Greeks and Romans offered it to their gods

HERBREW BIBLE- God commanded Moses to use it in the sacred anointing oil

INDIA- Used for respiratory pain, upset stomach and muscle spasms CHINA- Used for "warming" qualities, respiratory problems, muscle aches and to control blood sugar levels

USAGE

UNITED STATES & EUROPE- used in sweet dishes and as flavoring in beverages

SPAIN- adds to chocolate
MIDDLE EAST-used in stewing meats



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We hope you enjoyed the presentation!



Alternative Nutrition Therapy DFM 655 J. Frank



Natrition therapy: The selection and consumption of specific foods to obtain vitamins, minerals and other substances necessary for optimal health.

Alternative Therapy: The use of unconventional therapeutic systems used in place of or parallel to

conventional biomedicine

SCIENTIFIC RESEARCH

Study 1- Determine the effects of cinnamon on type 2 diabetes

-group 1: control

-group 2: cinnamon or extract

Results- Cinnamon intake, whole or extract, resulted in significantly lower fasting blood glucose

Study 2- Determine effects of cinnamon of glycemic control in type 1 diabetes

-group 1: control

-group 2: 1g cinnamon

-gathered A1C and totally daily

insulin for 90 days

Results- no effect on improving glycemic control for type 1 diabetics

Study 3- Determine effects of water soluble cinnamon extract on antioxidant status of people with impaired fasting blood glucose that are overweight and obese

-BMI 25-45

-group 1: control

-group 2: 250 mg aqueous cinnamon

extract for 2x day for 12 weeks

Results- reduced risk factors for diabetes and cardiovascular disease

More evidence needed

SCIENTIFIC RESEARCH

Study 4- Determine effects on systolic blood pressure and glucose and insulated related parameters in hypertensive rats

-group 1: sucrose diet + cinnamon

-group 2: non-sucrose diet + cinnamon

-Measured body weight, systolic blood pressure, hematology and blood chemistry for 3-4 weeks

Results- Cinnamon may have roles in glucose metabolism and blood pressure regulation More evidence needed

Study 5- Determine if other insulin related diseases are effected by cinnamon

-15 women with polycystic ovarian syndrome

-group 1: control

-group 2: cinnamon supplement for 8

weeks

Results- significant reductions in insulin resistance for group taking cinnamon



BONUS BENEFITS

- -Lowers fasting blood glucose levels in type 2 diabetics but not in type 1 diabetics
- -Used to help decrease the risk of diabetes and cardiovascular disease
- -May have an effect on blood pressure
- -May have an effect on other insulin related diseases

DOSAGES

- -No limit or regulations in food
- -Supplements depend on:
 - -Age
 - -Health
 - -Weight
- -Clinical trials for humans range from 250-1000 mg/day

SIDE EFFECTS

- -Not enough evidence to prove any side effects
- -Believed to be unsafe in large quantities for long periods of time
- -Believed to interact with antidiabetes drugs
- -Cinnamon (lowers blood sugar) + diabetes meds (lowers blood sugar) = Hypoglycemia
- -May interact with hepatoxic drugs
- -Cinnamon may contain coumarin which can worsen liver damage
 - -Advised to speak to a doctor if supplementing

For healthy, delicious cinnamon recipes visit:

http://www.epicurious.com/recipes/food/views/Low-Fat-Almond-Cinnamon-Biscotti-2255

http://www.eatingwell.com/recipes_menus/recipe_slideshows/cinnamon_recipes