

tex Powder, passed through a #30 screen and added back to the remainder of the blend. The mixed ingredients are then blended for one minute, blended with the intensifier bar for thirty seconds and tumble blended for an additional minute. Appropriate sized capsules are filled with 141 mg., 352.5 mg., or 705 mg. of the blend, respectively, for the 100 mg., 250 mg., and 500 mg. containing capsules.

Example 1b dl-Methionine 100 mg, 250 mg or 500 mg	
dl-Methionine	500 g
Lactose USP, Anhydrous q.s. or	200 g
Sterotex Powder HM	5 g

Mix and fill as per Example 1a.

EXAMPLE 2

TABLETS	
The Methionine Compound	250 g
Corn Starch NF	200 g
Cellulose, Microcrystalline	46 g
Sterotex Powder HM	4 g
Purified Water q.s.	300 ml

Combine the corn starch, the cellulose and the methionine compound together in a planetary mixer and mix for two minutes. Add the water to this combination and mix for one minute. The resulting mix is spread on trays and dried in a hot air oven at 50 degrees C. until a moisture level of 1 to 2 percent is obtained. The dried mix is then milled with a Fitzmill through a #RH2B screen at medium speed. The Sterotex Powder is added to a portion of the mix and passed through a #30 screen, and added back to the milled mixture and the total blended for five minutes by drum rolling. Compressed tablets of 100 mg., 500 mg., and 1000 mg. respectively, of the total mix are formed with appropriate sized punches for the 50 mg., 250 mg., or 500 mg. containing tablets.

EXAMPLE 3

SUPPOSITORIES			
Example 3a dl-Methionine 125 mg, 250 mg, or 500 mg per 3 G			
dl-Methionine	125 mg	250 mg	500 mg
Polyethylene Glycol 1540	1925 mg	1750 mg	1400 mg
Polyethylene Glycol 8000	825 mg	750 mg	600 mg

Melt the Polyethylene Glycol 1540 and the Polyethylene Glycol 8000 together at 60 degrees C. and dissolve dl-Methionine into the melt. Mold this total at 25 degrees C. into appropriate suppositories.

Example 3b dl-Methionine 125 mg, 250 mg, or 500 mg per 3 G			
dl-Methionine	125 mg	200 mg	500 mg
Polyethylene Glycol 1540	1925 mg	1750 mg	1400 mg
Polyethylene Glycol 8000	825 mg	750 mg	600 mg

Prepare as per Example 3a above.

EXAMPLE 4

Preparation of Intravenous Formulations

A solution of from 25 to 50 grams of dl-Methionine is prepared in 1 liter of water for injection at room temperature with stirring. The solution is sterile filtered into 500 5-ml vials, each of which contains 2 ml of solution containing 50 to 100 mg of compound, and sealed under nitrogen.

In addition, other desired active ingredients, such as those listed above for preferred tablet formulations, may be added in appropriate unit dosage amounts before the solution is sterile filtered.

Alternatively, after sterile filtration into vials, the water may be removed by lyophilization, and the vials then sealed aseptically, to provide a powder which is redissolved in the desired unit dosage concentration prior to injection.

In another preferred aspect, the method employs a ischemia therapeutic antiinflammatory composition in unit dosage form suitable for oral or intravenous administration comprising an antiinflammatory effective amount of at least one methionine compound as defined above, and at least one member from the groups (a) through (e); (a) at least one homocysteine affecting amino acid from the group of glycine and serine, in an amount sufficient to enable the systematic conversion, when consumed or administered, of homocysteine to cysteine, (b) at least one homocysteine affecting vitamin in an amount sufficient to enable the systemic conversion, when consumed or administered, of homocysteine to methionine or cysteine, selected from the group consisting of vitamins B12, B6, and folic acid where the total daily dosage range for each is: vitamin B12, 0.3 to 30 mcg; vitamin B6, 0.2 to 20 mg; folic acid, 40 to 4000 mcg, and combinations thereof; (c) at least one coagulation inhibitor in an anticoagulant effective amount, preferably selected from the group including aspirin (an antiinflammatory), diprydamole (a coronary vasodilator), sulfipyrazone (for its art-recognized uricosuric effect), and dextran (e.g. Dextran 40, a blood flow promoter or adjuvant) or other similar art-recognized substances for anticoagulation, coronary dilation, uricosuric or blood flow promoter effects, and combinations thereof; (d) at least one dietary antioxidant in a synergistically antioxidant effective amount selected from a group of dietary antioxidants including vitamins A,C,E, selenium, or zinc, where the total daily dosage range for each is: vitamin A, 500 to 50,000 IU; vitamin C, 1 to 1000 mg; vitamin E, 1 to 150 IU; selenium, 1 to 200 mcg; zinc, 1 to 150 mg; and combinations thereof; (e) an inactive excipient that provides insolubility in the stomach and solubility in the intestines or excipients that make the compounds suitable for systemic administration; and (f) combinations thereof. By using agents different in mechanism of action and agents having similar mechanisms of action, a synergistic antiinflammatory or anticoagulant effect can be expected.

Having thus described our invention, what we claim and desire by Letters Patent to secure are the following:

1. A method for inhibiting inflammatory ischemic, thrombotic and cholesterolemic disease response in a subject in need of such treatment, comprising administration to the subject in oral dosage form an antiinflammatory effective amount of at least one methionine compound selected from the group consisting of the