



## REFERENCES

- Angier, R.B., Boothe, J.H., Hutchings, B.L., Mowat, J.H., Semb, J., Stokstad, E.L.R., SubbaRow, Y., Waller, C.W., Cosulich, D.B., Fahrenbach, M.J., Hultquist, M.E., Kuh, E., Northey, E.H., Seeger, D.R., Sickels, J.P. and Smith Jr., J.M. 1945. Synthesis of a Compound Identical with the L. casei Factor Isolated from Liver. Science. 102:277.
- Areekul, S., Pinyawatana, W. and Charoenlarp, P. 1974. Serum Folate and Folic Acid Absorption in Patients with Plasmodium Falciparum Malaria. The Southeast Asian J. Trop. Med. Pub. Hlth. 5:353.
- Areekul, S., Pinyawatana, W. and Kitkornphan, S. 1975. Serum and Red Cell Folate Activity and Folic Acid Absorption in Patients with Hookworm Infection. The Southeast Asian J. Trop. Med. Pub. Hlth. 6:386.
- Babu, S. and Srikantia, S.G. 1976. Availability of Folates from Some Foods. Am. J. Clin. Nutr. 29:376.
- Blakley, R.L. 1969. The Biochemistry of Folic Acid and Related Pteridines. Amsterdam : North-Holland Publishing Company.
- British Pharmaceutical Codex (B.P.C.) 1973. Edited by the Council of Pharmaceutical Society of Great Britain.

Butterworth, C.E. 1968. The Availability of Food Folate.

Brit. J. Haemat. 14:339.

Chanarin, I. 1969. The Megaloblastic Anaemias. pp. 262-301

Oxford and Edinburgh : Blackwell Scientific Publication.

Chanarin, I., Rothman, D., Ward, A. and Perry, I. 1968.

Folate Status and Requirement in Pregnancy.

Brit. Med. J. 2:390.

Cheldelin, V.H., Woods, A.M. and William, R.J. 1943.

Losses of B. Vitamins due to Cooking of Foods.

J. Nutr. 26:477.

Colman, N., Barker, M., Green, R. and Metz, J. 1974.

Prevention of Folate Deficiency in Pregnancy by Food

Fortification. Am. J. Clin. Nutr. 27:339.

Cooper, B.A., Cantlie, G.S.D. and Brunton, L. 1970.

The Case for Folic Acid Supplements During Pregnancy.

Am. J. Clin. Nutr. 23:848.

Cooper, B.A. and Lowenstein, I. 1964. Relative Folate

Deficiency of Erythrocytes in Pernicious Anemia and

Its Correction with Cyanocobalamin. Blood. 24:933.

Corcino, J., Waxman, S. and Herbert, V. 1971. Uptake of

Tritiated Folates by Human Bone Marrow Cells in Vitro.

Brit. J. Haemat. 20:503.

- Davidson, S., Passmore, R., Brock, J.F. and Truswell, A.S.  
1975. Human Nutrition and Dietetics, 6<sup>th</sup> ed. pp. 1975-  
1979. Edinburgh, London : Churchill Livingstone.
- Dong, F.M. and Oace, S.M. 1975. Folate Concentration and  
Pattern in Bovine Milk. J. Agric. Food Chem. 23:534.
- Ghitis, J. 1966. The Labile Folate of Milk. Am. J. Clin.  
Nutr. 18:452.
- Girdwood, R.H. 1973. Blood Disorders due to Drugs and  
Other Agents. pp. 49-74. Amsterdam : Excerpta Medica.
- Grossowicz, N., Mandelbaum-Shavit, F., Davidoff, R. and  
Aronovitch, J. 1962. Microbiologic Determination of  
Folic Acid Derivatives in Blood. Blood. 20:609.
- Hardinge, M.G. and Crooks, H. 1961. Lesser Known Vitamins  
in Foods. J. Am. Diet. Ass. 38:240.
- Hepner, G.W., Booth, C.C., Cowan, J., Hoffbrand, A.V. and  
Mollin, D.L. 1968. Absorption of Crystalline Folic  
Acid in Man. Lancet. 2:302.
- Herbert, V. 1963. A Palatable Diet for Producing  
Experimental Folate Deficiency in Man. Am. J. Clin.  
Nutr. 12:17.
- Herbert, V. 1968<sup>a</sup>. Folic Acid Deficiency in Man. pp. 525-  
535. In R.S. Harris, I.G. Wool and J.A. Loraine (ed.),  
Vitamins and Hormones. Vol. 26. New York : Academic  
Press, Inc.

- Herbert, V. 1968<sup>b</sup>. Megaloblastic Anemia as a Problem in World Health. Am. J. Clin. Nutr. 21:1115.
- Herbert, V. 1968<sup>c</sup>. Nutritional Requirements for Vitamin B<sub>12</sub> and Folic Acid. Am. J. Clin. Nutr. 21:743.
- Herbert, V. 1970. Drugs Effective in Megaloblastic Anemias : Vitamin B<sub>12</sub> and Folic Acid. pp. 1414-1441. In L.S. Goodman and A. Gilman (ed.), The Pharmacological Basis of Therapeutics, 4<sup>th</sup> ed., New York : The Macmillan Co.
- Herbert, V. 1973<sup>a</sup>. Folic Acid and Vitamin B<sub>12</sub>. pp. 221-242. In R.S. Goodhart and M.E. Shils (ed.), Modern Nutrition in Health and Disease, 5<sup>th</sup> ed., Philadelphia : Lea and Febiger.
- Herbert, V. 1973<sup>b</sup>. The Five Possible Causes of All Nutrient Deficiency : Illustrated by Deficiencies of Vitamin B<sub>12</sub> and Folic Acid. Am. J. Clin. Nutr. 26:77.
- Herbert, V. and Zalusky, R. 1962. Interrelation of Vitamin B<sub>12</sub> and Folic Acid Metabolism : Folic Acid Clearance Studies. J. Clin. Invest. 41:1263.
- Hurdle, A.D.F. 1967. The Folate Content of a Hospital Diet. M.D. Thesis, University of London.
- Hurdle, A.D.F., Barton, D. and Searles, I.H. 1968. A Method for Measuring Folate in Food and Its

- Application to a Hospital Diet. Am. J. Clin. Nutr.  
21:1202.
- IUPAC-IUB. Commission on Biochemical Nomenclature 1966.  
Nomenclature and Symbols for Folic Acid and Related  
Compounds. J. Biol. Chem. 241:2991.
- Joint FAO/WHO Expert Group 1970. Requirements of Ascorbic  
Acid, Vitamin D, Vitamin B<sub>12</sub>, Folate and Iron.  
Wld. Hlth. Org. Techn. Rep. Ser. No. 452.
- Klipstein, F.A. 1968. Progress in Gastroenterology :  
Tropical Sprue. Gastroenterology. 54:275.
- Lowenstein, L., Cantlie, G.S.D., Ramos, O. and Brunton, L.  
1966. The Incidence and Prevention of Folate  
Deficiency in a Pregnant Clinic Population.  
Can. Med. Ass. J. 95:797.
- Metz, J., Zalusky, R. and Herbert, V. 1968. Folic Acid  
Binding by Serum and Milk. Am. J. Clin. Nutr.  
21:289.
- Mitchell, H.K., Snell, E.E. and Williams, R.J. 1941  
The Concentration of Folic Acid. J. Am. Chem. Soc.  
63:2284.
- Moscovitch, L.F. and Cooper, B.A. 1973. Folate Content of  
Diets in Pregnancy : Comparison of Diets Collected at  
Home and Diets Prepared from Dietary Records. Am. J.  
Clin. Nutr. 26:707.

- Perry, J. 1971. Folate Analogues in Normal Mixed Diets. Brit. J. Haemat. 21:435.
- Perry, J. and Chanarin, I. 1968. Absorption and Utilization of Polyglutamyl Forms of Folate in Man. Brit. Med. J. 4:546.
- Reynolds, E.H. 1967. Effects of Folic Acid on the Mental State and Fit-Frequency of Drug-Treated Epileptic Patients. Lancet. I:1086.
- Santini, R., Berger, F.M., Berdasco, G., Sheehy, T.W., Aviles, J. and Davila, I. 1962. Folic Acid Activity in Puerto Rican Foods. J. Am. Diet. Ass. 41:562.
- Schweigert, B.S., Pollard, A.E. and Elvehjem, C.A. 1964. The Folic Acid Content of Meats and the Relation of this Vitamin During Cooking. Archs. Biochem. Biophys. 10:107.
- Shojania, A.M., Hornandy, G. and Barnes, P.H. 1968. Oral Contraceptives and Serum Folate Level. Lancet. I:1376.
- Idem. 1969. Oral Contraceptives and Folate Metabolism. Lancet. I:886.
- Streiff, R.R. 1971. Folate Levels in Citrus and other Juices. Am. J. Clin. Nutr. 24:1390.
- Symposium on Sprue 1968. Malabsorption and Malnutrition in the Tropics. Am. J. Clin. Nutr. 21:933.

- Tamura, T., Shin, Y.S., Buehring, K.U. and Stokstad, E.L.R.  
1976. The Availability of Folates in Man : Effect of  
Orange Juice Supplement on Intestinal Conjugase.  
Brit. J. Haemat. 32:123.
- Tamura, T. and Stokstad, E.L.R. 1973. The Availability of  
Food Folate in Man. Brit. J. Haemat. 25:513.
- Toepfer, E.W., Zook, E.G., Orr, M.L. and Richardson, L.R.  
1951. Folic Acid Content of Foods. Agriculture  
Handbook No. 29, U.S. Dept. of Agric.
- Wills, L., Clutterbuck, P.W. and Evans, P.D.F. 1937.  
A New Factor in the Production and Cure of Macrocytic  
Anaemias and Its Relation to Other Haemopoietic  
Principles Curative in Pernicious Anaemia. Biochem. J.  
31:2136.

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