

REFERENCES

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- Abbasy, A.S. Ped, (1973):*
P.C.M. PP. 97-105, 2nd ed. by Dar-Al-Maaref, Cairo.
- Agbedana, E.O.; Johnson, A.O.; Oladunni and Taylor, G. (1979):*
Selective deficiency of hepatic triglyceride lipase and hypertriglyceridaemia in kwashiorkor.
Br. J. Nutr.
- Alleyne, G.A. and Scullerd, G.H. (1969):*
Kwashiorkor prognosis. Ind. Med. J. 15. PP. 150-154.
- Alleyne, G.A.O.; Flores, H.; Picou, O.I.M. and Waterlow, J.C. (1972):*
In : Nutrition and development. Myron winick, New York, London.
- Alleyne, G.A. Hay, R.W. Picou, D.I. Stanfield, J.P. and Whitehead, R.G. (1977):*
Protein energy malnutrition, London : Edward Arnold.
- Alleyne, G.A. Hay, R.W.; Picou, D.I. Stanfield, J.P. and Whitehead, R.G. (1978):*
Protein malnutrition. The English Language Book Society and Edward Arnold (London), 26.
- American Academy of Pediatrics (1992):*
Volume 90 number 1 Part 1 of 2.
- Arroyave, G.; Wilson, D.; Mendez, T.; Behar, M. and Scrimshaw, N.S. (1961):*
Am. J. Clin. Nutr. 9, 180.
- Awwad, S.; Essawy, M.; Awadalla, M. and Abdel Wahab, e. (1967):*
Gaz. Egypt. Paed. Ass., XV, 89.
- Awaad (1975):*
A field survey on child health in a rural community in Egypt. J. of Trop. M. and Hygiene.

Barbezat, G.O. and Hansen, J.D.L. (1968)

The exocrine pancreas and P.C.M. pediatrics, 42, 77.

Barnesseut, L.A. (1987):

Nutritional disorder. In Nelson, textbook of paediatrics. Edited by Nelson W.E. Saunders Company, Philadelphia, P. 138-139.

Barter, P.J. Hopkins, G.J. and Goriatschkol, A. (1985):

Lipoprotein substrates for plasma cholesterol esterification influence of particle size and composition of high density lipoprotein subfraction Atherosclerosis, 58: 97.

Becker, D.J. Pimstone, B.L. Hansen, J.D.L. Machutchon, Z. and Drysdale, A. (1972):

Patterns of insulin response to glucose in P.C.M.
Am. J. of Clinical Nut., 25, 499.

Behar, M. and Viteri, F.E. (1978):

Diseases of children in subtropics and tropics. Edited by Jelliffe, D.B. and Standfield, J. P. the English Language Book Society and Edward Arnold Ltd. London.

Behar, M. and Bill, D.R. (1987) :

Manson's Tropical diseases, 19th edition.

Beitins, I. Graham, G.K. Kwarshi, A. and Miglon, C. (1979):

Adr. Function in Malnut., J. Ped. 84, 444.

Bhattacharyya, A.K. and Richaudhuri, M.N. (1962):

Bull, Calcutta Sch. Trop. Med., 10 : 55.

Bradfield, R.B. and Jelliff, D.B. (1974):

Hair colour changes in kwashiorkor, Lancet, March, 16, 461.

Brewer, H.B.Jr.; Gregg, R. and Hoeg, J. (1990):

Apolipoproteins, lipoproteins, and atherosclerosis in Heart disease update Edited by Eugene Braunwald, P. 121-133.

- Bruce Hoyle, Yunus, M. and Lincoln, C. (1980):**
Breast feeding and food intake among children with acute diarrheal diseases.
Am. J. Clin. Nutr., 33 P. 2365-71.
- Charlotte, M.; Anderson and Valerie bunke (1975):**
Gastroenterological problems in children of developing countries
pediatric gastroenterology, 578-601.
- Clifford, W.L. and Walker (1983):**
Chronic protracted diarrhea in infancy, nutritional disease,
Paediatrics, Vol. 72, No. 6, P. 786-800.
- Coward, W.A. and Whitehead, R.G. (1972):**
Changes in Serum B-lipoprotein concentration during the development of kwashiorkor and during recovery.
Br. J. Nutr, 27: 383-94.
- Devics, Indira, K.; Chitra, D.R.; Devi, M.S. and Sagar, P. (1976):**
plasma lipids and lipoproteins in protein-caloric malnutrition.
Acta Paediatr scand. 65 : 161-6.
- Dhansay, M.A.; Benade, A.J.S. and Donald, P.R. (1991):**
Plasma lecithin-cholesterol acyltransferase activity and plasma lipoprotein composition and concentrations in kwashirkor.
Am. J. Clin. Nutr. 53.512-19.
- Dickerson, J.W.T (1983):**
Malnutrition and vitamin and mineral deficiencies and excesses.
Biochemistry in clinical practice by David L. Williams and Vincent marks). 113-122.
- Doie, V.P. (1958):**
In : Chemistry of lipids. P. 189. Spring Field, Illinois, Charles, C. Thomas.
- El-Baroudy, R. (1981):**
Forward to ped., P.C.M., P. 34, ed. by El-Nas. Modern Bookshop., Cairo.

El-Behairy, F.M.D. (1980):

Eissa, A.m.D.; El-Diwany, K.M.D.; Abdin, F.M.D.; Abdel Hafiz A. Ph. D. and el-Malky, D.oh. Gaz. Egypt. Ped. Ass., 28, 3, 4.

El-Behairy, Al-Bassousy and Al-Diwany (1986):

Manual of pediatrics, P.C.M. PP. 88.

El-Diwany, M. and Mokhtar, N. (1970):

Basic ped., P.C.M.; P. 175, ed. by El-Nasr Modern Shop, Cairo.

El-Mougi, M. and Osman, N.H. (1974):

Early detection of PEM. Gaz. Egypt. ped. Assoc., Vol.22, No. 4, P. 289-292.

Engel, F.L. and White, J.E. (1961):

Am. J. Clin. Nutr. 8 : 691.

Fayad, I.M. Chali, I.M.; Ghazi, C.H.; Shared El-Din, S. and Dabachi, S. (1980):

Gaz. Egypt. Paed. Assoc. 28, 225.

Felig, P.; John, D. and Baxter (1981):

Endocrinology and metabolism, P. 522.

Flores, H.; Pak, N.; Maccioni, A. and Monckeberg, F. (1970):

Lipid transport in kwashiorkor.

Br. J. Nutr., 24 : 1005-11.

Flores, H.; Seakins, A.; Brooke, O.G. and Waterlow, J.C. (1974):

Serum and liver triglycerides in malnourished jamaican children with fatty liver.

Am. J. Clin. Nutr. 27 : 610-4.

Gabr, M.; El-Hawary, M.F.S. and El-Dili, M. (1971):

Serum transferrin in Kwo.

J. Trop. Med. Hyg., 216

- Gabr, M.; Maraghi, S. and Wazier, A.M.M. (1979):**
Gaz. Egypt. Pead. Assoc., 27, 209, 217.
- Ganong, W.F. (1983):**
Review of medical physiology, 11th Ed. P. 241, Lange Medical Publishers, Los Altos, California.
- Gomez, F.; Ramos-Galvan, R.; Frenk, S.; Graviato, J.M.; Chavez, P. and Vasquez, J. (1956):**
J. Top. Paed., 2, 77.
- Gotto, A.M. (1983):**
High density lipoproteins : Biochemical and metabolic factors.
Am. J. of Cardiol., 52 (4).
- Graham, G.G. (1968):**
In calorie deficiencies and protein deficiencies, P. 310 (R.A.Mc Canle and E.M. Widdowson, Editors).
Edinburgh, and London, Churchill Livingstone.
- Grotte, G.; Meurling, S. and Wrettind, A. (1982):**
Parenteral nutrition, in : textbook of paediatric nutrition Edited by McLaren, D.S. and Burman, D. Second Edition, Churchill Livingstone, Edinburgh, London, Melbourne and New York, P. 228-258.
- Grune, A.; Stratton, N. and Zubiran, S. (1953):**
Vitamins & Hormones, 11 : 77.
- Haffenberg, R.; Black, E. and Brock, J.F. (1966):**
J. Clin. Invest. 45, 143.
- Hansen, J.D.L.; Buchanan, N. and Pettifor, J.M. (1982):**
P.E.M. : Signs, symptoms, pathology, diagnostic tests and treatment. In : Textbook of paediatric nutrition, Edited by McLaren, D.S. and Burman, D. Second Edition, Churchill Livingstone, Edinburgh, London, Melbourne and New York, P. 114-142.

Harpers (1992):

Textbook of biochemistry, lipid transport and storage 22ed
Appleton anan long, California.

Harry, D.S.; Day, R.C.; Owen, J.S.; Agorastos, J.; Foo, A.Y.; McIntyre, N. (1978):

Plasma lecithin : Cholesterol acyltransferase activity and the
lipoprotein abnormalities of liver disease.

Scand J. Clin. Lab. Invest. (Suppl.) 38 : 223-7

Havel, R.J. (1982):

Familial dysbetalipoproteinaemia.
Med. Clin. Nor. Am., 66 (2) : 319.

Holman, R.T.; Johnson, S.B.; Mercuni, O.; Harte, H.J.; Rodrigo, M.A. and Tomas, M.E. (1981):

Essential fatty acid deficiency in malnourished children.

The American Journal of Clinical Nutrition 34, 1534 : 1539.

Jelliffe, D.B. (1966):

Assessment of nutritional status of the community World Health
Organization, Monograph Series, No. 53., Geneva.

Jelliffe, D.B. (1969):

Assessment of nutritional status of the community WHO.
Monograph. Series, No. 53. Geneva : WHO.

Jelliffe, D.B. (1969):

Protein calori malnutrition in tropical preschool children : review of
recent knowledge.

Journal of Paediatrics, 54, 227.

Jelliffe, D.B. (1971):

Diseases of children in the subtropics and tropics, second Edition,
Edward Arnold, London, P. 161-184.

Jelliffe, D.B. and Stanfield, J.P. (1978):

Diseases of children in the subtropics and tropics, 3rd ed., Edward,
Arnold, Ltd. London.

- Joseph, A.E.A.; Dewbury, K.C. and McGuire, P.G. (1979):**
 Ultrasound in the detection of chronic liver disease.
 British J. of Radiol., 52 : 184-188.
- Khashaba and Shoeib (1988):**
 Essential pediatrics, protein calory malnutrition. 2nd ed. P : 135-145.
- Klahr, S. and Alleyne, G.A.O. (1973);**
 Kidney int., 3, 129.
- Lewis, B.; Hansen, J.D.L.; Wittmann, Krut, L.H. and Stewart, F. (1964):**
 Plasma free fatty acids in Kwo.
 Am. J. Clin. Nutr. 15, 161-168.
- Lopes-Virella M.F. (1977):**
 Clin. Chem. 23 : 882.
- Lurie, A.O. and Jackson, W.P.V. (1962):**
 Clin. Sci., 22 : 259.
- Mahfouz, M.H.; Aboul-Naga, M.M. and Helayl, M.A. (1988):**
 Essential pediatrics, 1st edition, P.C.M., PP. 32.
- Mata, L. (1985):**
 Quoted from : The state of the world children report unicef.
 Exford University Press : P. 37.
- Mayes, P.H. (1991):**
 Lipids of physiologic significance 134-145 Harpers biochemistry 22
 ed. Appleton ana lange, California.
- Mclaren, D.S. and Burman (1976):**
 Textbook of paed. Nut., 1st ed., p.C.M. PP. 85-380, Churcill
 Livingstones. Edinburgh. London and New York.

McLaren, D.S. and Burman, D. (1982):

PEM : Classification, pathogenesis, prevalence and prevention.
Textbook of Paediatric Nutrition, 2nd ed. Churchill Livingstone. P.
103-113, London.

McLaren, D.S.; Pollott, P.L. and Read, W.W.C. (1967):

A simple scoring system for classifying the severe forms of P.C.M.
of Early Child, Lancet, II, 533.

McLaren, C.W.; Lopez, R. and George, G. (1980):

Nutritional management of chronic diarrhea malnutrition.
J. of Ped. Vol. 97, No. 2. PP. 316-323.

Meiattini, F. (1978):

Clin. Chem. 24 : 1026.

Mohammed, A.H. Mahfouz, M.H. Abd El-Sattaar, B. and Megahed, A. (1989):

Hypothermia in PEM MSC in pediatrics, Faculty of Medicine,
Zagazig University.

Morley, D.C. (1973):

Paediatric priorities in the developing world,
Butterworth, London.

Morley, D.C. and Cutting, W. (1974):

Lancet, I. 712.

Mukherjee, K.L. (1967):

Classification of P.C.M.
Arch. Dis. of Chil., 42, 647.

Nelson, W.E. (1987):

Textbook of ped., 11th ed., PP. 211-215, W.B. Saunders,
Philadelphia, London, Toronto.

Nichols, B.; Alvarado, M.; Hazlewood, C. and Viteri, F. (1972):

Potass. and Malnut., J. Paed., 80, P. 319.

- Nilson, E.; Carfinkel, A.S. and Schotz, M. (1980):*
Lipolytic enzymes and plasma lipoproteins metabolism.
Ann. Rev. Biochem. 49: 668.
- Oladunni and Taylor, G. (1971):*
Serum triglycerides and fatty acids in kwashiorkor.
Am. J. Clin. Nutr. 24 : 1212-5.
- Oomen, H.A.P.C. (1953):*
Bull. W.H.O., 9, 371.
(quoted from Alleyne et al., 1977).
- Pena Chavavria, A.; Sanez herrara, C. and Cordero, Carvajal, E. (1948):*
Rev. Med., C. Rica, 170, Junio.
- Perrson, B.; Habte, D. and Sterky, G. (1976):*
Dietary effects plasma in the early recovery phase of kwashiorkor
levels of triglycerides, FFA, D-B-hydroxy butyrate, glycerol,
postheparin lipoprotein lipase (LPL), glucose and insulin, Acta
Paediatr Scand 65 : 329-36.
- Prabhu, K.M.; Kanagasabapathi, A.S.; Sekhara and Varma, T.N. (1973):*
Serum triglycerides and cholesterol in kwashiorkor.
Indian J. Biochem. Biophys; 10 : 34-6.
- Purves, L.R. and Hansen, J.D.L. (1962):*
Proc. Nutr. Soc. S. Afr., 3 : 24.
- Rao, K.S. and Prasad, P.S. (1966):*
Am. J. Clin. Nutr. 19, 205.
- Ramachaudran, M.; Venkatachalam, P.S. and Gopalan, C. (1961):*
Ind. J. Med., Res. 15 : 227.
- Redmond, A.O.B.; Kaschula, R.O.C.; Freasmann, C.; Hansen, J.D.L. (1971):*
The colon in kwo. Arch. of Dis. In child hood, 45, 470.

- Rosso, P.; Harmazable, Ble, J. and Winick, M. (1970):**
Am. J. Clin. Nutr., 23, 1275.
- Rudman, M.; Waterlow, J.C. and Pak, N. (1961):**
Endocrinology, 68 : 273.
- Sabesin, S.M.; Hawkins, H.L. and Bertram, P.D. (1978):**
Gastroenterology, 74 : 276.
- Sakr, R.; Samuel, S.; Fletta, D.H. and Abdel-Wahab, A.A. (1986):**
Clinical, Anthropometric and bio-chemical studies, on search of marginal malnutrition amongst Egyptian infants and young children, Gaz. Egypt. Paed. Assoc. 34. No. 164.
- Shafritz, D.A.; Yap, S.H. and Isselbacher, K.J. (1981):**
In : Principles of internal medicine. Harrison, T.R. (ed.) 9th Ed., P. 1445. McCraw-Hill Book Company.
- Shehata, A.H.; khalifa, K. and Abdel Hay, A. (1965):**
J. End. and Metab., 2 : 21.
- Sheilla, S. and James, D. (1993):**
Nutritional and metabolic liver diseases from diseases of the liver and Biliary system 9th ed. P. 408 : 413. Blackwell Scientific Publications.
- Shiner, M.; Redmond, A. and hansen, J. (1973):**
Jujenal structure in malnutriation, Exp. Mal. Path., 19. 61.
- Smythe, P.M. Suanepool, A. and Campbell, J.A.H. (1962):**
The heart in kwo. Br. Med. J., 1, 67.
- Stanfield, J.P.; Hutt, M.S.R. and tunnicliffe, R. (1985):**
Small intestinal structure and function in malnutrition. Lancet Sept. 11 : 519-23.
- Stein, O.; Bar-On, H. and Stein, Y. (1972):**
In Progress in liver disease. Popper, H. and Schaffner, F. (eds.) Vol. 4, P. 45. New York : Grune, & Straton.

- Taylor, G.O.; Agbedana, E.O. and Johnson, A.O.K. (1982):*
High-density-lipoprotein-cholesterol in protein-energy malnutrition.
Br. J. Nutr, 47, 489 : 94.
- Tietz, N.W.; Aldrich, J.; Bhagavan, N.V.; Coiner, D.; Conn, R.B.; Kowalczyk, R.S.; Lehmann, H.P.; Pruden, E.L. and Whitely, R.J. (1987):*
Fundamentals of clin. Chem. 3rd. ed. W.B. Saunders, Company, Philadelphia., London. Toronto. Ch. 14 : 469.
- Torwell, H.C.; Davis, J.N.P. and Dean, R.F.A. (1954):*
Kwashiorkor, Published by Edward Lth. Arnold. London PP. 80-100.
- Truswell, A.S. and Hansen, J.D.L. (1969):*
Fatty liver in protein calorie malnutrition. S. Afr. Med. J. 43 : 280-3.
- Truswell, A.S. (1975):*
In protein-calorie malnutrition, P. 119 [R.E.Oslon, editor] New York and London : Academic Press.
- Truswell, A.S. (1990):*
Carbohydrate and lipid metabolism in PEM; NESLE Nutrition Workshop, 19 : 17-18.
- Warnick, G.R. (1985):*
Apoprotiens.
Clin. Chem. News. 9 : 8.
- Waterlow, J.C.; Cravioto, J. and Stephen, J.M. (1960):*
Protein malnutrition in man.
Adv. Protein Chem. , 15 : 131.
- Waterlow, J.C. and Alleyne, G.A.O. (1971):*
Protein manutrition in children.
Adv. Prot. Chem. 25, 117.

Waterlow, J.C. (1975):

Amount and rate of disappearance of liver : in malnourished infants in Jamaica.

Am. J. Clin. Nutr. 28 : 1330-36

Wayburne, S. (1968):

Malnutrition in Johannesburg. In : Caloric deficiencies and protein deficiencies, ed. Mc. (ance, R.A. and Widdoson, E.; P. 7, London, J.A. Churchill.

Webber, B.L.; Freiman, I. (1974):

The liver in kwashiorkor.

Arch. Pathol. 98 : 400.

Wellcome Working Party (1971):

Classification of infantile malnutrition.

Lancet II: 302-3.

Weill, F.S. (1982):

Ultrasonography of digestive diseases. 2nd Ed. The C.V. Mosby company. St. Louis. Toronto, London. P. 67.

Whitby, L.G.; Percy-Robb, I.W. and Smith, A.F. (1985):

Lecture notes on clinical chemistry 3rd ed. P.G. publishing pt. Ltd. Singapore, Hong Kong, New Delhi, Ch. 12, PP. (242).

White head (1968):

Pro. Nutr. Soc. 28. I.

Woodruff, A.W. (1984):

Medicine in the tropics text book in the tropical disease edited by woodruff and wright, 2nd edition.

Yarbrought, C.; Habicht, J.P.; Martorell, R. and Klein, R.E. (1974):

Anthropometry as an index of nutritional status. In nutrition and malnutrition identification and measurement, ed., Roche, A.F. and Falkner, P. 16, New York, Plenum.

Young, D.S.(1975):

Pestoner, L.C. and Gibberman, V.Clin. Chem. 21, Na5.

Zilva, J.F. and Pannall, P.R. (1984):

Clin. Chem. in diagnosis and treatment.

4th. ed. LLOYD- Luke. (Medical Books) Ltd, London, Ch. X. 332.

Zollner, N. and Kirsch, K. (1962):

J. Ges. Exp. Med., 135 : 545.