

REFERENCES

- Ablad, B. "A Study of the mechanism of haemodynamic effects of hydralazine in man" Acta Pharmacologica et Toxicologica 20, suppl 1, (1963) : 7-53.
- Bein, H.J., Gross, F., Tripod, J. and Meier, R., "Experimentelle Untersuchungen uber die Kreislaufwirkung der blutdrucksenkenden Hydrazinophthalazin derivate Apresolin und Nepresol" Schweizerische Medizinische Wochenschrift 83, (1953) : 336-340.
- Bhatia, S.K. and Frohlich, E.D., "Hemodynamic comparison of agents useful in hypertensive emergencies" American Heart Journal 85, (1973) : 367-373.
- Brunner, H., Hedwall, P.R. and Meier, M., "Influence of an adrenergic  $\beta$ -receptor blocking agent on the effect of various hypertensive agents in the hypertensive rat" Experientia 21, (1965) : 231-232.
- Brunner, H., Hedwall, P.R. and Meier, M., "Influence of adrenergic beta-receptor blockade on the acute cardiovascular effect of hydralazine" British Journal of Pharmacology and Chemotherapy 30, (1967) : 123-133.
- Berne, R.M. and Levy, M.N. in Cardiovascular Physiology, 3<sup>rd</sup> ed., pp 155-189, . The C.V. Mosby Company, Saint Louis, 1977.

- Craver, B.N. and Yonkman, F.F., "Some Pharmacological properties of 1-hydrazinophthalazine, a hypotensive agent." Federation Proceedings 9, (1950) : 265-266.
- Druey, J. & Ringier, B.H., "Hydralazinderivate der Phtalazine - und Pyridazineihe" Helvetica chimica Acta 34, (1951): 195.
- Finnerty, F.A., Kakaviatos, N., Tunckman, J. and Magill, J., "Clinical evaluation of diazoxide : A new treatment for acute hypertension" Circulation 28, (1963) : 203-208.
- Freis, E.D., Mackay, J.C. and Oliver, W.F., "The effect of "sympatholytic" drugs on the cardiovascular response of epinephrine in man" Circulation 3, (1951) : 254.
- Freis, E.D., Rose, J.C., Higgins, T.F., Finnerty, F.A. Kelley, R.T. and Partenope, E.A., "The hemodynamic effects of hypotensive drugs in man IV. 1-hydrazinophthalazine" Circulation 8, (1953) : 199-204.
- Freis, E.D. "Hydralazine in hypertension" American Heart Journal 67, (1964) : 133.
- Gershwin, M.E. and Smith, N.T., "Mode of action of hydralazine on guinea pig atria" Arch. int. Pharmacodyn. 170 (1), (1967) : 108-116.
- Gross, F. in Drug acting on arteriolar smooth muscle (Vasodilator drugs). in "Antihypertensive agents." pp. 397-476. Ed. Gross, F. Springer-Verlag, Berlin, 1977.

- Hansson, L., Olander, R., Aberg, H., Malmcrona, R. and Westerlund, A.,  
"Treatment of hypertension with propranolol and hydralazine"  
Acta Medica Scandinavica 190, (1971) : 531-534.
- Hamilton, T.C., Hunt, A.A. and Poyser, R.H. "Involvement of Central  
 $\alpha_2$ -adrenoceptors in the mediation of clonidine induced  
hypotension in the cat." Journal of Pharmacy and Pharmacology 32,  
(1980) : 788-789.
- Hirpekar, S.M. and Lewis, J.J., "Pharmacological properties of hydralazine,  
dihydralazine and some related compounds" Journal of Pharmacy  
and Pharmacology 9, (1957) : 877-888.
- Hope, W., Majewski, H., Meculloch, M.W., Rand, M.J. and Story, D.F.  
"Modulation of sympathetic transmission by neuronally-released  
dopamine" British Journal of Pharmacology, 67, (1979) : 185-192.
- Hust, J.W. in The heart ; Arterial and vein, 4<sup>th</sup> ed. pp. 1366-1435  
McGraw-Hill, Inc., U.S.A., 1978.
- Judson, W.E., Hollander, W. and Wilkins, R.W., "The effects of  
intravenous apresoline (hydralazine) on cardiovascular and  
renal function in patients with and without congestive heart  
failure" Circulation 13, (1956) : 664-674.
- Katila, M. and Frick M.H., "Combined dihydralazine and propranolol in  
the treatment of hypertension" Int Z Klin Pharmakol ther  
Toxikol 4, (1970) : 111-114.
- Koch-weser, J. "Sympathetic activity in essential hypertension. New  
England Journal of Medicine 288, (1973) : 627-629.





- Koch-Weser, J. "Vasodilator drugs in the treatment of hypertension"  
Archives Internationales de Pharmacodynamie et de Therapie 133,  
(1974a) : 1017-1027.
- Koch-Weser, J. "Myocardial Inactivity of Therapeutic Concentrations of  
Hydralazine and Diazoxide" Experientia, 30, (1974) : 170-171.
- Koch-Weser, J. "Hydralazine" New England Journal of Medicine 295,  
(1976) : 320-323.
- Koch-Weser, J. "The comeback of hydralazine" American Heart Journal. 95,  
(1978) : 1-3.
- Linnet, O., Van Zwieten, P.A., and Hertting, G., Effect of  
hydrazinophthalazine on catecholamines in rats." European  
Journal of Pharmacology. 6, (1969) : 121-124.
- Moyer, J.H., Handley, C.A. & Huggins, R.A., "Some pharmacodynamic effects  
of 1-hydrazinophthalazine (C - 5968) with particular reference  
to renal function and cardiovascular response" Journal of  
Pharmacology 103, (1951) : 368-376.
- Moyer, J.H. "Hydralazine (apressoline) hydrochloride" Archives Internal  
Medicine 91 (1953) : 419-439.
- McIsaac, W.M. and Kanda, M., "The metabolism of 1-hydrazinophthalazine"  
Journal of Pharmacology and experimental Therapeutic 143, (1964) :  
7-13.
- Paoletti R. and Gotto, A.M. in Atherosclerosis Reviews Vol. I. pp. 1-22  
Ravan Press, New York, 1977.
- Perry, H.M., Jr. and Schroeder, H.A., "Studies on the control of  
hypertension" Circulation 13, (1956) : 528-536.

- Perry, H.M., Schroeder, H.A., and Morrow, J.D., "Studies on the Control of hypertension by Hyphex : IV, Levels of the agents in urine and blood" American Journal of the Medical Sciences 288, (1954) : 405-416.
- Pery, H.M., Jr., Tan, E.M., Carmody, S. and Sakamoto, A. "Relationship of acetyl transferase activity to antinuclear antibodies and toxic symptoms in hypertensive patients treated with hydralazine" Journal of Laboratory and clinical Medicine 76, (1970) : 114-125.
- Perry, H.M., "Late toxicity to hydralazine resembling systemic lupus erythematosus or rheumatoid arthritis" The American Journal of Medicine 54, (1973) : 58-72.
- Ross, J.Jr., and O'Rourke R.A., in understanding the heart & its diseases McGraw-Hill book company, San Diego, 1976.
- Rubin, A.A., Roth, F.E., Taylor, R.M. and Rosenkilde, H., "Pharmacology of diazoxide, an antihypertensive, non-diuretic benzothiadiazine" Journal of Pharmacology and Experimental Therapeutics 136, (1962) : 344-352.
- Ruce, P.A., Cozamanis, I. and Zacest, R., "Kinetics of hydralazine and its main metabolites is slow and fast acetylators." Clinical Pharmacology and therapeutics December, (1980) : 769-778.
- Ruce, P.A., "Hydralazine and related compounds : chemistry, metabolism, and mode of action." Medicinal Research Reviews 1 (1), (1981) : 73-96.

- Schulert, A.R. "Physiological disposition of hydralazine (1-hydrazinophthalazine) and a method for its determination in biological fluids" Arch. int. Pharmacodyn. 32, (1961) : 1-15.
- Sannerstedt, R., Stenberg, J., Johnsson, G. et al. "Hemodynamic interference of alprenolol with dihydralazine in normal and hypertensive man" The American Journal of Cardiology 28, (1971) : 316-320.
- Seller, E.M., and Koch-Weser, J., "Protein binding and vascular activity of diazoxide" New England Journal of Medicine 281, (1969) : 1141-1144.
- Scatton, B., Zivkovic, B. and Dedek, J., "Antidopaminergic properties of yohimbine" Journal of Pharmacology and Experimental Therapeutics 215(3), (1980) : 494-499.
- Schroeder, H.A. "The effect of 1-hydrazinophthalazine in Hypertension" Circulation, 5, (1952) : 28-37.
- Silber, E.N. and Katz, L.N. in Heart Disease pp 172-191, Macmillan Publishing Co., Inc., New York, 1975.
- Stein, D.H., and Hans Hecht, H. "Cardiovascular and renal responses to the combination of hexamethonium and 1-hydrazinophthalazine (Apresoline) in hypertensive subjects" Journal of Clinical Investigation 34, (1955) : 867-874.
- Stunkard, A., Wertheimer, L. and Redisch, W., "Studies on hydralazine : evidence for a peripheral site of action" Journal of Clinical Investigation 33, (1954) : 1047-1053.



- Songkittiguna, P. "Studies on hydralazine" A Ph. D Thesis, University of Melbourne, (1979).
- Songkittiguna, P., Majewski, H. and Rand, M.J., "Inhibition by hydralazine of the conversion of dopamine to noradrenaline in rat atria in vitro and in vivo" Clinical and Experimental Pharmacology & Physiology 7, (1980) : 509-514.
- Songkittiguna, P., and Rand, M.J., "The mechanisms of the inotropic and chronotropic actions of hydralazine on rat isolated atria". Archives Internationales de Pharmacodynamie et de therapie 255 (1982) : 269-280.
- Tripod, J. and Meier, R. "Determination et classification pharmacodynamique de l'action vasculaire peripherique de l'apresoline, du Nepresol et du Serpasil" Archives Internationales de Pharmacodynamic et de Therapie 99, (1954) : 104-125.
- Tripod, J. and Meier, R. "Charakterisierung des Pharmakodynamischen Wirkungsspektrums blutdrucksenkender Stoffe" Naunyn Schmiedebergs Archives für experimentelle Pathologic and Pharmacologie 232, (1958) : 470-480.
- Trounce, J.R. in Oxygen and carbondioxide clinical Pharmacology for nurses. ED. J.R. Trounce, pp. 352-356, Churchill, Livingstone, 1979.
- Wilkinson, E.L., Backman, H., and Hecht, H.H., "Cardiovascular and renal adjustments to hypotensive agent (1-hydrazinophthalazine : Clba BA-5968 : Apressoline)" Journal of Clinical Investigation 31, (1952) : 872-879.

Weiner, N. in Drugs that inhibit adrenergic nerves and block adrenergic receptors the Pharmacological Basis of Therapeutics. Ed. A.G. Gilman and L.S. Goodman, pp 176-210. Macmillan Publishing Co., Inc. New York, 1980.

Zacest, R. and Koch-Weser, J. "Relation of hydralazine plasma concentration to dosage and hypotensive action" Clinical Pharmacology and Therapeutics 13, (1972) : 420-425.

Zacest, R., Gilmore, E. and Koch-Weser, J. "Treatment of essential hypertension with combined vasodilatation and beta-adrenergic blockade" New England Journal of Medicine 286, (1972) : 617-622.

---





Biography

Name : Miss Giatibungon Jindagul.

Date of Birth : December 9, 1947.

Place of Birth : Ubolratchathani.

Institutions attended :

Sidthithumsartsilp School, Ubolratchathani.

1965 Certificate of Mathayomsuksa V.

Nursing School, Chantaburi.

1972 Diploma in Nursing, Midwifery and Public

Health Nursing.

Chiangmai University, Chiangmai.

1977 Bachelor of Science. (B. Sc. in Nursing).

---