

BIBLIOGRAPHY

BIBLIOGRAPHY

1. Alaily A. B. & Carrol K. B. (1978): Pulmonary ventilation in pregnancy. Br J Obstet Gynecol, 85; 518 – 524.
2. Artal R., Wiswell R., Greenspoon J. and Romen Y. (1986): Pulmonary response to exercise. In 'Exercise in pregnancy'. Williams and Wilkins, Baltimore. pg 149.
3. Baldwin G. R., Whelton J. A., Kenneth F., Mac Donnell. (1977): New lung functions and pregnancy. Am J Obstet Gynecol, 127; 235.
4. Bass B. H. (1959): Lung function tests – An introduction. H. K. Lewis & Co. Ltd. London. Pg 18.
5. Benjamin Landt (1936): Am Heart J, 12; 592.
6. Bernard J. L. G., Bernard S. P., Millen D. J. & Robin E. D. (1967): Pulmonary mechanics during pregnancy. J of Clin Invest, 46; 945.
7. Berne C. G. (1974): Medical disorders in obstetrics practice. 4th ed. Blackwell scientific Publications. Oxford – London. pg 114.
8. Bhargav S. & Benawri S. (1984): Longitudinal ventilatory function (static & dynamic) studies during different trimesters in pregnant women. Jr Obst Gynec of India, 36; 812 – 826.
9. Bhunia S., Bhattacharya N. and Fahim M. (1995): effect of acute hemodilution on right atrial type-B receptor activity in

anaesthetized cats. Indian J Physiol Pharmacol, 39 (3); 216 – 222.

10. Bonica J. J. (1974): Maternal physiological changes during pregnancy and anesthesia. In the Anesthesiologist, Mother and Newborn. (Sheinster S. M. and Moya F. ed.) Williams and Wilkins, Baltimore. pg 3 – 19.
11. Brodeur P., Mockus M., McCullough R. and Moore L. G. (1986): Progesterone receptors and ventilatory stimulation by progestin. J Appl Physiol, 60 (2); 590 – 595.
12. Burrow G. N. & Ferris T. F. (1975): Medical complications during pregnancy. W. B. Saunders Co., Philadelphia, 1st ed., Chapter 14; 549.
13. Burton G. G., Gee G. N. and Hodgkin J. E. (1977): Respiratory care – A guide to clinical practice. J. B. Lippincott Co. Philadelphia.
14. Butler J. & Bonica J. (1975): Respiratory functions in pregnant obese women. Am J Obstet Gynecol, 123; 241.
15. Cameron, Bain and Grant (1970): qb Hytten and Leitch (1971).
16. Chaudhuri S. K., Chattopadhyay R. N., Maitra S. K., Ray S. and Chaudhuri S. (1992): Effect of progesterone on some brain neurotransmitters in intact rats. Indian J Physiol Pharmacol, 36; 225 – 258.
17. Chaudhuri S. K., Das A., De K. C. and Ghosh M. (1994): Some hitherto unreported findings on the extragenital

- effects of progesterone in human females – A clinical study.
Indian J Physiol Pharmacol, 38 (3); 174 – 180.
18. Chaudhuri S. K., Gaine A. and Chaudhuri S. (1991):
Extragenital effect of exogenous and endogenous
progesterone: a study in patients and healthy women.
Indian J Pharmac, 23; 229 – 235.
19. Chhabra S., Nangia V. & Ingle K. N. (1988): Changes in
respiratory function test during pregnancy. Ind Jr Physiol
Pharmacol, 32 (1); 56 – 60.
20. Clapp J.F.III, Seaward B. L., Steamaker R.H. & Hiser J.
(1988): Maternal physiological adaptation to early human
pregnancy. Am J Obstet Gynecol, 159; 1456 – 1460.
21. Colette C., Barale F. and Piquard M. (1960): Societe
Nationale de gynecologie et d'obstetrique de France, Nancy
(15th June), pg 149.
22. Comroe J. H., Forster R. E., Dubois A. B., Briscoe W. A. &
Carlsen E. (1977): The lung – Clinical physiology &
pulmonary functions tests. 2nd ed. Yearbook Medical
Publishers. Inc. London.
23. Contreras G., Gutierrez M., Beroiza T., Fantin A. Oddo H.,
Villarroel L., Cruz E. & Lisoba C. (1991): Ventilatory drive
and respiratory muscle functioning in pregnancy. Am Rev
Respir Dis, 144; 837 – 841.

24. Cotes J. E. (1965): Lung function assessment and application in medicine. 3rd ed., Blackwell Scientific Publications, Oxford, pg 345.
25. Cugell D. W., Frank N. R., Gaensler E. A. & Badger T. L. (1953): Pulmonary functions in pregnancy I: Serial observations in normal women. Am Rev Tuber, 67; 568.
26. Cyril G. B. (1974): Medical disorder in obstetrics practice. Blackwell Scientific Publication, Oxford – London, Edinburgh, Melbourne, 4th ed., p 114.
27. Das T. K. & Jana H. (1991): Basal oxygen consumption during different phases of menstrual cycle. Ind J Med Res [B], 94; 16 – 19.
28. Das T. K. & Jana H. (1991): Maternal airways function during normal pregnancy. Ind Jr Med Sci, 45(10); 265.
29. Das T. K., Montquin J. M. and Parent J. G. (1991): Effect of cigarette smoking on maternal airway functions during pregnancy. Am J Obstet Gynecol, 165; 675 – 679.
30. Das T. K., Montquin J. M., Lindsay C., Parent J. G. and Fraser W. (1998): Effect of smoking cessation of maternal airway function and birth weight. Obstet & Gynecol, August 92 (2); 201 – 205.
31. Das T.K. (1998): Effects of menstrual cycle on timing & depth of breathing at rest. Indian J Physiol Pharmacol, 42 (4); 498 – 502.

32. Dasgupta S.: Pulmonary ventilation of Indian pregnant women. *Jr Obst & Gynec of India*; 1973, 23, 123 – 129.
33. Datta S., Bose S. and Gupta H. C. (35th APPI Conference): Respiratory flow rates during premenstrual syndrome. Abstract published in supplement of 35th Annual Conference of APPI.
34. De Swiet M. (1980a) & (1980b): The cardiovascular system. In *Clinical Physiology in Obstetrics*. Hytten F. E. and Chamberlain G. eds. Balckwell Scientific Publications. Oxford pg 3 – 42 and 79 - 100.
35. Doring G. K., Loescke H. H. & Ochwaldt B. (1950): Effect of sex hormones on respiration. *Arch Ges Physiol*, 252; 216.
36. Douglas G. W., Thomas L., Carr M., Cullen N. M. and Morris, R. (1959): Trophoblast in the circulating blood during pregnancy. Presented at 82nd Annual Meeting of the American Gynecological Society, Hot Spring, Va., May 21 – 23.
37. Duncun E. R. (1962): A textbook of obstetrics. W. B. Saunders Co. Philadelphia – London. 1st ed., chapter 8, p 175.
38. England S. J. and Farhi L. E. (1976): Fluctuations in alveolar CO₂ and base excess during the menstrual cycle. *Respir Physiol*, 22; 157 – 161.
39. Engstrom W. W. (1960): Thyroid function in pregnancy. *Postgrad Med*, 27; 180.

40. Feely J. (1979): The physiology of thyroid function in pregnancy. Post Grad Med Jr, 55; 336.
41. Fishman A. P (1980): Assessment of pulmonary functions. 1st ed., McGraw – Hill Book Company. New York. pgs – 119,153,218,220,222,224,253.
42. Ganeriwal S. K., Deshpande D. R., Reddy D. V. and Sheikh R. M. (1984): Effect of pregnancy on pulmonary ventilation. J Obstet Gynecol India, 36; 639 – 641.
43. Goodland R. L., Reynolds J. S. & Pommerenke W. T. (1954): Alveolar pCO₂ levels during pregnancy and early peripuerium. J Clin Endocrinol Metab, 14; 522.
44. Gupta S. K. (1972): Pulmonary function tests. J Indian Med Assoc, 59; 73 – 74.
45. Guyton and Hall (1999): Text Book of Medical Physiology. Ninth edition. Published by W. B. Saunders Company. Harcourt Publishers International Company, Harcourt, Asia PTE Ltd., Chapter 55, pg 708.
46. Hannhart B., Pickett C. K. & Moore L. G. (1990): Effect of estrogen and progesterone on carotid body neural output responsiveness to hypoxia J Appl Physiol, 68; 1909 – 1916.
47. Harris L. (1975): Clinical respiratory Physiology. Bristol John Wright & Sons Ltd. 1st ed., pg 1 – 5 and 40.
48. Hartikainen J., Ahonen E., Nevalainen T., Sikanen A. and Hakumaki M. (1990): hemodynamic information encoded in

- the baroreceptor discharge during haemorrhage. *Acta Physiol Scan*, 140; 181 – 189.
49. Hasselbalch K. A. and Gammeltoft S. A. (1915): Die Neutralitätsregulation des graviden Organismus. *Biochem*, 68; 206 – 264. Qb Keith et al. (1982).
50. Hosenpud, J. D., Hart, M. V., Morton, M. J., Hohimer, A. R. & Resko J. A. (1983): Progesterone induced hyperventilation in the guinea pig. *Respiration Physiology*, 52; 259 – 264.
51. Humphrey-Long J. (1955): The usefulness of serial vital capacity determinations in the management of the pregnant patient with heart disease. *Am Jr Obst Gynec*, 69; 715.
52. Hytten F. H. & Leitch I. (1971): The physiology of human pregnancy. Blackwell Scientific Publications. Oxford London, 2nd ed., pg 111.
53. Keith I. M., Bisgard G. E., Manohar M., Klein J. & Bullard V. A. (1982): Respiratory effects of pregnancy and progesterone in jersey cows. *Respiration Physiology*, 50; 351 – 358.
54. Knuttgen H. G. & Emerson K. Jr. (1974): Physiological response to pregnancy at rest and during exercise. *J of Applied Physiol*, 36 (5); 549 – 553.
55. Krunholtz R. A., Charles R. E. & Ross J.C. (1964): Pulmonary functions during pregnancy, pulmonary diffusion capacity, capillary blood volume, lung volume and

- mechanics of ventilation in early and late pregnancy. J Lab and Clin Med, 63; 648.
56. Leontic E. A. (1977): Symposium on pregnancy – Respiratory disease in pregnancy. The Medical Clinics of North America, Jan, p 111 - 117.
57. Luci Thi H. T, Bauieu E. E. and Milgrom E. (1975): Comparison of the characteristics of the hormonal control of endometrial and myometrial progesterone receptors. J Endocrinol, 66; 349 – 356.
58. Lucius H. H., Gahlenbeck H. O., Kleine H., Fatel N. H. and Bartels H. (1970); Respiratory functions, buffer system and electrolyte concentration of blood during human pregnancy. Respir Physiol, 9; 311 – 317.
59. Lyons H. A. & Antonio R. (1959): The sensitivity of respiratory center in pregnancy and after the administration of progesterone. (Introduced by Perrin H. Long, Brooklyn, New York.) Transactions Assoc Amer Physicians, 72; 173 – 180.
60. Mehta V. & Chakrabarty A. S.: Autonomic functions during different phases of menstrual cycle. Ind Jr Physiol Pharmacol; 1993, 37(1), 56 – 58.
61. Milne J. A. (1979): The respiratory response to pregnancy. Post Grad Med Jr. 55; 318 – 324.

62. Milne J. A., Mills R. J., Howie A. D. & Pack A. I. (1977): Large airway functions during normal pregnancy. Br J of Obstet Gynec, 84; 448 – 451.
63. Mokapatti R., Prasad E. C. and Vekataraman F. K. (1991): Ventilatory functions in pregnancy. Indian J Physiol Pharmacol, Oct 35 (4); 237 – 240.
64. Pandya M. R., Nishith S. D. & Bhatt R. V. (1972): Pulmonary functions in pregnancy. J Obstet Gynec India, 22; 1.
65. Pernoll M. I., Metcalfe J., Schlenker T. I., Welch J. F., & Matsumotz J. A. (1975): Oxygen consumption at rest and during exercise in pregnancy. Respir Physiol, 25; 285 – 295.
66. Plass E.D. & Oberst F. W. (1938): Respiration and pulmonary ventilation in normal nonpregnant, pregnant and puerperal women (with interpretation of acid base balance). Am J Obstet Gynec, 35; 441.
67. Prowse C.M. & Gaensler E.A.: Respiratory and acid-base changes during pregnancy. Anesthesiology; 1965, 26, 381.
68. Puranik B. M., Kaore S. B., Kurhade G. A., Agrawal S. D., Patwardhan S. A. and Kher J. R. (1994): A longitudinal study of pulmonary function tests during pregnancy. Indian J Physiol Pharmacol, 38 (2); 129 – 132.

69. Rajesh C. S., Gupta P. & Vaney N. (2000): Status of pulmonary function tests in adolescent females of Delhi. Indian J Physiol Pharmacol, 44 (4); 442 – 448.
70. Rao G. S., Rajan P. and Walter S. (1991): Expiratory flow rate changes during the menstrual cycle. Indian J Physiol Pharmacol, 35 (1); 74 – 76.
71. Rasheed B. M. A., Hussain K. and Hussain S. (2000): PEFR in relation to phases of pregnancy. Indian J Physiol Pharmacol, 44 (4); 511 – 512.
72. Ratan, V. (1993): Handbook of Human Physiology. Jaypee Brothers Medical Publishers. 7th edition, p 99 and 305.
73. Raz S., Zeigler M. & Caine M. (1973): Effect of progesterone on the adrenergic receptors of urethra. Br J Urol, 45; 131 – 135.
74. Rees G. B., Pipkin F. B., Symonds E. M. & Patrick J. M. (1990): A longitudinal study of respiratory changes in normal human pregnancy with cross-sectional data on subjects with pregnancy induced hypertension. Am J Obst Gynec, 162; 826 – 830.
75. Rubin A., Russo N. & Goucher D. (1956): The effect of pregnancy upon pulmonary function in normal women. Am J Obstet Gynecol, 72; 963 – 969.
76. Sahin G., Oruc T., Simse K. G. & Guner I. (1998): the effect of central and peripheral administration of acetyl choline

- and epinephrine on respiration. Indian J Physiol Pharmacol, 42 (1); 20 – 24.
77. Saxena S.C., Rao V.S.C. & Mudgal S.A.: Study of pulmonary function tests during pregnancy. Jr Obstet Gynec of India; 1979, 29, 993 – 995.
78. Schatz M., Zeiger R. O. and Hoffman C. P. (1990): Intrauterine growth retardation related to gestational pulmonary functions in pregnant asthmatic women – Kaiser Permanente Asthma and pregnancy study group. Chest, 98; 389 – 392.
79. Schoene, R. B., Pierson D. J., Robertson H. T., & Alan P. P. (1981): Respiratory drives and exercise in menstrual cycle of atheletic and nonatheletic women. The American Physiological Society, 1300 – 1305.
80. Shearman R. P. (1972): Human reproductive physiology. Blackwell Scientific publications. Oxford – London. 1st ed., pg 639.
81. Sheikh R. M., Deshpande D. R., Ganeriwal S.K. and Reddy B. V. (1983): Effect of pregnancy on vital capacity and forced expiratory volume in 1 sec. J Obstet Gynecol, 39; 495 – 499.
82. Shelat Chandramouli V.: Dissertation submitted to Gujarat University, Ahmedabad, 1969.
83. Singhal U. and Saxena K. (1987): Effect of anemia on respiratory and metabolic parameters during third trimester

of pregnancy. Indian J Physiol Pharmacol, 31 (2); 131 – 135.

84. Skatrud J. B., Dempsey J. A. and Kaiser D. G. (1978): ~~ventilatory response to medroxyprogesterone acetate in normal subjects: Time course and mechanism.~~ J Appl Physiol, 44; 939 – 944.
85. Slonim N. B. and Hamilton L. H. (1976): Respiratory Physiology. 3rd ed., C. V. Mosby Co., St Louis. pg 40 & 85.
86. Smiley R. M. & Finster M. (1996): Do receptors get pregnant too? Adrenergic receptor alteration in human pregnancy. J Maternal Fetal Med, 5; 106 – 114.
87. Spatling L., Fallenstein F., Huch A., Huch R. & Rooth G. (1992): The variability of cardiopulmonary adaptation to pregnancy at rest and during exercise. Br J Obstet Gynec, 99 (8); 1 – 40.
88. Tan K. S., Mcfarlane-L. C. & Lipworth B. J. (1995): β Adrenoreceptor regulation and AMP reactivity during the menstrual cycle in female asthmatics. Thorax, 50 (2); 60.
89. Thomas L. P. (1975): Pulmonary diagnostic techniques. Lea and Febiger, Philadelphia, 1st ed., p 1- 9, 22.
90. Thomson K. J. and Cohen M. E. (1938): Studies on circulation in pregnancy II – VC observation in normal pregnant women. Surg Gynecol Obstet, 66; 591.

91. Tolino A., de Conciliis and Montemagno U. (1985): Thyroid hormones in the human pregnancy. *Acta Obstet Gynecol Scand*, 64; 557 – 559.
92. Weinberger S. E., Weiss S. T., Cohen W. R., Weiss J. W. & Johnson T. S. (1980): Pregnancy and lung. *Am Rev Respir Dis*, 121; 559 – 581.
93. Widlund G. (1945): The cardiopulmonary functions during pregnancy. *Acta Obstet Gynec Scand*; 23 Suppl I. Qb .Pandya Nishith.
94. Yannone M. E., McCurdy J. E. & Goldfien A. (1968): Plasma progesterone level in normal pregnancy, labour and puerperium. *Am J Obstet Gynecol*, 101; 1058.
95. Zwillich C. W., Natalino M. R., Sutton F. D. and Weil I. V. (1978): Effect of progesterone on chemosensitivity in normal man. *J Labor Clin Med*, 92; 262 – 269.