

REFERENCES

References.

- 1- Adamkin , D.H. ; Gelke , K.N. ; and Welkerson , S.A. :
Influence of intravenous fat therapy on tracheal effluent phospholipids
and oxygenation in severe R.D.S.
J.pediatr. , 106 (1) : 122, 1985.

- 2- Adams , F.H. ; Desilets , D.T. ; and Towers , B. :
The flow of fetal lung fluid .
J. pediatr. , 69 : 963 , 1966.

- 3- Ahlstrom , G. ; Peters , G.N. , Halignims , C.G. and Owners , J.C. :
Continuous monitoring of mixed venous oxygen tensions in Cardio-respiratory
disorders .
Lancet , 1 : 632 - 4 , 1976 .

- 4- Ahumada , C.A. :
Continuous distending pressure .
Pediatrics , 9 : 163 , 1981.

- 5- Auten , R.L. ; Notter , R.H. ; and Kending , J.W. ; et al :
Surfactant treatment of full - term newborns with respiratory failure .
Pediatrics , 87 : 101 - 107 , 1991.

- 6- Avery , M.E. and Mead , J. :
Surface properties in relation to atelectasis and hyaline membrane disease.
Am.j. Dis. Child. , 97 : 517 - 523 , 1959.

- 7- Bancalari , E. :
Respiratory Physiology , oxygen therapy and monitoring report of a clinical
trial of constant monitoring .
Birth defects , 24 (1) : 41 - 52 , 1988.

- 8- Barkai , G. ; Mashiach , S. ; and Lanzer , D. ; et al :
Determination of fetal lung maturity from amniotic fluid micro-density in high
risk pregnancies .
Obst. Gynecol , 59 (5) : 615 - 23 , 1982.

- 9- Barnes , A.D. ; Biskinis , E. ; and Tupulur , I. ; et al :
Respiratory distress syndrome and presence of phosphatidylglycerol :
report for three cases .
Am. j. obstet. ; 148 (3) : 347 - 8 , 1984.

- 10- Bartlett , R.H. ; Andrews ; A.F. ; and Toomasian , J.M. ; et al :
Extracorporeal membrane oxygenation for newborn respiratory failure : 45
cases .
Surgery , 92 : 425 , 1982.

- 11- Bauman , W.A. :
The respiratory distress syndrome and its significance in premature infants ,
Pediatrics 24 , 1 , 1959.
- 12- Behrman , R.E. :
The fetus and the neonatal infant . In : Nelson textbook of pediatrics .
21 st ed. W.B. saunders company , philadelphia , London , Toronto ; P. 366 ,
1983.
- 13- Behrman , R.E. :
The fetus and the neonatal infant . In : Nelson textbook of pediatrics ,
12 th Ed. W.B. saunders Company , philadelphia , London , Toronto ;
P. 421 , 1992.
- 14- Bell , E.F. ; Warburton , D. ; and Stonenstreet , B.S. :
Effect of fluid administration on the development of symptomatic PDA and
congestive heart failure in premature infants .
N. Eng. J. Med. , 302 :598 , 1980.
- 15- Benzer , H. :
The value of intermittent mandatory ventilation .
Intensive care Medicine , 13 : 267 , 1982.
- 16- Bergman , B. :
Beta-mimetic and preterm neonatal lungs. An experimental and clinical
study .
Acta physiol. Scand. Suppl. , 497 , 1981.
- 17- Berman , S.A. ; Duenas , L.M.; and Bedoya , A.E. :
Acute lower respiratory tract illness in infants .
Pediatrics , 71 : 210 , 1982.
- 18- Bertrand , J.M. :
The long-term pulmonary sequelae of prematurity : the role of
familial airway hyper-reactivity and the respiratory distress syndrome .
N. Engl. J. Med. , 312 : 742 , 1985.
- 19- Bevilacqua , G. :
Management of preterm infants receiving surfactant supplementation .
Eur. respir. j. , 2 (3) : 87 - 90 , 1989.
- 20- Bhat , D.R. ; Vidyasager , D.A.; and Asonyme , U.O. :
Continuous tissue monitoring in critically ill neonates .
J. perdiatr. , 97 : 445 , 1980.
- 21- Bhutani , V.K. ; Sivieri , E.M. ; and Abbasi , S. ; et al :
Evaluatin of neonatal pulmonary mechanics and energetics : a two - factor
least mean squares analysis .
Pediatri . Pulmomol , 4 : 150 - 8 , 1988.

- 22- Bor , M. ; Ma, E.J. ; and Walther , F.J. :
Clinical and laboratory observations . Cerebral blood flow velocity after
surfactant instillation in preterm infants .
The j. of pediat. , 120 (2 : 2) : 285 - 287 , 1991.
- 23- Bose , C. ; Corbet , A. ; and Bose , G. ; et al :
Improved outcome at 28 days of age for very low birth weight infants treated
with a single dose of a synthetic surfactant .
The j. of pediat. , 117 (6) : 947 - 953 , 1990.
- 24- Bose , C. ; Corbet A. and Bose , G. ; et al :
Results of laboratory surveillance of very low birth infants treated with a
synthetic surfactant .
The j. of pediat. , 120 (2 : 2) : S 13 - S 17 , 1992.
- 25- Boss , A.P. ; Tibboel , D. ; and Hazebroek , F.W. ; et al :
Surfactant replacement therapy in high-risk congenital diaphragmatic her-
nia.
Lancet , 338 : 1279 , 1991.
- 26- Boynton , B.R. :
The epidemiology of bronchopulmonary dysplasia . In : Merritt , T.A. ,
Northway , W.H. ; and Boynton , B.R. (eds.) Bronchopulmonary dysplasia 4
, contemporary issues in fetal and neonatal medicine . Blackwell scientific ,
Boston , ch. 2 , 1988.
- 27- Brune , P.D. ; and Shields ,J.V. :
The pathogenesis and relationship of the hyaline like pulmonary membrane
in premature neonatal mortality .
Am. j. obstet. gynecol. , 51 : 953 , 1951.
- 28- Cassady , G. ; Crouse , D.T. ; and Kirklin , J.W. ; et al :
A randomized , Controlled trial of very early prophylactic ligation of
the ductus arteriosus in babies who weighed 1000 gm or less at birth .
N. Engl. j. med. , 320 : 1511 - 1516 , 1989.
- 29- Chapman , F.W. :
Patient - ventilator practitioning of the work or breathing during weaning .
Ann. Biomed. eng. , 17 (3) : 279 - 87 , 1989.
- 30- Charon , A. ; Taeusch , H.W. ; and Fitzgibbon , C. ; et al :
Factors associated with surfactant treatment response in infants with severe
respiratory distress syndrome .
Pediatrics , 83 : 348 - 354 , 1989.
- 31- Clements ,J.A. ; Platzker , A.C.G. ; and Tiorey , D.F.; et al :
Assessment of the risk of the respiratory distress syndrome dy a rapid test for
surfactant in amniotic fluid .
N. Engl. j. med. , 286 : 1077 , 1972.

- 32- Clyman , R.L ; Jobe , A. ; and Heymann , M. ;et al :
Increased shunt through the patent ductus arteriosus after surfactant replacement therapy .
J. pediat. , 100 : 101 - 107 , 1982.
- 33- Corbet , A. :
Hyaline membrane disease . In : Respiratory disorders in the newborn . Disorders of the respiratory tract in children . Chernick,V. 5th ed. , W.B. Saunders company.Philadelphia, London , Toronto , p. 274 - 280 , 1990.
- 34- Corbet , A. ; Bucciarelli , R. ; and Goldman , S. :
Decreased mortality rate among small premature infants treated at birth with a single dose of synthetic surfactant : A multi-center controlled trial. The j. of pediatrics , 118 (2) : 277 - 284 , 1991.
- 35- Comroe , J.H. :
Physiology of respiration In : Comroe,J.H. Jr. Foster , R.E. ; Briscoe , A.B. ; Carlsen , W.A. (eds.). The lung : clinical physiology and pulmonary Function tests 2nd ed. year book , Medical publishers , Chicago , 1962.
- 36- Cooke , R.W.L. :
Developments in the management of respiratory distress syndrome . In recent advances in paediatrics , edited by David T.J. , P. 157 - 169 , Churchill Livingstone , 1991.
- 37- Cooney , T.P. ; and Thurlbeck , W.M. :
The radial alveolar count method of Emery and Mithal ; A re-appraisal -1- Postnatal lung growth . Thorax , 37 : 572 - 9 , 1982.
- 38- Corcoran , D. ; and Halliday , H.L. :
Surfactant replacement for the prevention and treatment of respiratory distress syndrome . Post-gr. d. Middle east , 15 (10) : 315 - 321 , 1992.
- 39- Cotton , R.B. :
Contribution of the patent ductus arteriosus to lung injury. In : Merritt , T.A.;Northway,W.H.; and Boynton,B.R.(eds.) Bronchopulmonary dysplasia . 4,contemporary Issues in Fetal and Neonatal medicine . Blackwell scientific , Boston , ch. 13 , 1988.
- 40- Couster , R.J. ; Ferrara , T.B. ; and Ebert , J. ; et al :
Effects of exogenous surfactant therapy on dynamic compliance during mechanical breathing in preterm infants with hyaline membrane disease. J. pediatr. , 116 : 119 - 24 , 1990.
- 41- Crapo , J.D. ; Barry , B.E. ; Gehr , P.B. ;et al :
Cell number and Cell characteristics of the normal human lung . Am. Rev. Respir. Dis. , 125 : 740 - 5 , 1982.

- 42- Crowley , P. ; Chalmers , I. ; and Keirse , M. J. N. C. :
The effects of corticosteroid administration before preterm delivery:an
overview of the evidence from controlled trials.
Br. j. obstet. gynecol. , 97 : 11 - 25 , 1990.
- 43- Cummings, J.J. ; D ' Eugenio, D. B. ;and gross , S. J. :
A controlled trial of dexamethazone in preterm infants at high risk for
broncho-pulmonary dysplasia.
N. Engl. j. med. , 320 : 1505 - 1515, 1989.
- 44- Cunningham , M.D. :
Intensive care monitoring of pulmonary mechanics for preterm infants
undergoing mechanical ventilation.
J. perinatol . , (1) : 56 - 9 , 1989.
- 45-Cunningham, M . D . ; Mckean , H . E . ; and Cillispie , D . H . , et al :
Improved prediction of fetal lung maturity in diabetic pregnancies , a
comparison of chromatographic methods.
Am . j . obstet . gynecol . , 142 (2) : 197 -204 , 1982.
- 46 Curet, L . B . :
Effect of mode of delivery on incidence of R.D.S.
Int. j. gynecol. obstet . , 27 (2) : 165 - 70 , 1988.
- 47- Curet, L. B. ; Vijaya Rao , A. ; and Zachman , R.D. ; et al :
Association between ruptured membranes, tocolytic therapy, and R.D.S.
Am. j. obstet. gynecol. , 148 (3) : 263 - 8 , 1984.
- 48- Davidson, H.C. :
Oxygen and associated gases. In textbook of Anaesthesia. Davidson, H.C.
(ed.) : LLOYD. Luke (Medical books) LTD. p. 125 -141, 1991.
- 49-Dawes , G.S. :
Revolutions and cyclic rhythms in prenatal life ; fetal respiratory movements
rediscovered.
Pediatrics , 51 : 965 , 1973.
- 50-Dehan, M. :
Exogenous surfactants.
Arch. Fr. pediatri. , 46 (2) : 85 - 7, 1989.
- 51-Delivoria , P.M. ; Roncevic , N.P.; and Oski , F.A. :
Postnatal changes in oxygen transport of term, preterm and sick infants .
Ped . Res. , 5 : 235, 1971.
- 52- Dennis, J. :
Acid - base status at birth and neurodevelopmental outcome at four and one-
half years.
Am. j. obstet. Gynecol , 161 (1) : 213 - 20 , 1989 .

- 53- Di Renzo , G.C. :
Requirements of perinatal prevention and treatment of R.D.S.
Eur. respir . j., 2 (3) : 68 - 72 , 1989.
- 54- Donald, I.; and Steiner , R.E. :
Radiography in the diagnosis of hyaline membrane disease.
Lancet , 2 : 846 , 1953.
- 55- Dreizzen , E. :
Passive total respiratory system compliance and gas exchange in newborns with H.M.D.
Pediatr. pulmonol., 6 (1) : 2-7 , 1989 .
- 56- Dunn , M.S. ; Shennan , A.T. ; and Possmayer , F. :
Single-versus-multiple dose surfactant replacement therapy in neonates of 30 to 36 weeks ' gestation with R.D.S.
Pediatrics , 86 (4) : 564-571 , 1990.
- 57- Dunn, M.S. ; Shennan , A.T. ; and Zayack , D. :
Bovine surfactant replacement therapy in neonates of less than 30 weeks ' gestation : A randomized controlled trial of prophylaxis versus treatment .
Pediatr. , 87(3) : 377-86 , 1991.
- 58- Durand , D. J. ; Goodman , A. ; and Ray , P. ; et al :
Theophylline treatment in the extubation of infants weighing less than 1250 gm : a controlled trial .
Pediatrics , 80 : 684-688, 1987.
- 59- Enhorning , G. :
Hyaline membrane disease and artificial surfactant from recent advances in Perinatal medicine by Chiswick, M. : 191 , 1983.
- 60- Erenberg , A . ; and Nowak , A. J. :
Palatal groove formation in neonates and infants with orotracheal tubes.
Am. j. dis . child . , 138 : 974 , 1984.
- 61- Evans, H. E. ; Levi, M. ; and Mandl , L :
Serum enzyme inhibitor concentrations in the respiratory distress syndrome.
Am. Rev. Respiratory Dis., 101 , 359-63, 1970.
- 62- Faix , R. G. :
Mechanical ventilation.
Pediatr . infect . dis. j. , 8 (5) : 330 - 2 , 1989 .
- 63- Fan , L. L. ; Dellingen , K.T.; and Mills , A. L. :
Potential errors in neonatal blood gas measurements.
J. Pediatrics , 97 : 650 , 1980.

- 64- Fanaroff, A.A.; and Martin, R.J. :
The respiratory system, Neonatal-Perinatal, Diseases of fetus and infant , 14th ed. , The C.V. Mosby Company, 588-603, 1987.
- 65- Farber , S.; and Sweet , I. K. :
Amniotic sac contents in the lungs of infants.
Am. j. dis. child. , 92 : 1972 , 1931.
- 66- Farber , S.; and Wilson , J. L. :
The hyaline membrane in the lungs. 1. A descriptive study.
Arch . Path ., 14 : 437 , 1932.
- 67- Farrell, P.M. :
Long-term mechanical ventilation in pediatric respiratory failure: medical and ethical considerations.
Am. Rev. Respir. Dis. , 140 (2) : 36-40, 1989.
- 68- Fedrick , J. ; and Butler , N.R. :
Certain causes of neonatal death. I. hyaline membranes.
Biol. Neonate , 15 : 229 , 1970.
- 69- Field , D. :
Inspiratory- to -expiratory ratio during ventilations for idiopathic R.D.S.
Pediatr. Pulmonol. , 7 (1) : 2 -7 , 1989.
- 70- Flomenbaum , L.A. :
Introduction of acid - base and electrolyte balance.
British Medical Journal , 6 : 314 , 1984.
- 71- Forfar , J. O. :
Respiratory failure. In : Text book of Pediatrics . Forfar , J. O. and Arneil , G. C. (eds). Churchill Livingstone , p. 569 , 1984 .
- 72- Frierer , J. A. ; Mandl , I. ; and Evans , H. E. :
A₁ -- AT in the lungs of infants with R.D.S.
J. pediat. , 85 : 698 - 701 , 1974.
- 73- Froese, A.B. ; and Bryan , A.C. :
High frequency ventilation.
Am. Rev. Respir. Dis. , 135 : 1363 -1374 , 1987.
- 74- Fujiwara , T. ; Konishi , M. ; and chida , S. ; et al :
Surfactant replacement therapy with a single post-ventilatory dose of a re - constituted bovine surfactant in preterm neonates with R.D.S.
Pediatr. , 86 (5) : 753 - 764 1990 .
- 75- Fujiwara , T. ; Maeta, H. ; and chida, S.; et al :
Artificial surfactant therapy in H.M.D.
Lancet , 12 (1) : 55 , 1980 .

- 76- Fujiwara , T. ; Tanka , Y. ; and Takei , T. :
Surface properties of artificial surfactant in comparison with natural and synthetic surfactant lipids.
IRCS Medical Science , 7 : 311 , 1979.
- 77- Gail, D. B. ; and Lenfant , C. J, M. :
Cells of the lung : biology and clinical implications.
Am. Rev. Respir. Dis. , 127 : 366 - 87 , 1983.
- 78- Gaylord , M. S. ; Quissell, B. H. ; and Lair , M. E. :
High frequency ventilation in the treatment of infants weighing less than 1500 gm with pulmonary interstitial emphysema.
Pediatrics , 79 : 915 - 921 , 1987 .
- 79- Gibetz , L ; Frank , N. R.; and Avery , M. E. :
Static volume - pressure relations of excised lungs of infants with hyaline membrane disease, newborn and stillborn infants.
J. clin. investig . , 38 : 2168 , 1959 .
- 80- Gioia , F.R. ; Stephenson , R.L. ; and Alterwitz , S.A. :
Principles of respiratory support and mechanical ventilation, Textbook of pediatric intensive care, vol. 1 , edited by Rogers , M.C. ; Williams&Wilkins, 156 - 169 , 1987.
- 81- Gluck , L. ; Kulovich, M.V. ; and Borer , R.C.Jr. ; et al :
Diagnosis of the respiratory distress syndrome by amniocentesis .
Am. j. obstet. gynecol., 109 : 440 - 445 , 1971.
- 82- Godfrey , S. :
On pulmonary functions in survivors of neonatal respiratory distress .
Pediatr. pulmonol . , 5 (1) : 60 -1 , 1988.
- 83- Golde , S.H. ; and Platt , L.D. :
The use of ultrasound in the diagnosis of fetal lung maturity.
Clin. Obstet . Gynecol . , 27 (2) : 391 - 401 , 1984.
- 84- Goldsmith, L.S. ; Greenspan , J. S. ; and Rubenstein , S.D. ; et al :
Immediate improvement in lung volume after exogenous surfactant : Alveolar recruitment versus increased distention.
The J. of Pediatr . , 119 (3) : 424 - 428 , 1991.
- 85- Goodlin , R.C. :
Oxytocin may explain neonatal seizures.
American j. of obstet. and gynecol . , 161 (1) : 259 , 1989.
- 86- Gottschalk , S. ; King, B.; and Schuth , C. :
Basic concepts in positive - pressure ventilation of the newborn.
Perinatology-Neonatology , 4 : 15 , 1980.

- 87- Gray , O.P. ; and Campbell , A.G.M. :
The newborn. In: Text book of pediatr., Ed. by Forfar , J.O. and Arneil , G.C. 3rd ed. Churchill Livingstone , Edinburgh , London , Melbourne and New York, P. 1333, 1984.
- 88- Grannum , P.A.T. ; Berkowitz , R.L. ; and Hobbins , J.C. :
The ultrasonic Changes in the maturing placenta and their relation to fetal pulmonic maturity .
Am. j. obstet. gynecol. , 113 : 915 - 922, 1979.
- 89- Greaves , I.A.; Hildebrandt , J. ; and Hoppin , F.G. :
Micromechanics of the lung. In : fishman , A.P. ;Macklem , P.T. ; Mead, J. ; and geiger, S.R.,eds. Handbook of physiology : the respiratory system. Bethesda : American physiological society , 217-31, 1986.
- 90- Greenough , A. :
The premature infant's respiratory response to mechanical ventilation .
Early Hum. Dev. , 17 (1) : 1 - 5 , 1988.
- 91- Greenough , A. ; Elias-Jones , A. ; and Pool , J. ; et al :
The therapeutic actions of thiophylline in preterm ventilated infants .
Early Hum. Dev. , 12 : 15 - 22 , 1985.
- 92- Greenough , A. ; and Robertson , N.R.C. :
Morbidity and survival in neonates ventilated for R.D.S.
Br. Med. J. , 290:597 - 600 , 1985.
- 93- Greenough, A. ; Wood, S. ; and Morley , C.J. ; et al :
Pancuronium prevents pneumothoraces in ventilated premature babies who actively expire against positive pressure ventilation.
Lancet , i : 1 - 4 , 1984.
- 94- Gregory , G. A. ; Killerman , J. A.; and Phillips , R. H. :
Treatment of idiopathic respiratory distress syndrome with continuous positive pressure.
New England journal of Medicine , 284 : 1333 , 1971 .
- 95- Gross , I. :
Respiratory distress syndrome. In disease of the newborn. Principles and practice of pediatrics. Editor-in-chief : Oski, F.A. J. B. Lippincott company, Philadelphia, p. 333 - 337 , 1990.
- 96- Gruenwald, P. :
Pathology of respiratory distress syndrome .
Arch. Pathol. , 80 : 30 , 1965.

- 97- Hagedorn, M. I. ; Gardner , S. L. ; and Abman , S. H. :
Respiratory diseases. In handbook of neonatal intensive care , 2nd ed. , The C.V. Mosby company st. louis, Missouri , USA. Jaypee brothers, New Delhi , India , P. 385 , 1990.
- 98- Halliday, H.L. :
Acute effects of instillation of surfactant in severe R.D.S.
Arch. Dis.child. , 64(1) : 13 - 6, 1989.
- 99- Hallman , M.; Merritt , T. A. ; and Jarvenpaa , A. L. ; et al :
Exogenous human surfactant for treatment of severe respiratory distress syndrome : a randomized prospective clinical trial.
J. pediatr . , 106 : 963 – 969 , 1985.
- 100- Hallman , M. ; Merritt , T.L. ; and Schneider , H. ; et al :
Isolation of human surfactant from amniotic fluid and a pilot study of its efficacy in respiratory distress syndrome .
Pediatrics , 71 : 473 , 1983.
- 101- Hallman , M. ; Merritt , A. ; and Jarvenpaa , A.L. ; et al :
Exogenous human surfactant for treatment of severe respiratory distress syndrome . A randomized prospective clinical trial .
J. pediatr. , 106 : 963 - 69 , 1985 .
- 102- Hallman , M. ; Schneider , H.A.; and Gluck , L. :
Human fetus , a potential surfactant donor : Isolation of lung surfactant from amniotic fluid .
Pediatr . Res. , 15 : 663 , 1981.
- 103- Hansen , T. ; and Corbet , A. :
Hyaline membrane disease . In : Disorders of the transition . Diseases of the newborn . 6th ed. W.B. Saunders company . philadelphia , London , Toronto P. 498 - 504 , 1991.
- 104- Hayes , B. :
Ventilation and ventilators .
J. med. eng. technol. , 12 (5) : 197 - 218 , 1988.
- 105- Hertford , J.A. :
Metabolic acidosis with an elevated anion gap .
Am. fam. physician , 39 (4) :159 - 68 , 1989.
- 106- Hills , B.A. :
What is the true role of surfactant in lung ?
Thorox , 36 : 1 , 1981.
- 107- Hislop , A. ; and Reid , L. :
Development of the acinus in the human lung .
Thorax , 29 : 90 , 1974.

- 108- Hoekstra , R.E. ; Jackson , J.C. ; and Myers ,T.F. :
Improved neonatal survival following multiple doses of bovine surfactant in very premature neonates at risk for R.D.S.
Pediatr. , 88 : 10 - 18 , 1991.
- 109- Horbar , J.D. ; Soll, .R.F. ; Sutherland , J.M. ; et al :
A multi-center randomized , placebo-controlled trial of surfactant therapy for R.D.S.
N. Eng. j. med. , 320 : 959 - 965 , 1989.
- 110- Hoskyns , E.W. ; Milner , A.D. ; and Hopkin , I.E. :
Oscillating volumes during ventilation with high frequency oscillation .
Early Hum. Dev. , 17 : 96 , 1988.
- 111- Houten , J. ; Long , W. ; and Mullett , M. ; et al :
Pulmonary hemorrhage in premature infants after treatment with synthetic surfactant : An autopsy evaluation .
The j. of pediatr. , 120 (2 : 2) : S 41 - S 44 , 1992.
- 112- Inselman , L.S. ; and Mellins , R.B. :
Growth and development of the lung .
J. pediatr., 98 (1) : 1 - 15 , 1981.
- 113- James , D.K. ; Chiswick , M.L.; and Harkes , A.; et al :
Maternal diabetes and neonatal respiratory distress . II Prediction of fetal lung maturity .
Br. j. obstet. gynecol. , 91 (4) : 316 - 324 . 1984 .
- 114- Jobe , A. ; Ikegami , M. ; and Jacobs , H. ; et al :
Permeability of premature lamb lungs to protein and the effect of surfactant on that permeability .
J. Appl. Physiol. , 55 : 169 - 176 , 1983.
- 115- Kazda, A. :
Monitoring acid-base and electrolyte disturbances in intensive care .
Adv. clin. chem. , 27 : 201 - 68 , 1989.
- 116- Keay , A.J.; and Morgan , D.M. :
Dyspnea and Cyanosis . In : Criag's care of the newly born infant . 7 th ed
Churchill. Livingstone. Edinburgh . London . Melbourne and New York,P.
375,1982.
- 117- Kelly , F.J. :
Preterm infants and free radical disorders.
Post graduate doctor (Middle east) , 17 (7) : 286 - 290 , 1994.
- 118- Kendig , J.W. ; Notter , R.H. ; and Cox , C.:
A comparsion of surfactant as immediate prophylaxis and as rescue therapy in newborns of less than 30 weeks' gestation .
N. Engl. j. med. , 324 (13) : 865 - 71 , 1991.

- 119- Kerscmar , C.M. ; Martin , R.J. ; and Chatburn , R.L. ; et al :
Bronchoscopic findings in infants treated with high - frequency jet
ventilation versus conventional ventilation .
Pediatrics , 82 : 884 - 887 , 1988.
- 120- Kessler , D.L. ; Truog , W.E. ; and Murphy , J.H. ; et al :
Experimental HMD in the premature monkey : Effects of antenatal dexamethazone .
Am. Rev. Respir. Dis. , 126 (1) : 62 - 9 , 1982.
- 121- Kimpen , J. :
Neonatal screening for α_1 -AT deficiency.
European j. of pediatr. , 148 (1) : 186 - 188 , 1988.
- 122- Kotas , R.V. ; Fazen ; L.E. ; and Moore , T.E. :
Umbilical cord serum trypsin inhibitor capacity and the idiopathic
respiratory distress syndrome .
J. pediatr. , 81 : 593 , 1972.
- 123- Krauss , A.N. :
Recent advances in hyaline membrane disease .
Pediatr. Ann. , 12 (1) : 24 - 30 , 1983.
- 124- Krummel , T.M. ; Greenfield , L.J. ; and Kirkpatrick , B.V. ; et al :
Clinical use of an extracorporeal oxygenator in neonatal pulmonary failure.
J.pediatr. Surg. , 17 : 525 , 1982.
- 125- Kueppers , F. ; and Black , L.F. :
 α_1 - anti-trypsin and its deficiency .
Am. Rev. Respir. Dis. , 110 (2) : 176 - 94 , 1974.
- 126- Kulovich , M.V. ; Hallman , M.B. ; and Gluck , L. :
The lung profile II. Complicated pregnancy .
Am. j. obstet. gynecol. , 135 : 64 - 70 , 1979.
- 127- Lam , S. ; Chan-Yeung , M. ; and Abboud , R. ;et al :
Interrelationships between serum chemotactic factor in activator , Alpha -1-
antitrypsin deficiency , and chronic obstructive lung disease .
Am. Rev. of Resp. Dis. , 121 (3) : 508 , 1980.
- 128- Lang , M.J. ; Hall , R.T. ; and Reddy , N. ; et al :
A controlled trial of human surfactant replacement therapy for severe
respiratory distress syndrome in very low birth weight infants.
J. pediatr. , 116 : 295 - 300 , 1990.

- 129- Lemaire , F. :
Inspiratory work of breathing during weaning from mechanical ventilation.
Acta anaesthesiol. Belg. , 39 (3) : 227 - 9 , 1988.
- 130- LeoSouef , P.N. ; England , S.J. ; and Bryan , A.C. :
Total resistance of the respiratory system in preterm infants with and without an endotracheal tube .
J. pediatr. , 104 : 108 , 1984.
- 131- Leviton , A. ; Van Marter , L. ; and Kuban , K.C.K. :
Respiratory distress syndrome and intracranial hemorrhage : Cause or association ? Inferences from surfactant trials .
Pediatrics , 84 : 915 - 920 , 1989.
- 132- Lew , C.D. :
Guidelines for ventilatory assistance in the neonate .
J. perinatol. , 8 (1) : 65 - 8 , 1988.
- 133- Liechty , E.D. ; Donovan , E. ; and Purohit , D. :
Reduction of neonatal mortality after multiple doses of bovine surfactant in low birth weight neonates with R.D.S.
Pediatr. , 88 : 19 - 28 , 1991.
- 134- Liggins , G.C. :
Premature delivery of fetal lambs infused with glucocorticoids .
J. Endocrinol. , 45 : 515 , 1969.
- 135- Liggins , G.C. ; and Howie , R.N. :
A controlled trial of antepartum glucocorticoid treatment for prevention of the respiratory distress syndrome in premature infants .
Pediatrics , 50 : 515 - 525 , 1972.
- 136- Liggins , G.C. ; and Howie , R.N. :
The prevention of RDS by maternal steroid therapy . In Gluck , L. (ed.) ;
Modern perinatal Medicine . Chicago , Year book , 415 - 424 , 1974.
- 137- Lindroth , M. :
Current perspective in the management of RDS.
Indian pediatr. , 25 (7) : 654 - 65 , 1988.
- 138- Lipshitz , J. ; Whybrew , W.D. ; and Anderson , G.D. :
Comparison of the Lumadex-foam stability index test , Lecithin ;
sphingomyelin ratio , and simple shake test for fetal lung maturity .
Obstet. Gynecol. , 63 (3) : 349 , 1984.
- 139- Logan , R.W. ; and Arneil , G.C. :
Fluid , Electrolytes and acid - base disturbance. In textbook of pediatrics .
Forfar , J.O. and Arneil , G.C. (eds.) , Churchill Livingstone , P. 398 , 1984.

- 140- Long , W. ; Corbet , A. ; and Allen , A. ; et al :
Retrospective search for bleeding diathesis among premature newborn infants with pulmonary hemorrhage after synthetic surfactant treatment .
The j. of pediatr . , 120 (2 : 2) : S 45 - S 48 , 1992.
- 141- Long , W. ; Thompson , T. ; and Sundell , H. ; et al :
Effects of two rescue doses of a synthetic surfactant on mortality rate and survival without BPD in 700 - to 1350 - gram infants with RDS.
The j. of pediatr . , 118 (4) : 595 - 605 , 1991.
- 142- Low , J.A. :
The role of blood gas and acid - base assessment in the diagnosis of intrapartum fetal asphyxia .
Am. j. obstet. gynecol. , 159 (5) : 1235 - 40 , 1988.
- 143- Luerti , M.:
Antenatal prevention of RDS , a multicentre survey .
Eur. respir. j. , 2 (3) : 53 - 56 , 1989.
- 144- Magny , J.F. :
Biochemical diagnosis of neonatal respiratory distress : hyaline membrane disease and meconium aspiration .
Arch. Fr. pediatr., 45 (7) : 505 - 10 , 1988.
- 145- Makino , S. ; Chosy , L ; and Valdivia , E. ; et al :
Emphysema with α_1 -AT masquerading as asthma .
J. Allergy , 46 : 40 , 1970.
- 146- Malalis , L. ; and Vidyasagar , D. :
Experience with simultaneous measurements of PO_2 using searle PO_2 electrode , transcutaneous PO_2 and PO_2 .
Crit. Care Med. , 11 : 110 - 113 , 1983.
- 147- Mammel , M.C. ; and Boros , S.J. :
Airway damage and mechanical ventilation .
Pediatr . pulmonol. , 3 : 443 - 447 , 1987.
- 148- Marini , J.J. :
Weaning from mechanical ventilation .
Am. Rev. Respir. Dis. , 138 (4) : 1043 - 6 , 1988.
- 149- Markestad , T. ; and Fitzhardinge , P.M. :
Growth and development in children recovering from broncho-pulmonary dysplasia.
Pediatrics , 98 : 597 , 1981.

- 150- Martin, R.J. ; Fanaroff, A.A. ; and Skolin , M.E.L. :
The respiratory distress syndrome and its management, in Fanaroff A.A.,
Martin R.J. (eds.): Behrman's Neonatal Perinatal Medicine , ed. 3. ST.
Louis, C.V. Mosby co. , pp. : 427- 442, 1983.

- 151- Mateeva , E. :
Acid-base balance and blood gas composition in the mother, fetus and
newborn infant following the use of central electro-analgesia during
natural labour.
Akush. Ginekol. (Sofia), 27 (3) : 38 - 43 , 1988.

- 152- Mathis, R. K. ; Freier, E.F. ; and Hunt, C. F.; et al :
Alpha-1- antitrypsin in the respiratory distress syndrome.
N.Eng. j. med. , 288 : 59 , 1973.

- 153-Matsuki , H. , Kasuga, H. ; and Misawa , K.;et al :
Impact of smoking on the concentration and activity of alpha - 1-
antitrypsin in serum in relation to the urinary excretion of Hydroxyproline.
Tokai J. Exp . Clin . Med . , 12 (1) : 19 , 1987.

- 154- Mehta, A. ; Callan , K. ; and Wright , B.M. ; et al :
Patient triggered ventilation in the newborn.
Lancet ii : 17 --19 , 1986.

- 155- Merritt , T.A. ; Boynton, B.R. , and Schneider , H.A. ; et al :
Surfactant replacement. In Nelson N. M. (ed.) : Current therapy in
Neonatal - Perinatal Medicine. B. C. Decker Inc. Toronto, Philadelphia ,
376 , 1986.

- 156- Merritt, T. A. ; Hallman , M. ; and Bloom , B.T. ; et al ;
Prophylactic treatment of very premature infants with human surfactant.
N. Engl. j. med. , 315 : 785 - 790 , 1986 .

- 157- Merritt , T.A. ; Hallman , M. ; and Berry , C. ; et al :
Randomized, placebo - controlled trial of human surfactant given at birth
versus rescue administration in very low birth weight infants with lung
immaturity.
The J. of pediatr. , 118 (4) : 581 -594, 1991.

- 158- Michael , S.D. ; Andrew , T. S. ; and Denise , Z. ; et al :
Bovine surfactant replacement therapy in neonates of less than 30 weeks
gestation: a randomized controlled trial of prophylaxis versus treatment.
Pediatrics , 87 : 3, 377 - 386, 1991.

- 159-Michael, S. D. ; Andrew , T.S. ; and Fred , p. :
Single - versus - multiple - dose surfactant replacement therapy in neonates
of 30 to 36 weeks' gestation with respiratory distress syndrome.
Pediatrics , 86 : 4 , 564 -571 , 1990.

- 160- Miller, H. C. :
Respiratory distress syndrome of newborn infants. II clinical study of pathogenesis.
J. pediatr. , 61 : 9 , 1962 .
- 161- Miller, W.C. :
The ABC of blood gases. Emergency Medicine, p. 37 - 56 , 1984 .
- 162- Miller , H.C. ; and Conklin , E.V. :
Clinical evaluation of respiratory insufficiency in newborn infants.
Pediatrics , 16 : 427 , 1955.
- 163- Miller , H.C.; and Jennison , M.H. :
Study of pulmonary hyaline - like material in 4117 consecutive births :
Incidence, Pathogenesis, and diagnosis.
Pediatrics , 5 : 7 , 1950.
- 164- Milner , A.D. ; and Vyas , H. :
Lung expansion at birth.
J. pediatr . , 101 (6) : 879 - 86 , 1982.
- 165- Mitchell , A. ; Greenough , A. ; and Hird , M. :
Limitations of patient triggered ventilation in neonates.
Arch. Dis. Child. , 64 : 924 -- 929 , 1989 .
- 166- Morgan , T.E.;
Pulmonary surfactant .
N.Eng. J. Med. , 284 : 1185 , 1971.
- 167- Morley , C.J. :
Will exogenous surfactant treat respiratory distress syndrome ?
Arch. of dis. of child. , 58 : 321 , 1983.
- 168- Morley , C.J. :
Surfactant therapy for very premature babies.
Br. Med. Bull . , 44 : 919 - 934 , 1988 .
- 169- Morley, C. J. ; Bangham , A.D. ; and Miller , N. ; et al :
Dry artificial lung surfactant and its effect on very premature babies.
Lancet, 1 : 64 , 1981.
- 170- Morley , C.J. ; and Morley , R. :
Follow up of premature babies treated with artificial surfactant .
Arch. dis. child., 65 : 667 - 669, 1990 .
- 171- Morley, C. ; Robertson , B. ; and Lanchmann , B. ; et al :
Artificial surfactant and natural surfactant.
Archives of Disease in child. , 55, 758, 1980.

- 172- Morrison, J.C. ; Schneider , J.M. ; and Whybrew , W.D. ; et al :
Effects of corticosteroids and feto-maternal disorders on the L: S ratio.
Obstet. Gynecol . , 56: 583 - 89 , 1980.
- 173- Moya , F.R. :
Prevention of RDS.
Semin. Perinatol. , 12 (4) : 348 -58 , 1988.
- 174- Mugford, M. ; Piercy, J. ; and Chalmers , I. :
Cost implications of different approaches to the prevention of respiratory distress syndrome.
Arch. dis. child. , 66 : 757 -764 , 1991.
- 175- Mullin, T.J.; Gross, T.L.; and Wolfson,R.N.:
Ultrasound screening for free-floating particles and fetal lung maturity .
Obstet. Gynecol., 66:50 - 54, 1985.
- 176- Murali , M.V. :
Continuous positive airway pressure with a face mask in infants with HMD.
Indian Pediatr. , 25 (7) : 627 - 31 , 1988.
- 177- Naeye , R.L. ; Harcke , H. T. ; and Blanc , W.A. :
Adrenal gland structure and hyaline membrane disease.
Pediatrics , 47 : 650 , 1971.
- 178- Niklinski , W. ;
Acid-base status of the newborn in relation to cord blood serum creatinine Kinase isoenzymes' activities.
Biomed. Biochem . Acta , 48 (2-3): 200 -3 , 1989.
- 179- Nozynski , J. :
The role of sex and organo-genetically active factors in the pathogenesis of H.M.D. in newborn infants.
Pathol. Pol., 39 (2) : 126 - 135 , 1988 .
- 180- Nozynski , J. :
Patho-morphologic picture of newborn infants dying after cesarian sections.
Ginekol . Pol. , 59 (6) : 347 -52 , 1988.
- 181- Owen , J; and Hauth, J.C. :
Oxytocin for the induction or augmentation of labour.
Clinical obstet. and gynecol., 35(3) : 464 - 475 , 1992.
- 182- Papiernik , E. ; Bouyer , J. ; and Dreyfus , J. ; et al :
Prevention of prererm births : A perinatal study in Haguenau , France .
Pediatrics , 76 (2) : 154 - 158 , 1985.

- 183- Peevy , K.J. ; and Hall , M.W. :
Transcutaneous oxygen monitoring ; economic impact on neonatal care .
Pediatrics , 75 (6) : 1065 - 7 , 1985.
- 184- Peterson , H.G. ; and Pendleton , M.E. :
Contrasting roent genographic pulmonary patterns of the hyaline
membrane and fetal aspiration syndrome .
A.J.R. , 74 : 800 - 817 , 1955.
- 185- Phelan , R.D. ; Landau , L.L; and Olinsky , A. :
Respiratory illness in children .
Aust. pediatr. j. , 14 : 86 , 1982.
- 186- Phibbs , R.H. ; Ballard , R.A. ; and Clements , J.A. ; et al :
Initial clinical trial of exosurf , A protein - free synthetic surfactant , for the
prophylaxis and early treatment of hyaline membrane disease .
Pediatr. , 88 (1) : 1 - 9 , 1991.
- 187- Philips , B.L.; and Mc Quilly , J. :
Blood gases , technical aspects and interpretation .
Pediatrics , 12 : 219 , 1981.
- 188- Promerance , J.J. :
Changing attitudes of neonatologists toward ventilator support .
J. perinatol. , 8 (3) : 232 - 41 , 1988.
- 189- Ragozzino , M.W. ; Hill , L.M. ; and Berckle , R. ; et al :
The relationship of placental grade by ultrasound to markers of fetal lung
maturity .
Radiology , 148 (3) : 805 - 7 , 1983.
- 190- Raju , T.N.K. ; Vidyasagar , D. ; and Bhat , R. ; et al :
Double - blind controlled trial of single-dose treatment with bovine
surfactant in severe hyaline membrane disease .
Lancet , 1 : 651 - 656 , 1987.
- 191- Ramsden , C.A. ; and Reynolds , E.O.R. :
Ventilator settings for newborn infants , controversy and comment .
Arch . dis. child. , 62 : 529 - 538 , 1987.
- 192- Rees , L. ; Forshing , M. ; and Brook , C.G.D. :
Vasopressin concentrations in the neonatal period .
Clin. Endocrinol. , 12 : 357 , 1980.
- 193- Revow , M. :
A model of the maturation of respiratory control in the newborn infant .
Tran. biomed. Eng. , 36 (4) : 414 - 23 , 1989.

- 194- Reynolds , E.O.R. :
Pressure wave-form and ventilator settings for mechanical ventilator in severe hyaline membrane disease .
International Anesthesiology clinics , 12 : 259 , 1974.
- 195- Reynolds , E.O.R. :
Management of hyaline membrane disease .
Br. Med. Bull. , 31 : 18 , 1975.
- 196- Reynolds , E. ; Taghizadeh , A. :
Improved prognosis of infants mechanically ventilated for hyaline membrane disease .
Arch. dis. child. ,49 : 505 , 1974.
- 197- Robertson , N.R.C. :
Developments in neonates, pediatric practice : RDS. In:recent advances in pediatrics .Ed. by David H. , Churchill , Livingstone , London , p. 13 , 1992.
- 198- Robertson , B. :
The evolution of neonatal RDS into chronic lung disease .
Eur. Resp. j. , 2 (3) : 33 - 37 , 1989.
- 199- Rothberg , A.D. ; Maisels , M.J. ; and Bagnato , S. ; et al :
Outcome for survivors of mechanical ventilation weighing less than 1250 gram at birth .
J. pediatr. , 98 : 106 - 111 , 1981.
- 200- Rudolph , A.J. ; and Smith , C.A. :
Idiopathic respiratory distress syndrome of the newborn .
J. pediatr. , 57 : 905 , 1960.
- 201- Ruiz Budria , J. :
Phospholipid surface tension : the diagnostic utility of amniotic fluid and its extract , an analysis of the value of precipitation with cold acetone .
Clin. Chem. , 35 (5) : 800 - 3 , 1989.
- 202- Runkle , B.; and Boncarli , E. :
Acute cardiopulmonary effects of pancuronium bromide in mechanically ventilated infants .
J. pediat. , 21(3): 110-12, 1984.
- 203- Salzer , H.R. :
Differential diagnosis of congenital pneumonia and HMD in the newborn infant .
Prax. Klin. Pneumol. , 42 (7) : 570 - 2 , 1988.

- 204- Saunders , R.A. ; and Milner , A.D. :
Pulmonary pressure / volume relationship during the last phase of delivery
and the postnatal breaths in human Subjects .
J. pediatr. , 93 : 667 , 1978.
- 205- Scarpelli, E. M. :
Pulmonary physiology in fetus, newborn and child - Lea and Febiger ,
Philadelphia , 1975.
- 206- Schmidt , P.L. ; Sims , M.E. ; and Strassner , H.T. ; et al :
Effect of antepartum glucocorticoid administration upon neonatal RDS and
perinatal infection .
Am. j. obstet. gynecol. , 148 (2) : 178 - 86 , 1984.
- 207- Schneider , H.A. ; Hallman , M. ; and Benirschke , K. ; et al :
Human surfactant ; A therapeutic trial in premature rabbits .
J. pediatr. , 100 (4) : 619 - 22 , 1982.
- 208- Schneider , J.P. ; and Raabe , O.G. :
The structure of the human respiratory acinus .
Am. j. anat. , 162 (3) : 221 - 32 , 1981.
- 209- Schrier , R.W. :
Diseases of water metabolism . In Water and Electrolyte Disorders (2nd ed.)
R.W. Schrier (ed.) , Boston , Little , Brown , 1981.
- 210- Schreiner , R.L. :
Newborns with acute respiratory distress : diagnosis and management .
Pediatr. Rev. , 9 (9) : 279 - 85 , 1988.
- 211- Schutte , M.F. ; Treffers , P.E. ; and Koppe , J.C. :
Threatened preterm labour: The influence of time factors on the incidence of
R.D.S.
Obstet. Gynecol. , 62 (3) : 287 , 1983.
- 212- Setzer , E. ; Ermocilla , R. ; and Tonkin , L. ; et al :
Papillary muscle necrosis in a neonatal autopsy population : Incidence and
associated clinical manifestations .
J. pediatr. , 26 : 289 , 1980.
- 213- Severinghans , J.W. :
Transcutaneous blood gas analysis .
Respir . Care , 27 : 152 , 1982.
- 214- Shaffer , T.H. :
In vivo mechanical properties of the developing airway .
Pediatr. Res. , 25 (2) : 143 - 6 , 1989.

- 215- Shannon , D.C. ; Lusser , M. ; Goldblatt , A.; and Bunnell , J.B. :
The cyanotic infant heart disease or lung disease .
N. Eng. j. med. , 287 : 95 , 1977.
- 216- Shapiro , D.L. :
Controversies regarding surfactant replacement therapy .
Clin. perinatol. , 15 (4) : 891 - 902 , 1988.
- 217- Sher , G. ; Statland , B.E. ; and Knutzen , V.K. :
Identifying the small - for - Gestational age fetus on the bases of enhanced
surfactant production .
Obstet . gynecol . , 61(1) : 13 - 5 , 1983.
- 218- Sherman , J.M. ; Shelly , S.A. ; and Balis , J.U. :
Pulmonary lavage as a source of human surfactant .
J. pediatr. , 106 (1) : 126 - 7 , 1985.
- 219- Singer , A.D. ; Thibeault , D.W. ; and Hobel , C.J. ; et al :
Alpha -1- anti - trypsin in amniotic fluid and cord blood of preterm infant
with the respiratory distress syndrome .
J. pediatr. , 88 : 87 - 93 , 1976.
- 220- Smyth , J. ; Allen , A. ; and Sankavan , K. ; et al :
Effects of two rescue doses of Exosurf Neonatal in 221 500-749 gram infants.
Pediatrics Res. , 29 : 330 A , 1991.
- 221- Socol , M.L. ; Sing , E. ; and Depp , O.R. :
The tap test : A rapid indictator of fetal pulmonary maturity .
Am. j. obstet. gynecol . , 148 (4) : 445 - 50 , 1984.
- 222- Sol, R. :
Respiratory distress syndrome .
In : Sinclair , J.C. ; Bracken , M. (eds.) Effective neonatal Care . Oxford
University Press , New York , 1990.
- 223- Sola , A. ; and Gregory , G. :
Colloid osmotic pressure in normal newborn and premature infants .
Crit . care med. , 9 : 568 , 1982.
- 224- Soll , R.F. :
Overveiw of surfactant replacement trials .
Oxford Database of perinatal trials 1991 ; Records 5206 , 5252 , 5664 , 5675.
- 225- Soll , R.F. ; Hoekstra , R.E. ; and Fangman , J.J. :
Multicenter trial of single - dose modified bovine surfactant (survanta) for
the prevention of RDS .
Pediatr. , 85 : 1092 - 1102 , 1990.

- 226- South , M. ; and Morley , C.J. :
Synchronous mechanical ventilation of the neonate .
Arch. dis. child. , 61 : 1190 - 1195 , 1986.
- 227- Speer , C.P. ; Robertson , B. ; and Crustdt ; et al :
Randomized european multicentre trial of surfactant replacement therapy of
severe neonatal respiratory distress syndrome : single versus multiple doses
of curosurf .
Pediatrics , 89 : 13 - 20 , 1992 .
- 228- Spellacy , W.N. ; Buchi , W.C. ; and Cruz , A.C. ; et al :
Assessment of fetal lung maturity:A comparison of the L:S ratio and the
tests of optical density at 400 and 650 nm.
Am. j. gynecol. , 134 : 528 , 1979.
- 229- Stahlman , M.T. :
Acute respiratory disorders in the newborn . In : Neonatology , patho -
physiology and management of the newborn . Ed. by Avery , G.B. , 2nd ed .
J.B. Lippincott comp . Philadelphia , Toronto , P. 371 , 1981.
- 230- Stalcup , S.A.; and Mellins , R.B. :
Acute respiratory distress in the newborn infant .
In : pulmonary diseases and disorders Ed. by Fishman , A.P. , Mc - Graw -
Hill book Co. New York , St. Louis , P. 1653 , 1980.
- 231- Stevenson , D. ; Walther , F. ; and Long , W. ; et al :
Controlled trial of a single dose of synthetic surfactant at birth in premature
infants weighing 500 - 699 grams .
The j. of pediat. , 120 (2 : 2) : S 3 - S 12 , 1992.
- 232- Ten Have - opbroek , A.A. :
The development of the lung in mammals .
Am. j. anat. , 162 (3) : 201 - 19 , 1981.
- 233- Thomas , F. ; Burke , J.P. ;and Parker , J. :
The risk of infection related to radial and femoral site for arterial cathe-
terization .
Crit. care med. , 10 : 807 , 1983.
- 234- Thomas , R. ; and Harvey , D. :
Hyaline membrane disease . Low birth weight infants .
In: Colour guide Neonatology. Churchill Livingstone. 2nd ed. p. 120-122,
1992.
- 235- Thurlbeck , W.M. :
Postnatal human lung growth .
Thorax , 37 (8) : 564 - 71 , 1982.

- 236- Tindall , V.R. ; and , Reid , G.D. :
The management of intrauterine death , In : progress in obstet. and gynecol.
edited by John Studd , Vol. 7 : 199 -215 , 1989.
- 237- Tooley , W.H. :
Hyaline membrane disease . In : Rudolph , A.M. (ed.) : Pediatrics .
New York , Appleton & Lange , 1987.
- 238- Tyler , D.C. :
Positive end expiratory pressure . A reveiw .
Cri. care med. , 11 : 300 , 1983.
- 239- Usher , R. :
Reduction of mortality from respiratory distress syndrome of prematurity
with early administration of intravenous glucose and sodium bicarbonate .
Pediatrics , 32 : 966 , 1963.
- 240- Vazquez , M. :
Surfactant production by neoplastic type II pneumocytes .
Ultrastruct . pathol . , 12 (6) : 605 - 12, 1988.
- 241- Vidyasager , D. ; and Chernick , V. :
Continuous positive transpulmonary pressure in hyaline membrane disease .
A simple device .
Pediatrics , 48 : 296 , 1981.
- 242- Walther . F.J. ; Blanco , C.E. ; and Houd , M. ; et al :
Single versus repititive doses of natural surfactant as treatment of RDS in
premature lambs .
Pediater. Res. , 19 : 224 - 227 , 1985.
- 243- Walti , H. :
Neonatal diagnosis of respiratory distress syndrome .
Eur. respir. j. , 2(3) :2 S - 26 S , 1989.
- 244- Ware , J. ; Taeusch , H.W. ; and Soll , R.F. :
Health and developmental outcomes of a surfactant controlled trial : Follow
up at 2 years .
Pediater. , 85 : 1103 - 7 , 1990.
- 245- Weintraub , Z. :
Simple method for ventilating transported newborn infants .
Crit. care med. , 17 (1) : 109 , 1989.
- 246- Wesenberg , R.L. :
Hyaline membrane disease and immature lung .
The newborn chest , 55 , 1973.

- 247- Wijnands , J.B. :
Usefulness of lecithin / sphingomyelin ratio and uselessness of phosphatidyl-
glycerol determinations in tracheal aspirate of preterm infants .
Clin. chem. , 35 (4) : 706 , 1989.
- 248- Wilkinson , A.R. :
Surfactant therapy , Recent advances in pediatrics , edited by David T.J. ,
No. 11, Churchill Livingstone , P. 53 - 66 , 1993.
- 249- Wilkinson , A.R. ; phibbs , R.H. and Gregory , G.A. :
Continuous measurement of CO₂ in sick newborn infants .
J. pediatr. , 89 : 121 , 1981.
- 250- William , O.H. ; Paul Boivin , PRT ; and Frank Puleo , CRTT ; et al :
Surfactant replacement therapy for the treatment of respiratory distress
syndrome.
Modern medicine of the middle east , 10 , 10 : 90 - 102 , 1993.
- 251- Winter , R.W. :
Acid - base disorders . Principles of pediatric fluid therapy (2nd ed.) ,
Boston : Little , Brown and Company , 1982.
- 252- Wong , Y.C. ; Beard somore , C.S. ; and Silverman , M. :
Pulmonary sequelae of neonatal respiratory distress in very low birth weight
infants . A clinical and physiological study .
Arch. Dis. Child. , 57 : 418 - 424 , 1982.
- 253- Wood , R.E. :
Acute respiratory Failure .
Pediatr . j. , 8 : 193 , 1983.