



References

- Agus, M.S. and Jaksic, T. (2002):** Nutritional support of the critically ill child. *Curr Opin Pediatr*; 14: 470-481.
- Angus, D.C.; Linde-Zwirble, W.T.; Lidicker, J.; Clermont, G.; Carcillo, J. and Pinsky, M.R. (2001):** Epidemiology of severe sepsis in the United States: analysis of incidence, outcome, and associated costs of care. *Crit Care Med*; 29: 1303-1310.
- Arnold, J.H.; Anas, N.G.; Lockett, P. et al., (2000):** High-frequency oscillatory ventilation in pediatric respiratory failure: A multicenter experience. *Crit Care Med*; 28: 3913-19.
- Baker, S.P. and O'Neill, B. (1976):** The injury severity score an update. *J. Trauma*. 16: 882-885.
- Baker, S.P. and O'Neill, B. (1976):** The injury severity score: an update. *J Trauma*. 16: 882-885.
- Ben Abraham, R.; Toren, A.; Ono, N. et al.; (2002):** Predictors of outcome in the pediatric intensive care units of children with malignancies. *J Pediatr Hematol Oncol*; 24: 23-26.
- Biolo, G.; Togio, G.; Ciocchi, B.; Situlin, R.; Iscra, F. and Gullo, A. (1997):** Metabolic response to injury and sepsis: changes in protein metabolism. *Nutrition*; 13(suppl): 52S-57S.



References

Bone, R.C. (1996): Immunologic dissonance: A continuing evolution in our understanding of the systemic inflammatory response syndrome (SIRS) and multiple organ dysfunction syndrome (MODS). *Ann Intern Med*; 125: 680-687.

Bone, R.C.; Balk, R.A.; Cerra, F.B. et al.; (1992): Definitions for sepsis and organ failure and guidelines for the use of innovative therapies in sepsis: The ACCP/SCCM Consensus Conference Committee. American College of Chest Physicians/Society of Critical Care Medicine. *Chest*; 101: 1644-1655.

Brady, A.R.; Harrison, D.; Black, S.; et al., (2006): Assessment and optimization of mortality prediction tools for admissions to pediatric intensive care in the United Kingdom. *Pediatrics*. 117: e733-e742.

Brilli, R.J. and Goldstein, B.(2005): Pediatric sepsis definitions: Past, present and future. *Pediatr Crit Care Med*; 6: S6-8.

Capes, S.E.; Hunt, D.; Malmberg, K.; Pathak, P. and Gerstein, H.C. (2001): Stress hyperglycemia and prognosis of stroke in nondiabetic and diabetic patients: a systematic overview. *Stroke*; 32: 2426-32.

Carcillo, J.A. (2003): Pediatric septic shock and multiple organ failure. *Crit Care Clin*; 19: 413-440.



- Carroll, C.L.; Sekaran, A.K.; Lerer, T.J. and Schramm, C.M. (2005):** A modified pulmonary index score with predictive value for pediatric asthma exacerbations. *Ann Allergy Asthma Immunol*, 94: 355-359.
- Cartwright, K. and Kroll, S. (1997):** Optimising the investigation of meningococcal disease. *PMI*; 315: 757-758.
- Castellanos-Ortega, A. and Delgado-Rodriguez, M. (2000):** Comparison of the performance of two general and three specific scoring systems for meningococcal septic shock in children. *Crit Care Med* ; 28: 2967-2973.
- Chameides, L. (1990):** Textbook of pediatric advanced life support. Hartford. CT American Heart Association American Academy of Pediatrics; 14: 126-131.
- Champion, H.R.; Copes, W.S. and Sacco, W.J. et al., (1990):** The Major trauma outcome study: establishing national normal for trauma care. *J Trauma*. 30: 1356-1365.
- Champion, H.R.; Copes, W.S.; Sacco, W.J. et al., (1990):** A new characterization of injury severity. *J Trauma*. 30: 539-545.
- Choi, K.M.S.; Ng, D.K.; Wong, S.F.; Kwok, K.L.; Chow, P.Y.; Chan, C.H. and Ho, J.C.S. (2005):** Assessment of the pediatric index of mortality (PIM) and the pediatric risk of mortality (PRISM) III score for prediction of mortality in a pediatric intensive care unit in Hong Kong. *Hong Kong Med J*. 11:97-103.



References

- Creteur, J. (2006):** Gastric and sublingual capnometry. *Curr Opin Crit Care*. Jun; 12(3): 272-277.
- Despond, O.; Proulx, F.; Carcillo, J.A. and Lacroix, J. (2001):** Pediatric sepsis and multiple organ dysfunction syndrome. *Curr Opin Pediatr*; 13: 247-253.
- Dominguez, T.E. and Huh, S.W. (2005):** Do we need another pediatric severity of illness score? *Crit care Med*: 33: 2043-45.
- Downes, J.J. (1992):** The historical evolution, current status, and prospective development of pediatric critical care. *Crit Care Clin*; 8: 1-22.
- Fargason, C.A. and Langman, C.B. (1993):** Limitations of the pediatric risk of mortality score in assessing children with acute renal failure. *Pediatr Nephrol*; 7: 703-707.
- Fiser, D.H.; Long, N.; Roberson, P.K.; Hefley, G.; Zolten, K.; Brodie-Fowler, M. (2000):** Relationship of pediatric overall performance category and pediatric cerebral performance category scores at pediatric intensive care unit discharge with outcome measures collected at hospital discharge and 1- and 6-month follow-up assessments. *Crit Care Med*. 28: 2616-2620.
- Fiser, D.H.; Tilford, J.M. and Roberson, P.K. (2000):** Relationship of illness severity and length of stay to functional outcomes in the pediatric intensive care unit: a multi-institutional study. *Crit care Med*. 28: 1173-1179.



References

- Flaegstad, T.; Kaaresen, P.I.; Stoklnd, T. and Gutteberg, T.(1995):** Factors associated with fatal outcome in childhood meningococcal disease. Acta paediatr. 84: 137-1142.
- Fleming, T.R. and DeMets, D.L. (1996):** Surrogate end points in clinical trials: Are we being misled? Ann Intern Med; 125: 605-613.
- Fletcher, J. (1987):** Stress management intensive care. Nurs. 1987; 3(2): 56-60.
- Frankel, L.R. (2004):** Pediatric critical care: Nelson textbook of pediatrics. 17: 268-269.
- Fry, D. (1992):** Multiple system organ failure. Donald Fry (Ed). St. Louis, Mosby Year Book, pp 3-14.
- Garcia, P.C.R.; Eulmesckiam, P.; Sffogia, A.; Perez, A.; Bran, C.O.; RG and Piva, J.P. (2006):** Tasker: RC limitation in pediatric logistic organ dysfunction score. Lancet 6: 368: 1151.
- Gill, M.; Martens, K.; Lynch, E.L.; Salih, A. and Green, S.M. (2007):** Interrater reliability of 3 simplified neurologic scales applied to adults presenting to the emergency department with altered levels of consciousness. Ann emergy Med; 49: 403-07.
- Gonzalez-Luis, G.; Pons, M.; Cambra, F.J. et al., (2001):** Use of the Pediatric Risk of Mortality Score as predictor of death and serious neurologic damage in children after submersion. Pediatr Emerg Care; 17: 405-409.



References

- Graciano, A.;L Balko, J.A.; Rahn, D.S.; Ahmad, N. and Giroir, B.P. (2005):** The pediatric multiple organ dysfunction score (P-MODS): Development and validation of an objective scale to measure the severity of multiple organ dysfunction in critically ill children. Crit Care Med. 77; 1484-1491.
- Green, A.; Christian Hirsch, N. and Pramming, S.K. (2003):** The changing world demography of type 2 diabetes. Diabetes Metab Res Rev; 19: 3-7.
- Hallstrom, A. and Cobb, L. (2000):** Cardiopulmonary resuscitation by chest compression alone or with mouth-to-mouth ventilation. N Engl J Med; 342: 1546-53.
- Hannam, E.L.; Farrell, L.S.; Meaker, P.S. and Cooper, A. (2000):** Predicting inpatient mortality for pediatric trauma patients with blunt injuries. A better alternative. J pediatr surg; 35: 155-59.
- Hayden, W.R. (1994):** Sepsis terminology in pediatrics. J Pediatr; 124: 657-658.
- Hazinski, M.F. (1999):** Analgesia, sedation and neuromuscular Blockade in pediatric critical care: Manual of pediatric critical care 4: 44-73.
- Hazinski, M.F. (1999):** Psychosocial aspect of pediatric critical care: Manual of pediatric critical care 4: 14-44.
- Hinshaw, L(1996):** Sepsis/septic shock: Participation of the microcirculation. An abbreviated review. Crit Care Med 24: 1072-1078.



References

- Horowitz, L.; Kassam-Adams, N. and Bergstein, J. (2001):** Mental health aspects of emergency medical services for children: Summary of a consensus conference. *Acad Emerg Med* 8: 1187-96.
- Hulst, J.; Joosten, K.; Ziommermann, L.; Hop, W.; Van Buuren, S.; Bqller, H. et al., (2004):** Malnutrition in critically ill children: from admission to 6 months after discharge. *Clin Nutr* 23: 223-232.
- Jafari, H. McCracken, G. Jr (1992):** Sepsis and septic shock: a review for clinicians. *Pediatr Infect Dis J* 11: 739-749.
- Janssens, U.; Graf, C.; Graf, J.; et al., (2000):** Evaluation of the SOFA score: a single centre experience of a medical intensive care unit in 303 consecutive patients with predominantly cardiovascular disorders. *Intensive Care Med*; 26: 1037- 45.
- Kaufmann, C.R.; Maier, R.V.; Rivare, F.P. and Carrico, C.J. (1990):** Evaluation of the pediatric trauma score. *JAMA*. 263: 69-72.
- Keren, H.; Burkhoff, D. and Squara, P. (2007):** Evaluation of a noninvasive continous cardiac output monitoring system based on thoracic bioreactance. *Am J Physiol Heart Circ Physiol*. Jul; 293(1): H 583-589.
- Kern, K. and Halperin, H.R. (2001):** New guidelines for cardiopulmonary resuscitation and emergency cardiac care. *JAMA*; 285: 1267-69.



- Kinsella, J.P.; Neish, S.R. and Dunbar, I.D. (1993):** Clinical responses to prolonged treatment of persistent pulmonary hypertension of the newborn with low doses of inhaled nitric oxide. *J Pediatr*; 123: 103-108.
- Kirkham, F.J.; Newton, C.R. and Whitehouse, W. (2008):** Pediatric coma scales. *Developmental medicine & child neurology*, 50: 267-274.
- Kong, A.; Barnett, G.O.; Mosteller, F.; et al., (1986):** How medical professionals evaluate expressions of probability. *N Engl J Med* 315: 740-744.
- Krafte-Jacobs, B. and Pollack, M. (1994):** Multiple organ system failure in children. *Crit Care Med*; 22: 903-904.
- Kumar, N.; Thomas, N.; Singhal, D.; Puliyl, J.M. and Sreenivas, V. (2002):** Triage scoring system for severity of illness. *Delhi*: 1-7.
- Lacroix, J.; Cotting, J. (2005):** Severity of illness and organ dysfunction scoring in children. *Pediatr Crit Care Med*. 6 (3 suppl): S 126-S134.
- Le Gall, J.R.; Klar, J.; Lemeshow, S.; et al., (1996) :** The Logistic Organ Dysfunction system: A new way to assess organ dysfunction in the intensive care unit. *JAMA*; 276: 802-810.
- Leclerc, F.; Leteurtre, S.; Duhamel, A. et al.(2005):** Cumulative influence of organ dysfunctions and septic state on mortality of critically ill children. *Am J Respir Crit Care Med*; 171: 348-353.



References

- Leipzig, B.; Oski, F.A.; Cummings, C.W.; Stockman, J.A. and Swender, P. A. (1979):** Prospective randomized study to determine the efficacy of steroids in treatment of croup. *J Pediatr.* 94: 194-196.
- Lemeshow S.; Teres, D.; Klar, J.; Avrunin, J.S.; Gehlbach, S.H. and Rapoport, J. (1993):** Mortality probability models (MPM II) based on an international cohort of intensive care unit patients. *JAMA.* 270:2478-2486.
- León, R.; Tantaleán, J. and Santos, A. (2001):** Uso del PRISM en una Unidad de Cuidados Intensivos Pediátrica. *Intensivos* 3: 22-27.
- Leteurtre S., Martinot A.; Duhamel A.; et al., (2003):** Validation of the pediatric logistic organ dysfunction (PELOD) score: cross sectional, observational, multicentre study, *Lancet*; 262; 192-197.
- Leteurtre, S.; Martinot, A.; Duamel, A. et al., (1999):** Development of a pediatric multiple organ dysfunction score: Use of two strategies. *Med Decis Making* 1999; 19: 399-410.
- Lima, A. and bakker, J.(2005):** Noninvasive monitoring of peripheral perfusion. *Intensive Care Med.* Oct; 31 (10): 1316-1326.
- Marcin, J.P. and Pollack, M.M. (2007):** Review of the A city Scoring systems for the pediatric Intensive care unit their use in quality improvement. *J Intensive Care Med.* 22: 131-140.



References

- Marshall, J.C. (1999):** Charting the course of critical illness: prognostication and outcome description in intensive care unit. *Crit Care Med*; 27: 676-678.
- Marshall, J.C.; Cook, D.J.; Christou, N.V. et al.; (1995):** Multiple organ dysfunction score: A reliable descriptor of a complex clinical outcome. *Crit Care Med*; 23: 1638-1652.
- Marshall, J.C.; Vincent, J.L.; Fink, M.P. et al.; (2003):** Measures, markers and mediators: Toward a staging system for clinical sepsis. A report of the Fifth Toronto Sepsis Roundtable. *Crit Care Med*; 31: 1560-1567.
- Martha, V.F.; Garda, P.C.R.; Piva, J.P.; Einloft, P.R.; Bruno, F. and Rampon, V. (2005):** Comparison of two prognostic scores (PRISM and PIM) at a pediatric intensive care unit. *J Pediatr (Rio J)*. 81: 259-64
- Martin, M.; Brown, C.; bayard, D.; Demetriades, D.; Salim, A.; Gertz, R.; Azarow, K.; Wo, C.C. and Shoemaker, W.(2005):** Continuous noninvasive monitoring of cardiac performance and tissue perfusion in pediatric trauma patients. *J Pediatr Surg*. Dec; 40 (12): 1957-1963.
- Martin, M.J.(2007):** Monitoring the critically ill or injured child. *J Trauma*. Jun; 62 (6 Suppl): S84.
- Martín-Ancel, A.; García, A.; Gallá, F. et al., (1995):** Multiple organ involvement in perinatal asphyxia. *J Pediatr* 127: 786-793.



- Mathers, L.H. & Frankel, L.R. (2004):** Stabilization of critically ill child. Nelson textbook of pediatrics. 17: 279-286.
- Metta, D.; Soebardja, D. and Hudaya, D. (2006):** The use of pediatric logistic organ dysfunction (PELOD) scoring system to determine the prognosis of patients in pediatric intensive care units. *Pediatrician indonesia*; 46: 1-6.
- Molyneux, M.E.; Taylor, T.E.; Wirima, J.J. and Borgstein, A. (1989):** Clinical features and prognostic indicators in pediatric cerebral malaria: a study of 131 Cameroonian & Malawian children. *QJ Med*; 71: 441-59.
- Montgomery, A.; Stager, M.; Carrico, C. et al (1985):** Causes of mortality in patients with the adult respiratory distress syndrome. *Am Rev Respir Dis*; 132: 485-489.
- Moreno, R.; Vincent, J.L.; Matos, R.; et al., (1999):** Working Group on Sepsis related Problems of the MSICM. The use of maximum SOFA score to quantify organ dysfunction/ failure in intensive care: results of a prospective, multicentre study. *Intensive Care Med*; 25: 686-96.
- Newton, C.R.; Pasvol, G.; Winstanley, P.A. and Warrell, D.A. (1990):** Cerebral malaria: what is unarousable coma? *Lancet*; 335: 472.
- Nguyen, T.; Hall, M.; Han, Y. et al.; (2001):** Microvascular thrombosis in pediatric multiple organ failure: Is it a therapeutic target? *Pediatr Crit Care Med* ; 2: 187-196.



References

- Osler, T.M.; Rogers, F.B.; Badger, G.J.; Healey, M.; Vane, D.W. and Shackford, S.R. (2005):** A simple mathematical modification of TRISS markedly improves calibration. Trauma, 53: 630-634.
- Pollack, M.M.; Ruttiman, U.E.; et al., (1997):** The pediatric Risk of Mortality III- Acute physiology score (PRISM III-APS): A method of assessing physiologic instability for pediatric intensive care unit patient. J pediatr; 131: 575-581.
- Pollack, M.M.; Patel, K.M. and Ruttimann, U.E. (1996):** PRISM III: An updated pediatric risk of mortality score. Crit Care Med 1996; 24: 743-752.
- Pollack, M.M.; Ruttimann, U.E. and Getson, P.R. (1988):** Pediatric risk of mortality (PRISM) score. Crit Care Med 16: 1110-1116.
- Pollack, M.M.; Ruttimann, U.E. and Wiley, J.S.(1985):** Nutritional depletions in critically ill children: associations with physiologic instability and increased quantity of care. JPEN J Parenter Enteral Nutr 1985; 9: 309- 313.
- Proulx, F.; Boeuf, B. and Lacroix, J.(1997):** Pediatric multiple organ dysfunction syndrome. Intensive Care World 14: 79-82.
- Proulx, F.; Fayon, M.; Farrel, C. et al.; (1996):** Epidemiology of sepsis and multiple organ dysfunction syndrome in children. Chest 109: 1033-1037.



References

- Proulx, F.; Gauthier, M.; Nadeau, D. et al.; (1994):** Timing and predictors of death in pediatric patients with multiple organ system failure. Crit Care Med; 22: 1025-1031.
- Qureshi, A.U.; Ali, A.S. and Ahmad, T.M. (2007):** Comparison of three prognostic scores (PRISM, PELOD and PIM2) at pediatric intensive care unit under Pakistani circumstances. J Ayub Med Coll Abbotlabad; 19 (2): 49-53.
- Randolph, A.G.; Gonzales, C.A.; Cortellini, L. and Yeh, T.S.(2004):** Growth of pediatric intensive care units in the United States from 1995 to 2001. J Pediatr, 144: 792-798.
- Rapoport, J. (1993):** Mortality, Probability Models (MPM II) based on an international cohort of intensive care unit patients. JAMA. 270: 2478-2486.
- Richardson, D.K.; Gray, J.E.; McCormick, M.C. et al. (1993):** Score for Neonatal Acute Physiology: A physiologic severity index for neonatal intensive care. Pediatrics; 91: 617-623.
- Riordan, F.A.; Marzouk, O.; Thomson, A.P. et al.; (2002):** Prospective validation of the galsgow Meningococcal Septicaemia Prognostic Score: Comparison with other scoring methods. Eur J Pediatr; 161: 531-537.



Schneider, D.T.; Cho, J.; Laws, H.J.; et al(2002): Serial evaluation of the oncological pediatric risk of mortality (O-PRISM) score following allogeneic bone marrow transplantation in children. Bone Marrow Transplant; 29: 383-389.

Schneider, D.T.; Lemburg, P.; Sprock, I. et al.; (2000):: Introduction of the oncological pediatric risk of mortality score (O-PRISM) for ICU support following stem cell transplantation in children. Bone marrow Transplant; 25: 1079-1086.

Selberg, O. and Sel, S.(2001): The adjunctive value of routine biochemistry in nutritional assessment of hospitalized patients. Clin Nutr; 20: 477-485.

Seneff, M. and Knaus, W.A. (1990): Predicting patient outcome from intensive care: a guide to APACHE, MPEM, SAPS, PRISM, and other prognostic scoring systems. J intensive Care Med; 5:33-52.

Shann, F.; Pearson, G.; Slater, A. et al.; (1997): Pediatric index of mortality (PIM): a mortality prediction model for children in intensive care. Intensive Care Med; 23: 201-207.

Sibbald, W.J.; and Bion, J. (2001): Evaluating Critical care: Using Health services Research to improve Quality. New York: Springer; 16: 160-178.



- Slater, A. and Shann, F. (2004):** The suitability of PIM, PIM2, PRISM and PRISM III for monitoring the quality of pediatric intensive care in Australia and New Zealand: For the ANZICS Pediatric Study Group. *Pediatr Crit Care Med* 5: 447-454.
- Slater, A.; Shann, F.; Pearson, G. et al.; (2003):** PIM2: A revised version of the Pediatric Index of Mortality. *Intensive Care Med*; 29: 278-285.
- Starmark, J.E. and Stalh ammar, D. and Homgren, E. (1988):** The Readition level scale (RLS5). Manual and guideline, *Acta Neurobir (wien)*; 91: 12-20.
- Steinhorn, D. and Cerra, F. (1998):** Multiple organ dysfunction syndrome: Pediatric Critical Care. Second edition. Fuhrman B, Zimmerman J 9Eds). St. Louis, Mosby Year Book, pp 955-965.
- Stormorken, A. & Powell, K.R. (2004):** Sepsis and shock: Nelson textbook of pediatrics. 17: 849-847.
- Tantaleán, J.; León, R.; Santos, A.; Sánchez, E. et al.; (2003):** Multiple organ dysfunction syndrome in children. *Pediatr Crit Care Med*; 4: 181-185.
- Tatman, A.; Warren, A.; Williams, S.A.; Powell, J.E. and Whitehouse, W. (1997):** Development of a modified pediatric coma scale in intensive care practice. *Arcb dischild*; 77: 519-21.



- Thukral, A.; Kohli, V.; Lodha, R.; Kabra, S.K. and Arora N.K. (2007):** Validation of the PELOD score for multiple organ dysfunction in children. Indian pediatrics ; 44: 683-686.
- Timmons, O.D.; Havens, P.I. and Fackler, J.C. (1995):** Predicting death in pediatric Critical care study Group: extracorporeal life support organization. Obstet. 108: 787-797.
- Tobias, J.D.; Connors, D.; Strauser, L. et al.; (2000):** Continuous pH and Pco₂ monitoring during respiratory failure in children with the Paratrend 7 inserted into the peripheral venous system. J Pediatr; 136: 623-7.
- Umpierrez, G.E.; Isaacs, S.D.; Bazargan, N.; You, X.; Thaler, L.M. and Kitabchi, A.E.(2002):** Hyperglycemia: an independent marker of in-hospital mortality in patients with undiagnosed diabetes. J Clin Endocrinol Metab 87: 978-982.
- Van der Kaay, D.C.; De Kleijn, E.D.; De Rijke, Y.B, et al.; (2002):** Procalcitonin as a prognostic marker in meningococcal disease. Intensive Care Med 28: 1606-1612.
- Van Keulen, J.G.; Gemke, R. and Polderman, K.H. (2005):** Effect of training and strict guidelines on the reliability of risk adjustment systems in paediatric intensive care. Intensive care Med. 31: 1229-1234.
- Van Keulen, J.G.; Polderman, K.H.; Gemke, R.J. (2005):** Reliability of PRISM and PIM scores in pediatric intensive care. Arch Dis Child. 90: 211-214.



- Vincent, J.L.; Moreno, R.; Takala, J. et al.; (1996):** the SOFA (Sepsis-related Organ Failure Assessment) score to describe organ dysfunction/ failure. *Intensive Care med* 22: 707-710.
- Wilkinson, J.; Pollack, M.; Glass, N. et al.; (1987):** Mortality associated with multiple organ system failure and sepsis in pediatric intensive care unit. *J Pediatr* 111: 324-328.
- Wilkinson, J.; Pollack, M.; Ruttimann, U. et al.; (1986):** Outcome of Pediatric patients with multiple organ system failure. *Crit Care Med*; 14: 271-274.
- Zimmerman, J.E.; Kramer, A.A.; McNair, D.S. and Malila, F.M. (2006):** Acute physiology and chronic Health evaluation (APACHE) IV: hospital mortality assessment for today's critically ill patients. *Crit Care Med*. 34: 1297-1310.
- Zygun, D.; Kortbeek, J.B.; Fick, G.H. et al.; (2005):** Non-neurological organ dysfunction in severe traumatic brain injury. *Crit Care Med*; 33: 654-660.