
Reference



Adams F. and Aizawa K. (2001): "The Bounds of Cognition".
Philosophical Psychology; 14: 43-64.

Adelman, A.S.; Groves, F.D. and O'Rourke, K. et al. (2007): Residential mobility and risk of childhood acute lymphoblastic leukemia: An ecological study. Brit J Cancer; 97(1): 140-149.

Ahles TA. Saykin AJ, Noll WW. et al. (2003): The relationship of APOE genotype to neuropsychological performance in long-term cancer survivors treated with standard dose chemotherapy. Psychooncology 12:612-619.

Al-Seraihy ME, Zhou X, et al. (2009): Classification of pediatric acute lymphoblastic leukemia by gene expression profiling. Blood 102:2951-2959.

Appel IM, Pinheiro JP, den Boer ML, et al. (2003): Lack of asparagine depletion in the cerebrospinal fluid after one intravenous dose of PEG-asparaginase: a window study at initial diagnosis of childhood ALL. Leukemia; 17 (11): 2254-2267.

Aricò M, Valsecchi MG, Rizzari C, et al. (2008): Long-term results of the AIEOP-ALL-95 Trial for Childhood Acute Lymphoblastic Leukemia: insight on the prognostic value of DNA index in the framework of Berlin-Frankfurt-Munster based chemotherapy. *J Clin Oncol*; 26: 283-291.

Armstrong SA and Thomas Look A (2005): Molecular Genetics of Acute Lymphoblastic Leukemia. *J of Clin Onc*; 23: 6306-6315.



Bayaram BG, Quigley R, et al. (2010): Hyperphosphatemia in tumor lysis syndrome the role of hemodialysis. *Pediatric Nephrology* 8:351-362.

Balduzzi A, Valsecchi MG, Uderzo C, et al. (2005): Chemotherapy versus allogeneic transplantation for very-high-risk childhood acute lymphoblastic leukemia in first complete remission: comparison by genetic randomisation in an international prospective study. *Lancet*; 366 (9486): 635-642.

Basso G, Veltrani M, Valsecchi MG, et al. (2009): Risk of relapse of childhood acute lymphoblastic leukemia is predicted by flow cytometric measurement of residual disease on day 15 bone marrow. *J Clin Oncol*; 27 (31): 5168-5174.

-
- Bene M, Bernier M and Castoldi G (2003):** Impact of immunophenotyping on management of acute leukemias. *Haematology of Pediatr. Oncol.*; 84:1024-1035.
- Behm FG (2003):** Classification of acute leukemias. Treatment of acute leukemias. Pui CH(ed). Hamana Press, Totowa, New Jersey; P.43.
- Bokkerink JP, Kamps WA, Hakvoort-Cammel FG, et al. (2002):** BFM-oriented treatment for children with acute lymphoblastic leukemia without cranial irradiation and treatment reduction for standard risk patients: results of DCLSG protocol ALL-8; 16:1099-111.
- Bond KJ, Bitran JD, et al. (2010):** Acute tumor lysis syndrome: *Am J Med*; 68:556-576.
- Borowitz MJ, Devidas M, Hunger SP, et al. (2008):** Clinical significance of minimal residual disease in childhood acute lymphoblastic leukemia and its relationship to other prognostic factors: a Children's Oncology Group study. *Blood*; 111 (12): 5477-85.
- Brumariu O, Miron I, Cernahoschi I, Maimescu L et al. (2000):** Osteoarticular changes in childhood leukemia, lymphoma and neuroblastoma. *Rev Med Chir Soc Med Nat Iasi*; 104(4):67-69.
- Brown rt, Sawyer MB, Antoniou G, Toogood I, Rice M, Thompson N, et al. (2003):** A 3-year follow-up of the intellectual and academic functioning of children receiving central nervous system prophylactic chemotherapy for leukemia. *J Dev Behav Pediatr*; 17: 392-8.
-

Buizer Al. de Sonnevile LM, van den Heuvel-Eibrink MM, et al. (2005): Chemotherapy and attentional dysfunction in survivors of childhood acute lymphoblastic leukemia: Effect of treatment intensity. *Pediatr Blood Cancer* 45:281-290.

Bukowski WM, Rogosch FA, LeRoy S, Kulkarni R. (2006): Social interactions between children with cancer and their peers: J. teacher ratings. *Pediatric psychology* 134-143.

Bürger B, Zimmermann M, Mann G, et al. (2003): Diagnostic cerebrospinal fluid examination in children with acute lymphoblastic leukemia: significance of low leukocyte counts with blasts or traumatic lumbar puncture. *J Clin Oncol* 21(2):184-189.

Butler Rw. Langer RK, et al. (2009): Neurocognitive interventions for children and adolescents surviving cancer *J Pediatr Psychol* 30:65-78.



Campbell, L. K., Scaduto, M., Sharp, W., Dufton, L., Van Slyke, D., & Compas, B. (2007). A meta-analysis of the neurocognitive sequelae of treatment for childhood acute lymphoblastic leukemia. *Pediatric Blood and Cancer*, 49, 65-73.

Campana D and Pui CH (2004): Childhood Leukemia. In : Abeloff MD, Armtage JO, Neiderhuber JE, Kastan MB, Mckana WG(editors). *Abeloff: Clinical Oncology*, 3rd Edition. Churchill Livingstone, Philadelphia; P: 2731-2764.

-
- Campana D (2009):** Minimal Residual Disease in Acute Lymphoblastic Leukemia. *seminhematol*.vol 46(1) Pages 100-106.
- Calvete E, Lansdown R. (2004):** Retrospective study of intellectual development in children treated for acute lymphoblastic leukemia. *Arch Dis Child*; 52: 525-529.
- Carey, M. E., Haut, M. W., Reminger, S. L., Hutter, S. L., Theilmann, R., & Kaemingk, K. L. (2008):** Reduced frontal white matter volume in long-term childhood leukemia survivors: A voxel-based morphometry study. *American Journal of Neuroradiology*, 29, 792-797.
- Chiaretti S, Foà R (2009).** T-cell acute lymphoblastic leukemia. *Haematological*; 94(2): 160–162.
- Champagne MA, Capdeville R, Krailo M, et al. (2004):** Imatinib mesylate (ST1571) for treatment of children with Philadelphia chromosome-positive leukemia: results from a Children's Oncology Group phase I study. *Blood*; 104 (9): 26551-60.
- Chu WC. Chick KW. Chan YL. et al. (2005):** White matter and cerebral metabolite changes in children undergoing treatment for acute lymphoblastic leukemia longitudinal study with MR imaging and IH MR spectroscopy, *Radiology* 229:659-669.
- Ciesielski KT, Hill DE, Hart BL, et al. (2004):** MRI morphometric and neuropsychological correlates of long-term memory in survivors of childhood leukemia. *Pediatr Blood Cancer*; 42:611-617.
-

-
- Chiaretti S, Tavoraro S, Ghia EM, et al. (2007):** Characterization of ABL1 expression in adult T-cell acute lymphoblastic leukemia by oligonucleotide arrays analysis. *Haemtological.*; 92: 619–626.
- Clarke M, Gaynon P, Hann I, et al. (2003):** CNS-directed therapy for childhood acute lymphoblastic leukemia: childhood ALL Collaborative Group overview of 43 randomized trials. *J Clin Oncol*; 21 (9): 1798-1809.
- Conter V, Arico M, Valsecchi MG, et al. (2000):** Long-term results of the Italian Association of Pediatric Hematology and Oncology (AIEOP) acute lymphoblastic leukemia studies, 1982-1995. *Leukemia*; 14 (12): 2196-2204.
- Compas, B. E. (2006).** Psychological processes of stress and coping: Implications for resilience in childhood and adolescence. *Annals of the New York Academy of Sciences*, 1094, 226-234.
- Conter V, Valsecchi MG, Silvestri D, et al. (2007):** Pulses of vincristine and dexamethasone in addition to intensive chemotherapy for children with intermediate-risk acute lymphoblastic leukemia: a multicenter randomised trial. *Lancet*; 369 (9556): 123-131.
- Copeland DR, Moor BD, Francis DJ, et al. (1996):** neuropsychologic effects of chemotherapy on children with cancer: A longitudinal study, *J Clin Oncol* 14:2826-2835.
-

.Copeland, W. E., & Compas, B. E. (2008): Neuropsychological correlates of coping: The role of executive inhibition. Manuscript submitted for publication.

Craver C. F. and Darden L. (2001): "Discovering Mechanisms in Neurobiology: the case of spatial memory". In Machamer P., Grush R., McLaughlin P., (eds), Theory and Method in Neuroscience. Pittsburgh: Pittsburgh University Press; P: 112-137.

Craver C. F. (2002): "Interlevel experiments and multilevel mechanisms in the neuroscience of memory". Philosophy of Science; 69: 83-97.



David A.R. and Andres M. (2006): "The origin of mind: Evolution of brain, cognition, and general intelligence". American Journal of Psychiatry; 163: 1652-1653.

Dan B. Ziereisen F. et al. (2006): White matter and cerebral metabolite changes in children undergoing treatment for acute lymphoblastic leukemia: Longitudinal study with MR Imaging and IH MR spectroscopy. Radiology:229:659-669.

De Bellis MD, Keshavan MS. Beers SR, et al. (2009): Sex differences in brain maturation during childhood and adolescence. Cerebral Cortex: 11:552-557.

-
- De Labarthe HE, Maseli T, et al. (2007):** Kinetics of normal and leukemic leucocyte population and relevance to chemotherapy. *Cancer Res* 30:1883-1897
- Dejong, M., & Fombonne, E. (2006).** Depression in pediatric cancer: An overview. *Psycho-Oncology*, 15, 553-556.
- De-Vries G.J. (2003):** "Attentional and oculomotor capture with static singletons". *Perception and Psychophysics*; 65: 735-746.
- Dokic J. (2001):** "Is Memory Purely Preservative? ". In: Hoerl C. and McCormack T., (eds), *Time and Memory*. Oxford: Oxford University Press; P: 213-232.
- Dickinson HO (2005):** The cause of childhood leukemia. *BMJ*. Jun 4; 330(7503):1279-80.
- Dover DC, Mody R, Li S, et al. (2008):** Twenty-five year follow-up among survivors of childhood acute lymphoblastic leukemia: a report from the Childhood Cancer Survivor Study. *Blood*; 111:5515-5523.
- Duval M, Suciu S, Ferster A, et al. (2002):** Comparison of *Escherichia coli*-asparaginase with *Erwinia*-asparaginase in the treatment of childhood lymphoid malignancies: results of a randomized European Organisation for Research and Treatment of Cancer-Children's Leukemia Group phase 3 trial. *Blood*; 99 (8): 2734-9.
-



Echizenet SJ, Bunin LC, et al. (2010): Differing complications of hyperleucocytosis in children with acute lymphoblastic leukemia. J. Clin Oncol. 47:1590-1598.

Eden OB, Harrison G, Richards S, et al. (2000): Long-term follow-up of the United Kingdom Medical Research Council protocols for childhood acute lymphoblastic leukaemia,. Medical Research Council Childhood Leukaemia Working Party. Leukemia; 14(12): 2307-20.

Eiser C, Heimann, B., (2006): How leukemia affects a child's schooling. British Journal of Social and Clinical psychology 45:1112-1124.

Espy, K. A., Moore, I. M., Kaufmann, P. M., Kramer, J. H., & Hutter, J. J. (2005). Chemotherapeutic CNS prophylaxis and neuropsychologic changes in children with acute lymphoblastic leukemia: A prospective study. Journal of pediatric psychology, 26, 1-9.



Fairlough D, Atmore K, Castro R, Isquith P, et al.(2008): Neurocognitive outcome of treatment in childhood acute lymphoblastic leukemia: cranial radiation requires an accomplice. J Clin Oncol; 13: 2490-6.

Frey M.C., and Detterman D.K. (2003): "Scholastic assessment or the relationship between the scholastic assessment test and general cognitive ability". *Nature Neuroscience*; 6: 1253-1258.

Ford AM, Pomo-de`oliveria MS, McCartly KP et al. (2002): Monoclonal origin of concordant T-cell malignancy twins; *Blood* 89:281



Gaynon PS (2005): Childhood acute lymphoblastic leukaemia and relapse. *Br J Haematol*; 131 (5): 579-87.

Gandhi V, Kilpatrick JM, Plunkett W, et al. (2005): A proof-of-principle pharmacokinetic, pharmacodynamic, and clinical study with purine nucleoside phosphorylase inhibitor immucillin-H (BCX-1777, forodesine). *Blood*; 106 (13): 4253-60.

Gilham C, Peto J, Simpson J, Roman E, Eden TO, Greaves MF, Alexander FE (2005): UKCCS Investigators. Day care in infancy and risk of childhood acute lymphoblastic leukemia: findings from UK case control study. *BMJ*. Jan 4; 330(7503):1294.

Giere R. (2002): "Scientific Cognition as Distributed Cognition". In: Carruthers P., Stich S., and Siegal M. (eds), *The Cognitive Basis of Science*. Cambridge: Cambridge University Press; P: 248-269.

Gerr ER, Shuster JJ, et al. (2010): Use of clinical and laboratory features to define prognostic subgroups in B-precursor acute lymphoblastic leukemia: experience of the Pediatric Oncology Group. *Recent Results Cancer Res* 131:257-267.

-
- Glover, D. A., Byrne, J., Mills, J. L., Robison, L. L., Nicholson, H. S., Meadows, A., et al. (2003):** Impact of CNS treatment on mood in adult survivors of childhood leukemia: A report from the children's cancer group. *Journal of Clinical Oncology*, 21, 4395-4401.
- Goldberg , Petto DE, et al. (2003):** B-cell leukemia. A new phenotype of childhood lymphoblastic leukemia. *Engl J Med* 298:872-878.
- Gottfredson L.S. (2006):** "Social consequences of group differences in cognitive ability". In: Flores-Mendoza C.E. and Colom R., (eds.), *Introducau a psicologia das diferences individuals*. Porto Allegre, Brazil: ArtMed Publishers; P: 433-456.
- Gozzi M., and Papagno C. (2007):** "Is short-term memory involved in decision making? Evidence from a short-term memory patient". *Journal of Neuropsychology*; 1: 115-129.
- Gottfredson L.S. (2005):** "Suppressing intelligence research: Hurting those we intend to help". In Wright R.H. and Cummings N.A., (eds.), *Destructive trends in mental health: The well-intentioned path to harm*. New York: Taylor and Francis. P: 155-186.
- Greaves MF and Alexander FE (2003):** An infectious etiology for acute lymphoblastic leukemia in children. *Leukemia*; 7(3):49.
- Gray J.R. and Thompson P.M. (2004):** "Neurobiology of intelligence: science and ethics". *Nature Reviews Neuroscience*; 5: 471-82.
- Griffin A, Ribiero R, et al. (2004):** Persistence of circulating blasts after multiagent chemotherapy confers a poor prognosis in childhood acute lymphoblastic leukemia. *Blood* 1292-1295.
-



Harrison & Newcorn (2005): Consultation in child psychiatry: A review of the past 10 years part 1: Clinical findings, JAM Academy child adolescent psychiatry.

Harrison CJ. (2009): Cytogenetics of pediatrics and adolescent acute lymphoblastic leukemia. Br J Haematol, 144:147-156.

Harms DO, Janka-Schaub GE (2000): Co-operative Study Group for Childhood Acute Lymphoblastic Leukemia (COALL): long-term follow-up of trials 82.85.89 and 92. Leukemia; 14 (12): 2234-9.

Haykin ME, Gorman M, van Hoff J, et al. (2006): Diffusion-weighted MRI correlates of subacute methotrexate-related neurotoxicity. J Neurooncol 76:153-157.

Hilden WL, et al. (2006): Pediatric acute lymphoblastic leukemia. Hematology (Am Soc Hematol Educ Program):102-31.

Hill DE, Brown ET, Sethre-Hofstad L, Duncan MH, Lorenzi M. (2003): Visual and verbal short-term memory deficits in childhood leukemia survivors after intrathecal chemotherapy. J Pediatr Psychol; 22:861-70.

Hosaya MA, Rowe JM, et al. (2010): Hyperleukocytic leukemia theological. Clinical and therapeutic considerations. Blood 60:279-285.

Hobbie WL, Stuber M, Meseke K, et al. (2000): Recovery of immune function after cessation of maintenance therapy in acute lymphoblastic leukemia (ALL) of childhood. *J Clin Oncol*; 18:4060-4066.

Hoyle L. (2003): "The Origins of Human Nature: Evolutionary Developmental Psychology". *American Journal of Psychiatry*; 160: 1368-1369.

Hudson J, Ochs R, et al. (2008): Comparison of neuropsychologic functioning and clinical indicators of neurotoxicity in long-term survivors of childhood leukemia given cranial radiation or parenteral methotrexate: a prospective study. *J Clin Oncol*; 9:145-151.

Huong T.L., Brouwer I.D., Khan C.N., Frans J.K., Verhoef H., and Kok F.J. (2007): "Suitability of instant noodles for iron fortification to combat iron-deficiency anemia among primary school children in rural Vietnam". *Food and Nutrition Bulletin*; 28: 291-298.



Igarashi S, Manabe A, Ohara A, et al. (2005): No advantage of dexamethasone over prednisolone for the outcome of standard- and intermediate-risk childhood acute lymphoblastic leukemia in the Tokyo Children's Cancer Study Group L95-14 protocol. *J Clin Oncol*; 23 (27): 6489-98.

Ito C, Evans WE, McNinch L, et al. (1996): Comparative cytotoxicity of dexamethasone and prednisolone in childhood acute lymphoblastic leukemia. *J Clin Oncol*; 14 (8): 2370-6.

Ittyerah M., and Marks L.E. (2007): "Memory for curvature of objects: Haptic touch vs. vision". *British Journal of Psychology*; 98: 589-610.

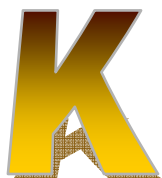
Isquith JS., (2005): The neuropsychological effects of acute lymphoblastic leukemia and its treatment- three years report: intellectual functioning and academic achievement. *Clinical Neuropsychology*; 105: 345-355.



Jansen, M.W.; Corral, L. and van der velden, V.H. et al. (2007): Immunobiological diversity in infant acute lymphoblastic leukemia is related to the occurrence and type of MLL gene rearrangement. *Leukemia*; 21(4): 633-41.

Jonsson O, Sartain P, Ducore J, et al. (1990): Bone pain as an initial symptom of childhood acute lymphoblastic leukemia. *J Pediatr*; 117: 233.

Joseph B.M. (2002): "The Integration of Neurology, Psychiatry, and Neuroscience in the 21st Century". *American Journal of Psychiatry*; 159: 695-704.



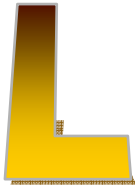
Kaemingk KL, Carey ME, Moore IM, Herzer M, Hutter JJ. (2004): Math weaknesses in survivors of acute lymphoblastic leukemia compared to healthy children. *Child Neuropsychol*; 10: 14-23.

-
- Kantarjian H, Giles F, Wunderle L, et al. (2006):** Nilotinib in imatinib-resistant CML and philadelphia chromosome-positive ALL. *N Engl J Med*; 354 (24): 2542-51.
- Kishi S, Griener J, Cheg C, et al. (2003):** Homocysteine. Pharmacogenetics, and neurotoxicity in children with leukemia. *J Clin Oncol* 21:3084-3091.
- Kibar C, Devita JB, et al. (2010):** Significance of blood elevations, among patients with acute lymphoblastic leukemia and other neoplastic proliferative disorders *Am J med*; 40:528-534.
- Kinumaki H, Bessho F, Yokota S, et al. (2007):** Liver function study in children with acute lymphoblastic leukemia after cessation of therapy. *Med Pediatr Oncol*; 23:111-115.
- King R.A. (2004):** "Psychiatric examination of the infant, child, and adolescent". In: Sadock B.J., Sadock V.A., (eds). *Kaplan and Sadocks Comprehensive Textbook of psychiatry*. (8th ed). Baltimore: Lippincott williams and Wilkins; Vol 2: 2532.
- Kingma A, Van Dommelen RI, Mooyaart EL, Wilmink JT, Deelman BG, Kamps WA. (2002):** No major cognitive impairments in young children with acute lymphoblastic leukemia using chemotherapy only: a prospective longitudinal study. *J Pediatr Hematol Oncol*; 24: 106-14.
- Knudsen E.I. (2007):** "Fundamental Components of Attention". *Annual Review of Neuroscience*; 30: 57-78.
- Koehler T, Leiblein S, Borchert S, et al. (2003):** Absolute levels of MDR 1, MRP and BCL-2 mRNA and tumor remission in acute leukemia. *Leuk Lymphoma*; 9:44.
-

Koenderink J.J. (2003): "Perceptual representation of visible surfaces". Perception and Psychophysics; 65: 747-762.

Kolb B. Wishaw I. (2003): Fundamentals of Human Neuropsychology 4th edition. W.H. Freeman and Company.

Krull KR. Brouwer P. Jain N. et al. (2008): Folate pathway genetic polymorphisms are related to attention disorders in childhood leukemia survivors. J Pediatr;152:101-105.



Lahteenmaki, P.M.; Holopainen I, Krause C.M.; L Heikki. LA. (2008): Cognitive functions of adolescent & childhood cancer survivors assessed by event related potentials. Med Pediatr Oncol; 36(4): 442-50.

Lansky SB, Cairns NV, Zwartjes w. (2005): School attendance among school children with cancer: a report from two centers. Journal of psychosocial Oncology; 88:598-613.

Langeveld NE, Grootenhuis MA, Voute PA, et al. (2004): Posttraumatic stress symptoms in adult survivors of childhood cancer. Pediatr Blood Cancer;42;604-610.

Langer BJ, Bostrom BC, Cherlow JM, et al. (2002): Double-delayed intensification improves event-free survival for children with intermediate-risk acute lymphoblastic leukemia: a report from the Children's Cancer Group. Blood; 99(3): 825-33.

Lanzkowsky and Philip (2011): Manual of pediatric Hematology and Oncology. Fourth Edition. Elsevier Publisher, Inc. PP415-439.

Lebedev M., Messinger A., Kralik J., and Wise S. (2004): "Representation of attended versus remembered locations in prefrontal cortex". PLoS Biology; 2: 1919-1935.

Le Viseur MF, Janosy G, Peto J, et al. (2008): Immunologically defined subclasses of acute lymphoblastic leukemia in children: their relationship to presentation features and prognosis. Br J Haematol; 48:179-197.

Lihteh WU (2005): Leukemias. <http://www.emedicine.com/med/topic.489.htm>.

Lottick BH, Camitta BM, et al. (2003): Racial differences in the survivors of acute lymphoblastic leukemia: a Pediatric Oncology Group Study. J Clin Oncol; 18: 846-57.

Ludwig WD, Haferlach T, Schoch C (2004): Classification of acute leukemias. In: Treatment of acute leukemias. Pui CH(ed).Hamana Press, Totowa, New Jersey; P. 3.

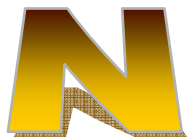


Mangano JJ, Sherman J, Chang C, Dave A, Feiberg E, Frimer M (2003): Elevated childhood cancer incidence proximate to U.S. nuclear power plants. Arch Environ Health. Feb; 58(2):74-82.

-
- Margolin Jf, Poplack sr, Rabin KR, Steurbr EP,et al (2011);** Acute lymphoblastic leukemia. In: Pizzo PA, Poplack DG, editors. Principles and Practice of Pediatric Oncology. 6th ed. Philadelphia: Lippincott Williams & Wilkins; pp: 518-565.
- Mark N. (2003):** "Disorders of motion and depth"; Clinical Neurology Journal; 21: 609-629.
- Majerus S. (2003):** "Long-term memory effects on verbal short-term memory: A replication study". British Journal of Clinical Psychology; 21: 303-310.
- Matloub Y, Lindemulder S, Gaynon PS, et al. (2006):** Intrathecal triple therapy decreases central nervous system relapse but fails to improve event-free survival when compared with intrathecal methotrexate: results of the Children's Cancer Group (CCG) 1952 study for standard-risk acute lymphoblastic leukemia, reported by the Children's Oncology Group. Blood; 108 (4): 1165-73.
- Mc Nally LS, Duff JA, Sabio RT, et al. (2003):** Leukemias. <http://www.emedicine.com/med/topic.489.htm>
- Mitchell CD, Richards SM, Kinsey SE, et al. (2005):** Benefit of dexamethasone compared with prednisolone for childhood acute lymphoblastic leukaemia: results of the UK Medical Research Council ALL97 randomized trial. Br J Haematol; 129 (6): 734-45.
- Miles W., and Mutasim A. (2009):** "Perceptions and Pathophysiology of Dyspnea and Exercise Intolerance". Pediatric Clinics of North America; 56: 33-48.
-

-
- Mingroni M.A. (2004):** "The secular rise in IQ: Giving heterosis a closer look". Intelligence; 32: 65-83.
- Mitby P, Jacaroso D, et al. (2002):** Risk of disease recurrence and second neoplasms in survivors of childhood cancer treated with growth hormone: a report from the Childhood Cancer Survivors Study. J Clin Endocrinal Metab 87:3136-3141.
- Montour-Proulx I, Kuehn SM, Keene DL, et al. (2005):** Cognitive changes in children treated for acute lymphoblastic leukemia with chemotherapy only according to the Pediatric Oncology Group 9605 protocol. J Child Neurol; 20:129-133.
- Möricke A, Zimmermann M, Reiter A, et al. (2005):** Prognostic impact of age in children and adolescents with acute lymphoblastic leukemia: data from the trials ALL-BFM 86, 90, and 95. Klin Pediatr. Nov-Dec; 217(6):310-20.
- Moore IM, Espy KA, Kaufmann P, et al. (2000):** Cognitive consequences and central nervous system injury following treatment for childhood leukemia .Semin Oncol Nurs 16(4): 279-90; discussion 291-9.
- Moore, BD III. (2005):** Neurocognitive outcomes in survivors of childhood cancer J Pediatr Psychol 30:51-63.
- Moleski M. (2005):** Neuropsychological, neuroanatomical, and neurophysiological consequences of CNS chemotherapy for acute lymphoblastic leukemia. Arch Clin Neuropsychol 15:603-630
- Mulhern RK. Palmer SL. (2003):** Neurocognitive late effects in pediatric cancer Curr Probl Cancer 27:177-197.
-

Mullenix R. (2007): Acute lymphoblastic leukemia. In: K. Yeates MDR. Taylor AG. editors. Pediatric neuropsychology: Research theory and practice. New York: Guilford Press.



Nachman G and Oski's H (2007): Tumors of the hematopoietic system. In Atlas of acute lymphoblastic leukemia. J Clin Oncol; 6:1425.

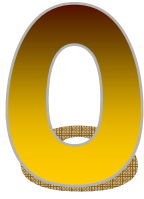
Nathan PC, Wasilewski ML, Masker K, Janzen LA (2009): Long-term outcomes in survivors of childhood acute lymphoblastic leukemia. Hematol Oncol Clin North Am; 23 (5): 1065-82, vi-vii.

Nakayama K. (2003): "A primitive memory system for the deployment of transient attention". Perception and Psychophysics; 65: 711-724.

Nachman JB, Heerema NA, Sather H, et al.(2007): Outcome of treatment in children with hypodiploid acute lymphoblastic leukemia. Blood; 110:1112-1115.

Nelson SC, Bruggers CS, Kurtzberg J, et al. (1993): Management of leukemia hyperleukocytosis with hydration urinary alkalinization and allopurinol. AM J Pediatr. Hematol Oncol 59:1567-1576.

Noriko Satake, Janet LM, Kanet M Yoon (2010): Recent in acute lymphoblastic leukemia. Hematol Oncol Clin North Am; 1-26.



Oeffinger KC. (2008): Are survivors of acute lymphoblastic leukemia (ALL) at increased risk of cardiovascular disease? *Pediatr Blood Cancer*; 50:462-467; discussion 468.

Orkin, S.; Fisher, D. and Look, A.T. et al. (2008): Nathan and Oski's hematology of infancy and childhood. Philadelphia: WB Saunders.



Paakko EL, Lehtinen S, Harila-Saari A, et al. (2005): Perfusion MRI and SPECT of brain after treatment for childhood acute lymphoblastic leukemia. *Med Pediatr Oncol* 40:88-92.

Pataki C.S. (2004): "Child psychiatry: introduction and overview". In: Sadock B.J., Sadock V.A., (eds). *Kaplan and Sadocks Comprehensive Textbook of psychiatry*. (8th ed). Baltimore: Lippincott williams and Wilkins; Vol 2: P: 2532.

Pession A, Valsecchi MG, Masera G, et al. (2007): Long-term results of a randomized trial on extended use of high dose L-asparaginase for standard risk childhood acute lymphoblastic leukemia. *J Clin Oncol*; 23(28): 7161-7.

Pieters, Kanet M Yoon (2010): Recent in acute lymphoblastic leukemia. *Hematol Oncol Clin North Am*; 1-26.

-
- Phipps, S. (2011):** Adaptive style in children with cancer: Implications for a positive psychology approach. *Journal of pediatric Psychology*, 32, 1055-1066.
- Phipps, S., & Steele, R. (2005):** Repressive adaptive style in children with chronic illness. *Psychosomatic Medicine*, 64, 34-42.
- Prahm MC. Malone EM. Ruble K. et al. (2007):** Motor and perceptual Timing Deficits Among Survivors of Childhood Leukemia. *J Pediatr Psychol* 32:918-925.
- Precourt S, Robaey P, Lamothe I, Lassonde M, Sauerwein HC, Moghrabi A. (2005):** Verbal cognitive functioning and learning in girls treated for acute lymphoblastic leukemia by chemotherapy with or without cranial irradiation. *Dev Neuropsychol* 21:173-95.
- Pui CH, Crist WM (1994):** Biology and treatment of acute lymphoblastic leukemia. *J Pediatr*; 124: 491.
- Pui CH, Evans WE (1998):** Acute lymphablastic leukemia. *N Engl J Med*; 339(9): 605.
- Pui CH, Boyett JM, Relling MV, et al. (1999):** Sex differences in prognosis for children with acute lymphoblastic leukemia. *J Clin Oncol*; 17:818-24.
- Pui CH, Boyett JM, Rivera GK, et al. (2000):** Long-term results of total therapy studies 11, 12 and 13A for childhood acute lymphoblastic leukemia at St Jude Children's Research Hospital. *Leukemia*; 14(12): 2286-94.
-

Pui CH and Crist WM (2001): Biology and treatment of acute lymphoblastic leukemia. J Pediatr; 124:491.

Pui CH and Evans WE (2004): Acute lymphoblastic leukemia. N Engl J Med 339(9):605-15.

Pui CH, Evans WE (2006): Acute lymphoblastic leukemia. N Engl J Med;354:166-78.

Pui CH, Campana D, Pei D, et al. (2009): Treating childhood acute lymphoblastic leukemia without cranial irradiation. N Engl J Med; 360(26): 2730-41

Pullen J, Boyett J, Shuster J, et al. (2002): Extended triple intrathecal chemotherapy trial for prevention of CNS relapse in good-risk and poor-risk patients with B-progenitor acute lymphoblastic leukemia: a Pediatric Oncology Group study. J Clin Oncol 11(5):839-49.



Raz A. (2004): "Anatomy of attentional networks. The Anatomical Record". The Anatomical Record Part B: The New Anatomist; 281: 21-36.

Raimonndi SC, Kitchingman GR, et al. (2006): Childhood acute lymphoblastic leukemia with chromosomal breakpoints. Blood 73:1627-1634.

-
- Raymond-Speden E, Tripp G, Lawrence B, Holdaway D. (2000):** Intellectual, neuropsychological and academic functioning in long-term survivors of leukemia. *J pediatr Psycho*; 25:59-68
- Relling MV, Hancock ML, Boyett JM, et al. (2001):** Prognostic importance of 6-mercaptopurine dose intensity in acute lymphoblastic leukemia. *Blood*; 93 (9): 2817-23.
- Reddick WE. Shan ZY Glass JO, et al, (2006):** smaller white-matter volumes are associated with larger deficits in attention and learning among long-term survivors of acute lymphoblastic leukemia *Cancer* 106:941-949.
- Reich W. (2000):** "Diagnostic interview for Children and Adolescents (DICA)". *Journal of American Academy of Child and Adolescent Psychiatry*; 39: 59-66.
- Reese E. (2002):** "Social Factors in the Development of Autobiographical Memory". *Social Development*; 11: 124-142.
- Ribera JM, Ortega JJ, Oriol A, et al. (2007):** Comparison of intensive chemotherapy, allogeneic, or autologous stem-cell transplantation as postremission treatment for children with very high risk acute lymphoblastic leukemia: PETHEMA ALL-93 Trial. *J Clin Oncol*; 25 (1): 16-24.
- Rollins N. Winich N. Bash R, et al. (2004):** Acute methotrexate neurotoxicity: findings on diffusion-weighted imaging and correlation with clinical outcome. *Am J Neuroradiol* 25:1688-1695.
- Robles G., and Hayward V. (2001):** "Principles of Haptic Perception in Virtual Environments". *Nature*; 412: 445-448.
-

Robbie DW, Moore EA, Graves MJ, et al. (2003): Cognitive outcome in children and adolescents following chemotherapy: Influence of psychosocial, psychiatric, and chemotherapy-related variables. *J Int Neuropsychol Soc*; 5:58-68.

Rominget LL, Nesbit ME, Sather HN, et al. (2008): Factors associated with IQ scores in long-term survivors of childhood acute lymphoblastic leukemia. *Am J Pediatr Hematol Oncol*; 6:115.

Ross JA, Spector LG, Robinson LL, Olshan AF (2005): Epidemiology of leukemia in children with Down syndrome. *Pediatr Blood Cancer*. Jan; 44(1):8-12.

Rubnitz JE (2009): Acute lymphoblastic leukemia. <http://www.emedicine.com>.



Saykin AJ, Ahles TA, McDonald BC. (2005): Mechanisms of chemotherapy-induced cognitive disorders: Neuropsychological, Patho psychological, and neuroimaging perspective 15:188-189.

Schrapppe M, Reiter A, Zimmerman M, et al. (2000): Long-term results of four consecutive trials in childhood ALL performed by the ALL-BFM study group. *Berlin-Frankfurt-Munster. Leukemia*; 14(12): 2205-22.

Schetky D.H., and Benedek E.P. (2002): "Principles and Practice of Child and Adolescent Forensic Psychiatry". *Current Opinion in Psychiatry*; 17: 355-383.

Schlenger H.D. (2003): "The Principle of Intelligence". *Psychological Record Journal*; 53 (1): 15–33.

Schrauder AA, Reiter CM, et al. (2006): Comparable outcome of alternative donor and matched sibling donor hematopoietic stem cell transplant for children with acute lymphoblastic leukemia in first or second remission, *Biol Blood Marrow Transplant* 14:1245-1252.

Seiter K (2004): Acute lymphoblastic leukemia.
<http://www.emedicine.com/med/topic3146.htm>.

Seiter K (2009): Acute lymphoblastic leukemia. <http://www.emedicine.com>.

Seiter K (2010): Acute Lymphoblastic Leukemia: Differential Diagnosis & Workup. <http://www.emedicine.com>.

Shaw P., Greenstein D., Lerch J., Clasen L., et al. (2006): "Intellectual ability and cortical development in children and adolescents". *Nature*; 440: 676-679.

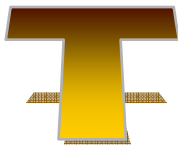
Simon, N.B. and Josef, H.V. (2009): Childhood Leukemia: Symposium Haematology. *Pediatric and Child Health*; 19(8): 345-350.

Sirvent EC, et al. (2007): The incidence of testicular infiltration in patients with acute lymphoblastic leukemia. *Pediatr Oncol* 101:845-850.

-
- Sklar CA, Mertens AC, et al. (2002):** Pulsatile growth hormone secretion in children with acute lymphoblastic leukemia after chemotherapy. *Int J Pediatr Oncol Biol Phys* 15:1001-1006.
- Skinner, E. A., & Zimmer-Gembeck, ML.,J., (2007):** The development of coping . *annual Review of Psychology* , 58 , 119-144.
- Spinrtta JJ, Murphy JL, Vik PJ, Day J, Mott MA. (2003):** Long term adjustment in families of children with cancer. *Journal of psychosocial Oncology*
- Steven C Auclerc MF, Auvrignon A, Baruchel A, Kabilli, Lambilliotte A, Leverger G, Sommelet D, Vilmer E, Hemon D, Clavel J (2004):** Acute childhood leukemia and environmental exposure to potential sources of benzene and other hydrocarbons; a case control study. *Occup Environ Med.* Sep; 61(9):773-8.
- Stam RW, den Boer ML, Pastier MM, et al. (2006):** Silencing of the tumor suppressor gene FHIT is highly characteristic for MLL gene rearranged infant acute lymphoblastic leukemia. *Leukemia*; 20 (2): 264-71.
- Stock A, et al. (2008):** Prognostic impact of age in children and adolescents with acute lymphoblastic leukemia: data from the trials ALL-BFM 86, 90, and 95. *Klin Pediatr.* Nov-Dec; 217(6):310-2.
- Sulong S, Moorman AV, Irving JA, et al. (2009):** A comprehensive analysis of the CDKN2A gene in childhood acute lymphoblastic leukemia reveals genomic deletion, copy number neutral loss of heterozygosity and association with specific cytogenetic subgroups. *Blood*; 113 (1): 100-7.
-

Suteliffe MS, Shuster J, et al. (2008): Ploidy of lymphoblasts is the strongest predictor of treatment outcome in B-progenitor cell acute lymphoblastic leukemia of childhood: a Pediatric Oncology Group Study. *J Clin Oncol* 10:606-613.

Swerdlw PJ, Carlson MA, et al. (2008): Identification of gene expression profiles that segregate patients with childhood leukemia. *Clin Cancer Res, Inc.* 8:3118:-3135.



Talpaz M, Shah-NP, Kantarjian H, et al. (2006): Dasatinib in imatinib-resistant Philadelphia chromosome-positive leukemias. *N Engl J Med*; 354(24): 2531-41.

Takusagawa LM, D'Angio G, et al. (2010): Oncologic emergencies, Principles and practices of pediatric oncology eds 34:367-375.

Tanyeli DP, Chesmey RW, et al. (2010): Tumor lysis syndrome: Pathogenesis and management. *Pediatr Oncology Group study* 9:206-220.

Thagard P, Sharp ML et al. (2005): "Mind: Introduction to Cognitive Science". *American Journal of Psychiatry*; 163: 88-94.

Tomizawa D, Koh K, Sato T, et al. (2007): Outcome of risk-based therapy for infant acute lymphoblastic leukemia with or without an MLL gene rearrangement, with emphasis on late effects: a final report of two consecutive studies, MLL96 and MLL98, of the Japan Infant Leukemia Study Group. *Leukemia*; 21: 2258-63.

Toyoda Y, Manabe A, Tsuchida M, et al. (2000): Six months of maintenance chemotherapy after intensified treatment for acute lymphoblastic leukemia of childhood. *J Clin Oncol*; 18 (7): 1508-16.

Tuncer DR, et al. (2010): Hematologic malignancies leukemia and lymphoma: Blood disease of infancy and childhood 66:1198-1222.

Tubergen DG, Gilchrist GS, O'Brien RT, et al. (2008): Improved outcome with delayed intensification for children with acute lymphoblastic leukemia and intermediate presenting features: a Childrens Cancer Group phase III trial. *J Clin Oncol*; 11: 527-37.



Vardiman J W, Thiele J, Arber DA, et al. (2009): The 2008 revision of the World Health Organization (WHO) classification of myeloid neoplasms and acute leukemia: rationale and important changes. *Blood*; 114(5): 937-951.

Veerman Al, Hahlen K, Kamps WA, et al. (1996): High cure rate with a moderately intensive treatment regimen in non-high-risk childhood acute lymphoblastic leukemia. Results of protocol ALL VI from the Dutch Childhood Leukemia Study Group. *J Clin Oncol*; 14(3): 911-8.

Virtanen M., Singh-Manoux A., Ferrie J.E., and Gimeno D. (2009): "Long Working Hours and Cognitive Function: The Whitehall II Study". *American Journal of Epidemiology*; 169: 596-605.

Von der weid N, Mosimann I, Hirt A, Wacker P, Nenadov BM, Imbach P, et al. (2003): Intellectual outcome in children and adolescents with acute lymphoblastic leukemia treated with chemotherapy alone: age- and sex-related differences. *Eur J Cancer* 39: 359-65.

Vora A, Mitchell CD, Lennard L, et al. (2006): Toxicity and efficacy of 6-thioguanine versus 6-mercaptopurine in childhood lymphoblastic leukaemia: a randomised trial. *Lancet*; 368 (9544): 1339-48.



Waber DP, Urion DK, Tarbell NJ, Niemeyer C. (1998): Late-effects of central nervous system treatment in long term survivors of childhood acute leukemia are sexually dimorphic. *Dev Med Child Neurol*; 32:164-74.

Waber DP, Tarbell NJ, Waber, D. P., Carpentieri, S. C., Klar, N., Schwenn, M., Hurwitz, C., et al. (2004). Sex differences in Cognitive processing in children treated for acute lymphoblastic leukemia with dexamethasone or prednisone. *Jornal of pediatric and Hematological Oncology*, 22, 206-213.

Wakeford R, Kendal (2009): GM little MPthe proportion of childhood leukemia incidence in Great Britain that may be caused by natural background ionizing radiation. *Leukemia* 23.

Wang Y, Xue MX, Wu XH, et al. Successful treatment of relapsed Philadelphia chromosome –positive acute lymphoblastic leukemia with T3151 mutation after haplo-identical hematopoietic stem cell transplantation with donor lymphocyte transfusion and interferon-alpha-2b *Leuk Res* 2009; 33:111-113.

Wechsler D. (2003): Wechsler intelligence scale for children-Third Edition; Manual, updated Arabic version. Psykologiforlaget AB.

Wechsler D. (2004): Wechsler intelligence scale for children-Third Edition; Manual, updated San Antonio: The psychological corporation.

Williams J.A., and Levine J.E. (2002): "Sickle cell disease". In: Burg F.D., Ingelfinger J.R., Polin R.A., and Gershon A.A., (eds.), Gellis & Kagan's current pediatric therapy. (17th ed). Philadelphia: W.B. Saunders; P: 648-650.

William M. Kylkylo and Jerald L.Key, editors pub (2005): John Wiley & sons ltd. 2nd ed. England. Chapter 1, page 11-15.

Whalley and Deary (2001): "Longitudinal cohort study of childhood IQ and survival up to age 76". British Medical Journal; 322: 819-819.

Wolfe M.B., and Mienko J.A. (2007): "Learning and memory of factual content from narrative and expository text". British Journal of Educational Psychology; 77: 541-564.



Ziereisel F. Dan B. Azzi N. et al. (2006): Reversible acute methotrexate leukoencephalopathy: Atypical brain MR imaging features. Pediatr Radiol 36:205-212.
