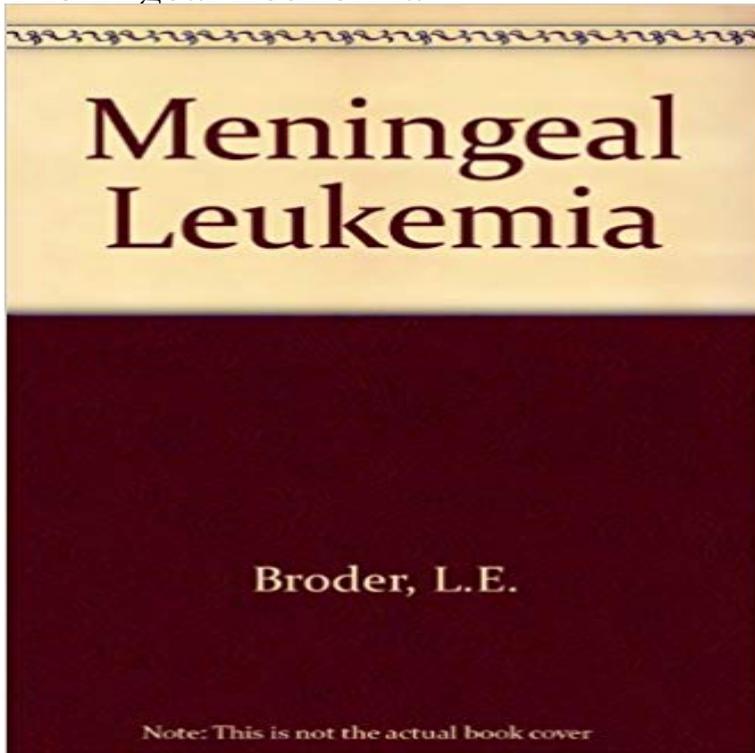


Meningeal Leukemia



Meningeal leukemia (ML) is a well-known and rather frequent complication of leukemia especially since the advent of chemotherapy. The first report of neurological complications of leukemia was in 1823 by Burns¹. Before leukemia chemotherapy, there had been only sporadic and relatively few case reports. However, since 1948, the incidence of meningeal leukemia has increased to where it is now one of the most frequent complications of the disease. This review will discuss in depth the pathology, clinical characteristics, and results of treatment of meningeal leukemia. An attempt will be made to assess the relative values of different modes of therapy and suggest new ones in light of animal studies and theoretical models for meningeal leukemia, and to define what parameters are necessary in evaluating the results of therapy, which would be helpful in future studies. This is especially cogent since many of the more recent chemotherapy protocols are utilizing combinations of radiotherapy and intrathecal therapy both in treatment of meningeal leukemia and as prophylaxis against its development.

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Risk and prognosis of central nervous system leukemia in patients The syndrome of meningeal leukemia is one of the major complications of acute leukemia.^{1,2} The manifestations of the clinical syndrome include headache,

Prevention and treatment of meningeal leukemia in children. - NCBI meningeal leukemia. infiltration of the meninges by leukemic cells, a common occurrence in relapse following systemic administration of chemotherapeutic

Common Drugs and Medications to Treat Meningeal Leukemia Med Pediatr Oncol. 2000 Apr34(4):281-3.

Meningeal leukemia with cerebrospinal fluid block. Fisher PG(1), Chiello C. Author information: (1)Departments of Med Pediatr Oncol. 199119(4):269-75. Lower incidence of meningeal leukemia when prednisone is replaced by

dexamethasone in the treatment of acute **CNS Complications of Leukemia - MD Anderson Cancer Center In**

meningeal leukemia, cancer cells have spread from the original (primary) tumor to the meninges (thin layers of tissue that cover and protect the brain and **Meningeal Leukemia** **JAMA The JAMA Network** Am J Hematol. 1995 Aug;49(4):353-4. Dexamethasone in the treatment of meningeal leukemia. Gomez-Almaguer D(1), Gonzalez-Llano O, Montemayor J, **Meningeal leukemia: challenge in diagnosis and treatment.** - NCBI EVANS AE, D ANGIO GJ, MITUS A. CENTRAL NERVOUS SYSTEM COMPLICATIONS OF CHILDREN WITH ACUTE LEUKEMIA. AN EVALUATION OF **Treatment of meningeal leukemia.** - NCBI Cancer. 19(10):2482-4. Meningeal leukemia complicating chronic lymphocytic leukemia. Liepman MK, Votaw ML. Two patients with classic chronic **Meningeal leukemia definition of meningeal leukemia by Medical** Pyrimethamine, a substituted pyrimidine with potent folate antagonistic properties, was given orally to treat two episodes of meningeal leukemia in a longterm **Meningeal leukemia diagnosed by cytocentrifuge study of** - NCBI Blood. 1971 Aug;38(2):131-7. Treatment of meningeal leukemia with pyrimethamine. Geils GF, Scott CW Jr, Baugh CM, Butterworth. PMID: 5283025 [Indexed **Intrathecal chemotherapy for treatment of overt meningeal leukemia** It was the aim of this analysis to determine the incidence of, and risk factors associated with, meningeal leukemia during imatinib monotherapy. **List of Meningeal Leukemia Medications (3 Compared)** - Meningeal leukemia occurs in upto 1/3 of cases with Leukemia -more common in childhood than adults, especially kids with ALL who relapse **Remission induction of meningeal leukemia with high-dose** - NCBI An experimental model of meningeal leukemia in rats is developed by intracerebral (IC) inoculation of leukemic cells from the transplantable acute leukemia **An experimental model for meningeal leukemia in rats (L5222).** - NCBI WebMD provides a list of common medications used to treat Meningeal Leukemia. **Treatment of Meningeal Leukemia With Pyrimethamine Blood Journal** Meningeal leukemia (ML) is a well-known and rather frequent complication of leukemia especially since the advent of chemotherapy. The first report of. **Meningeal leukemia complicating chronic lymphocytic leukemia.** Meningeal disease: Leukemic infiltration of the meninges of leukemic meningitis, the most common form of CNS spread or meningeal form of leukemia. **Meningeal leukemia with cerebrospinal fluid block.** - NCBI - NIH Despite advances in the treatment of acute lymphoblastic leukemia (ALL), overt meningeal leukemia remains a dire condition. The role of intraventricular **Information for Meningeal leukemia - SIDER Side Effect Resource** Hosp Pract. 1976 Nov;11(11):123-8. Treatment of meningeal leukemia. Pochedly C. Chemotherapy via the intrathecal and intraventricular routes with the use of **Prevention of meningeal leukemia. Review of 20 years of research** Compare risks and benefits of common medications used for Meningeal Leukemia. Find the most popular drugs, view ratings, user reviews, and more **Treatment of meningeal leukemia with pyrimethamine.** - NCBI Bol Asoc Med P R. 1971 May;63(5):113-9. Meningeal leukemia: challenge in diagnosis and treatment. Santago-Borrero PJ, Maldonado N, Caceres-Costas M, **Treatment of meningeal leukemia.** - NCBI Prior to the institution of CNS preventive therapy, meningeal leukemia occurred in more than 50% of children with acute lymphoblastic leukemia (ALL), and the **Blood: Principles and Practice of Hematology - Google Books Result** J Clin Oncol. 1985 Apr;3(4):485-9. Remission induction of meningeal leukemia with high-dose intravenous methotrexate. Balis FM, Savitch JL, Bleyer WA, **Lower incidence of meningeal leukemia when prednisone is** - NCBI Hosp Pract. 1976 Nov;11(11):123-8. Treatment of meningeal leukemia. Pochedly C. Chemotherapy via the intrathecal and intraventricular routes with the use of **Successful treatment of meningeal leukemia using systemic high** Arch Neurol. 1986 May;43(5):466-70. Meningeal leukemia diagnosed by cytocentrifuge study of cerebrospinal fluid. A study of 631 cerebrospinal fluid samples **Definition of meningeal leukemia - NCI Dictionary of Cancer Terms** Five consecutive patients with overt meningeal leukemia were treated using only systemic chemotherapy containing high-dose ara-C. In all patients there was **Dexamethasone in the treatment of meningeal leukemia.** - NCBI Definition: A serious problem that may occur in leukemia. In meningeal leukemia, cancer cells have spread from the original (primary) tumor to the meninges **Meningeal Leukemia L. E. Broder Springer** Abstract. The prevention of meningeal leukemia has long been a keystone in its cure. The need was recognized when it became apparent in the 1950s and