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= Abstract =

A Case of Complete Treatment of Multiple Intracranial Tuberculoma

Eun Young La, M.D. and Chang Yoo Lee, M.D.

Department of Pediatrics, Wonkwang University, School of Medicine, Iksan, Korea

Although the incidence of intracranial tuberculosis in children have been decreased with development of antituberculous therapy, mortality rate is still high as formerly if the diagnosis and treatment was not performed early. Authors report a case of a 5-month old male with multiple intracranial tuberculoma who have been accompanied by miliary tuberculosis and tuberculous meningitis. He was hospitalized at the pediatric department of Wonkwang University Hospital with mild fever and persistent cough. The brain MRI was performed and showed that there were multiple intracranial micronodular densities, perinodular edema and diffuse leptomeningeal enhancement which were disappeared completely after antituberculosis chemotherapy for 12 months and he had completely recovered without sequale.

Key Words: Intracranial tuberculoma, Tuberculous meningitis

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Tel: 063)850-1099 Fax: 063)853-3670 E-mail: chan33@medigate.net PCR

105 mg/dL : , 5 , 69 mg/dL, 58 mg/dL, : 2

가 : 40 , 3.0 kg,

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BCG, B : 2

X-

4.5 kg(3), 59.2 cm(3), 52 cm(97)

37.6 , 102/min, 30/min

가

10.2

mg/dL, 18,800/mm³ (segmented neutrophil 35.5%, lymphocyte 55.8%), 676,000/mm³,

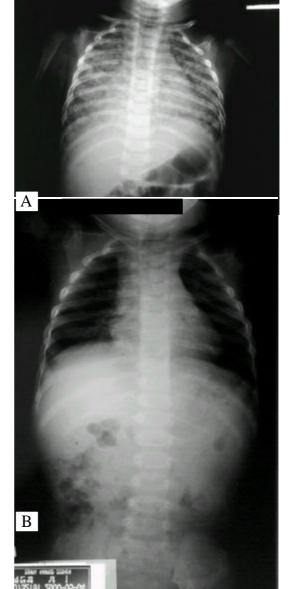
29 mm/hr, C-45.1 mg/

L

15 cm H_2O , 6 / μL , 77 mg/ 60 mg/dL, 115 mg/dL dL, . PPD(5 TU) , latex 18 mm

TB-PCR TB- 35 10 cmH₂O, 2/ μL,

latex X-



mm in diameter on both lung fields at admission. (B) Diffuse scattered nodules in both lung fields disappeared after 12month antituberculosis therapy.

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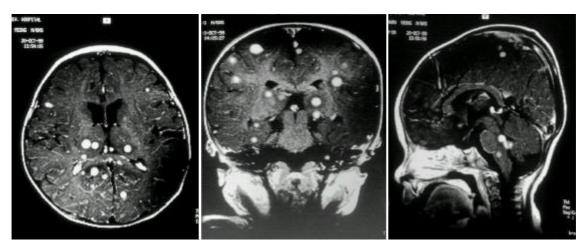


Fig. 2. T1 weighted image showed diffuse scattered multiple small nodular enhancing masses with perinodular edema in both cerebral cortex, basal ganglia, thalamus, brain stem after 1 month therapy.



Fig. 3. T1 weighted image shows that the number of enhancing nodules & brain edema disappeared after 12-month antituberculosis therapy.

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Isoniazid(10 mg/kg),
                               (Fig. 1A)
                                                         Rifampin(10 mg/kg), Pyrazinamide(4 mg/kg), strepto-
                                                         mycin(40 mg/kg)
       35
                             X-
                                                         Isoniazid, Rifampin
                                                                2 \text{ mg/kg}
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                              가가
                                               (Fig.
                                               X-
2) 12
                             X-
            (Fig. 1B)
             (Fig. 3).
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Farell 8)
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                                                    toux test
                                    49%가 15
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       Dastur
                                                                            Witrack
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   49%가 10
                                    23
                                                                                         mantoux test
                                                                                          6/ µL
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                    0.15%
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              4).
                                                                 Schroth
   가
           25 50%
                                             가
                                                                                   가
                                                                                20 30%
                                (III, IV, V, VI,
VII)
       VI, VII
                                                                         Isoniazid, Rifampin, Pyrazina-
                                      5)
                                                                                        가
                                                    mide
                                                               Ethambutol
                                                                   Isonizid
                                                                             Pyrazinamide
                            6,7)
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. Streptomycin

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12

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