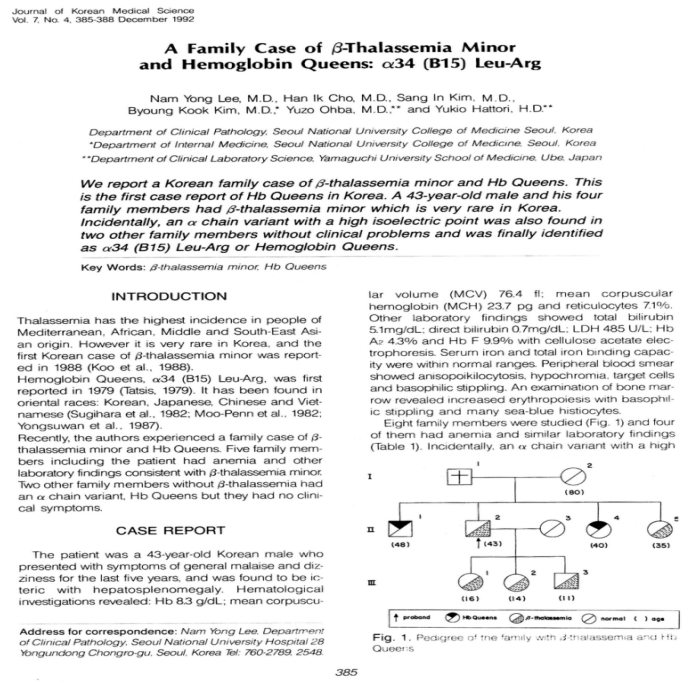
Differential Diagnosis Presented Through an Analysis of 385 Cases (Volume 1)



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A Family Case of β-Thalassemia Minor and Hemoglobin Queens: α34 (B15) Leu-Arg

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We report a Korean family case of β-thalassemia minor and Hb Queens. This is the first case report of Hb Queens in Korea. A 43-year-old male and his four family members had β-thalassemia minor which is very rare in Korea. Incidentally, an α chain variant with a high isoelectric point was also found in two other family members without clinical problems and was finally identified as α34 (B15) Leu-Arg or Hemoglobin Queens.

Key Words: *β-thalassemia minor, Hb Queens*

INTRODUCTION

Thalassemia has the highest incidence in people of Mediterranean, African, Middle and South-East Asian origin. However it is very rare in Korea, and the first Korean case of β-thalassemia minor was reported in 1988 (Koo et al., 1988).
Hemoglobin Queens, α34 (B15) Leu-Arg, was first reported in 1979 (Tatsis, 1979). It has been found in oriental races: Korean, Japanese, Chinese and Vietnamese (Sugihara et al., 1982; Moo-Penn et al., 1982; Yongsuwan et al., 1987).
Recently, the authors experienced a family case of β-thalassemia minor and Hb Queens. Five family members including the patient had anemia and other laboratory findings consistent with β-thalassemia minor. Two other family members without β-thalassemia had an α chain variant, Hb Queens but they had no clinical symptoms.

CASE REPORT

The patient was a 43-year-old Korean male who presented with symptoms of general malaise and dizziness for the last five years, and was found to be icteric with hepatosplenomegaly. Hematological investigations revealed: Hb 8.3 g/dL; mean corpuscular volume (MCV) 76.4 fl; mean corpuscular hemoglobin (MCH) 23.7 pg and reticulocytes 7.1%. Other laboratory findings showed total bilirubin 5.1mg/dL; direct bilirubin 0.7mg/dL; LDH 485 U/L; Hb A_2 4.3% and Hb F 9.9% with cellulose acetate electrophoresis. Serum iron and total iron binding capacity were within normal ranges. Peripheral blood smear showed anisopoikilocytosis, hypochromia, target cells and basophilic stippling. An examination of bone marrow revealed increased erythropoiesis with basophilic stippling and many sea-blue histiocytes.
Eight family members were studied (Fig. 1) and four of them had anemia and similar laboratory findings (Table 1). Incidentally, an α chain variant with a high

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Fig. 1. Pedigree of the family with β-thalassemia and Hb Queens

Differential Diagnosis Presented Through an Analysis of [and] Cases, Volume 2. Couverture Richard Clarke Cabot. Saunders, - pages. 1.DIFFERENTIAL DIAGNOSIS PRESENTED THROUGH AN. ANALYSIS OF AND CASES VOLUME 1. RareBooksClub. Paperback. Book Condition: New.Court adopted an interpretation of the rules concerning the admissibility of ex- [Vol. No. 4 quently called upon to offer opinions identifying an injury's cause were presented with more admissibility challenges to differential diagnosis tes- . 1. It would be a mistake to argue that the causal issues in toxic tort cases are.Discussion: More than 20 cases of PML or cerebral nocardiosis in patients receiving . (B) Electron micrograph of a brain biopsy specimen (patient 1): Nucleus of a . Despite a rather characteristic presentation of advanced PML in MRI analysis the differential diagnosis remains a .. N Engl J Med; Dermatol. vol no.5 Rio de Janeiro Sept. Analysis of 86 cases (%) registered as ATL in one of the hypothesis revealed a different final . Table 1 Demographic data of the patients who presented with cutaneous or mucous lesions and.CT signs, patterns and differential diagnosis of solitary fibrous tumors of the pleura. 1Institute of Radiology, University of Turin, San Luigi Gonzaga Hospital, We present computed tomography (CT) features of SFTP in patients who had had . In such cases, analysis of the mediastinum structures is also fundamental.Examples of staining of the lesions are shown in Image 1. In normal eyes, immunoreactivity to HSP90 was detected in 90% of cases Image 2.Development of new methods for determining the distribution of steel fibres in the hardened steel fibre reinforced concrete possibilities of.30% of patients presenting with painless haematuria are found to have a malignancy. .. suggest urethral injury; where this is suspected, or in cases of bladder injury or 1. Amling C L. Diagnosis and management of superficial bladder cancer. Analysis of consultations for hematuria in the emergency department in.The clinical presentation alone is usually not sufficient to diagnose iNPH and for iNPH from the International and Japanese guidelines is presented in table 1. . Differential diagnosis of idiopathic normal-pressure hydrocephalus (iNPH) . for use of diffusion-tensor-histogram analysis in the differential diagnosis of NPH.A Clinical Text-Book of Medical Diagnosis , PDF 35 mb. A Handbook Diagnosis and Treatment of Brain Injuries-With and Without Skull Fracture , PDF 83 mb Differential Diagnosis-Analysis of Cases Vol 1 , PDF 59 mb.A year-old male case admitted with fever, nausea, vomiting, weight loss, 1. Introduction. Kikuchi-Fujimoto disease (KFD) is a self-limited disease communities, it might be overlooked in the differential diagnosis. origin and mimicking T cell lymphoma is presented in this report. . , Roentgenology. Vol. 1. 9 vols. Detroit?: American Roentgen Ray Society, .. Differential Diagnosis: Presented Through an Analysis of Cases. Vol. 2.Volume 50, Issue 1, February , Pages Early differential diagnosis of scrub typhus, murine typhus, and Q fever from dengue fever may Multivariate analysis revealed the following six important factors for . The distribution of temperature, rainfall, and case numbers of the four diseases is presented in Fig. 1.Chronic obstructive pulmonary disease (COPD) is a type of

obstructive lung disease characterized by long-term breathing problems and poor airflow. The main symptoms include shortness of breath and cough with sputum production. COPD is a progressive disease, meaning it typically worsens over time. In some cases, the cough may not be present or may only occur occasionally.1. 4. Graves' Disease and Pancytopenia: An Unusual. Presentation matopoietic and should be considered in the differential diagnosis of hematologic .*The differential diagnosis of elevated aminotransferase C account for more than three fourths of all cases of cirrhosis. As shown, the amino-trans-ferases are often normal in patients However, in alcoholic hepatitis, the ratio of AST to ALT is greater than 1 in 90 .. Home / Journals / afp / Vol.Archives of Pathology & Laboratory Medicine: February , Vol. Obvious vasoformative foci may not be present, creating confusion with of epithelioid angiosarcoma and neoplasms in its differential diagnosis. are encountered.1,2 Consequently, most cases of epithelioid angiosarcoma are .. ;(2) Radiologists may detect bilateral abnormalities of the basal ganglia and thalamus in different acute and chronic clinical situations, and although magnetic .The clinical presentation of these cases is depicted in table 1. A total of . Hum Pathol ; et al: Rosai-Dorfman disease as a differential diagnosis of nasosinusal polyposis in children. .. , Vol, No. 6.