on the EN aetiology, the main symptoms were fever (in 38 patients), joint pain (in 41 patients), foot and leg oedema (in 44 patients). The duration of EN syndrome before beginning meloxicam was from 2 weeks to 4 months. During this period all the patients underwent therapy by various NSAIDs (mainly diclofenac, ketoprofen, indometacin), 4 patients by steroids, antibiotics. In all the patients the previous therapy was either non-effective or little effective. Using meloxicam as a monotherapy on the 2-nd, 3-d day of taking the drug resulted in normalisation of temperature, disappearance of joint pain and oedema, quick decreasing of EN even in those patients who had no effect from steroids. In 4 patients the attempt of cancelling meloxicam lead to relapse of EN, fever and joint pain, which demanded resuming of meloxicam treatment. 4 patients had an allergy in the form of skin eruption and itch. That's why meloxicam in those patients was cancelled in spite of a good effect. Meloxicam turned out to be ineffective in 2 patients. In 45 patients (95.7%) with pronounced EN, fever and oedema meloxicam showed great effectiveness.

Methods

Results

Conclusion

AB0086 OCCURRENCE OF GIANT CELL ARTERITIS UNDER METHOTREXATE THERAPY FOR RHEUMATOID ARTHRITIS

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Background There is controversy about methotrexate (MTX) as a therapy of giant cell arteritis (GCA).

Objectives The objective is to present a case who developed GCA during therapy with MTX in association with corticosteroids for rheumatoid arthritis.

Methods A 66-year-old-woman was diagnosed in 1998 as sero-negative rheumatoid arthritis involving knee, shoulder and wrist joints. ESR was 46 mm/1 h, synovial fluid contained 29 G/L leukocytes but no crystals were observed. The patient was treated with MTX at a weekly dose of 7,5 mg, dosage increased to 10 mg/week in February 2000. In addition, she received prednisone 5 mg per day. In November 2000 she started to feel some weakness and to suffer from frontal headaches. The ESR was 120 mm/1 h, CRP 121 mg/l and Hb 80 g/L. The biopsied right temporal artery, which was tender and indurated, demonstrated GCA. The internal elastic lamina was fragmented; there were infiltrates of histiocytes, lymphocytes and giant cells and the lumen was in some places occluded.

Results

Conclusion In this case, occurrence of GCA was not prevented by MTX therapy. This suggests that MTX at an average dose is probably insufficient to prevent or treat this disease.

AB0087 TAKAYASU'S ARTERITIS: REVIEW AND FOUR CLINICAL CASES

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Background Takayasu's arteritis is a rare disease, mainly affecting young women. The authors describe four cases of Takayasu's disease from the rheumatology outpatient clinic of Hospital de Santa Maria in Portugal. A revision of the disease is made concerning its clinical manifestations, laboratory, diagnosis, treatment and prognosis.

Objectives

Methods

Results All patients were female, three were white and one black. Beginning of symptoms was between 7 and 56 years, satisfying the American College of Rheumatology criteria for the classification of Takayasu's arteritis. The spectrum of presentation, disease activity and pace of disease progression were very variable. The delay between the onset of first symptoms and diagnosis was less than three years in three patients and twenty in the other. The first symptoms of disease were in two patients systemic reactions such as malaise, fever and anorexia, absent pulses in the lower limbs in another and claudication of the upper extremities in the last. Vascular ischaemic symptoms, hallmark of the disease, were present in the four patients and all of them had angiograms that involved visualisation of at least primary tributaries that showed lesions of the aortic arch and its branches. All patients needed corticosteroid treatment in the acute inflammatory phase of the disease. Cytotoxic agents were used in three of them and in two cases vascular surgery was done because of fear of occlusion of the involved vessels.

Conclusion Females and caucasian race predominated. The diagnosis of Takayasu's arteritis should be considered in the presence of symptoms of vascular ischemia such as pulse defects or signs of bruits and in the angiographic study. The prominence of inflammatory features antedating obvious symptoms often delayed diagnosis for substantial periods of time. Fever, myalgia/arthritis with no identified cause, elevated erythrocyte sedimentation rate, claudication, diminished or absent pulses, bruits, vascular pain and the typical angiographic features are criteria for disease activity. The mainstay of treatment is oral corticosteroids. They are very effective in controlling clinical manifestations and arresting disease progression and sometimes in achieving return of previously absent pulses. Cytotoxic therapy has been helpful in patients failing to respond to corticosteroids.

AB0088 PULSE CYCLOPHOSPHAMIDE THERAPY IN A PATIENT OF GIANT CELL ARTERITIS WITH DIPLOPIA DUE TO UNILATERAL ABDUCENS NERVE PALS

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Background Patients with giant cell arteritis (GCA) occasionally complain of double vision. The neurologic manifestations of the GCA are protean. All parts of the visual pathway from the cornea to the cortex have been described to be involved.

Objectives We described a patient of GCA with diplopia due to left abducens nerve palsy which was refractory to corticosteroid therapy initially and recovered with monthly pulse cyclophosphamide therapy five months later. To the best of our knowledge this is the first case described in the medical literature to be treated with monthly pulse intravenous cyclophosphamide and to achieve a successful outcome.

Methods

Results

Conclusion Giant cell arteritis should be considered in the differential diagnosis of patients with ocular manifestations. Prompt diagnosis and treatment are required if second eye involvement and blindness are to be prevented.

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AB0089 BEHCET'S DISEASE IN AN ARAB COMMUNITY IN ISRAEL

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Background The prevalence of Behcet's disease (BD) varies in different parts of the world.

Objectives To evaluate the prevalence of BD in an Israeli Arab town (Taibe).

Methods Questionnaires about the occurrence and frequency of aphthous ulcers were distributed randomly to the parents of children attending a Paediatric Clinic in Taibe. The parents were asked whether they or any of their children aged over 10 years suffered from recurrent aphthous stomatitis (RAS), and if so, any who had had more than four episodes during the previous year where each episode had lasted for more than 7 days were invited to come for an extensive interview and examination by a rheumatologist or a paediatrician.

Results Overall, six individuals (one male and five females) were diagnosed as suffering from BD. All of these, two of whom were siblings (a brother and a sister) had RAS, genital ulcers and joint manifestations. Five had skin and four had visual involvement, and one out of two had a positive pathergy test. Five of the six carried HLA-B5 antigens. This gave a prevalence in Taibe of 12/10,000.

Conclusion The prevalence of BD found in our survey is high and concurs with that found in other Mediterranean and Asian countries where a high prevalence has also been noted.

AB0090 IS THERE ANY ROLE OF ANTI-ANNEXIN V AUTOANTIBODIES IN THE THROMBOTIC EVENTS OF BEHCET'S SYNDROME

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Background Is there a role for anti-phospholipid-binding protein antibodies in the pathogenesis of thrombosis in Behcet's disease?

Objectives We have proposed that thrombosis in the Behcet's syndrome may be due to the disruption of the annexin-V shield by antiphospholipid antibodies. Measurement of anti-annexin V antibodies may be of value in confirming the diagnosis and in evaluating risk of venous and arterial thrombosis in patients with Behcet's syndrome.

Methods In group one 26 patients with Behcet's with well documented thrombosis, in group two 27 patients with Behcet's without thrombosis and in group three 27 healthy controls are included in the study. Sera were examined for both IgG and IgM anti-annexin V antibodies by ELISA. (American Diagnostica, IMUCLONE® Anti-Annexin V, IgG and 1 gM (#652G and #652M)).

Results Quantitative ELISA test results were used for statistical purpose. Statistical analysis was done with using Oneway Anova tests under the SPSS 9.0 for Windows software package. There were no statistical difference between groups for both IgM and IgG anti-annexin V antibody ELISA test results. Results were as follows:

Abstract AB0090 Table 1

	Numbers	IgM (+)	IgM (Grey Zone)	IgM (-)	IgG (+)	IgG (Grey Zone)	IgG (-)
Group 1	26	3	12	11	8	9	9
Group 2	27	2	10	15	5	12	10
Group 3	27	1	12	14	5	8	14
Total	80	6	34	40	18	29	33

Conclusion These results indicated that these antibodies may not be associated with the pathogenesis of thrombotic events of the patients with Behcet's syndrome.

IgG anti-annexin V antibodies were detected in 5 of 27 healthy subjects (18%).

Compare to previous study results this may indicate the possibility of high prevalence of IgG anti-annexin V antibodies in the healthy Turkish population.

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AB0091 PULMONARY TAKAYASU'S ARTERITIS MIMICKING ACUTE PULMONARY EMBOLISM

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Background Pulmonary Takayasu's arteritis may sometimes be the initial presentation of Takayasu's arteritis. Cases of pulmonary TA mimicking chronic thromboembolism have been reported.^{1–4} However, only two brief reports of Takayasu's arteritis mimicking acute pulmonary embolism have been described in the radiology and pathology literature,^{1,4} but none mentioned the exact duration of symptoms or the detailed presentation. We describe a patient of Takayasu's arteritis who presented with pulmonary symptoms of three days duration, which mimicked acute pulmonary embolism.

Objectives

Methods

Results The patient presented with a three-day history of cough and shortness of breath and had multiple bilateral perfusion