EMLA produced this effect every time (almost daily) the cream was applied without lowering of analgesia time during the days of observation as inpatient.

The level of analgesia achieved after EMLA removal was enough for pin-prick anaesthetia. In the follow-up, 3 months later, the EMLA effect on our patient's pain was unchanged. In this period EMLA was discontinued and a placebo cream was applied like EMLA for 10 days, during which the patient had no benefit: under pin-prick test the patient could determine where (right-left) EMLA-placebo had been applied.

DISCUSSION

The effectiveness of intravenous lidocaine in delaying the frequency of DD pain fits, as well as lowering it, has not been proved in our patient because of the adverse psychic side-effects (sexual dither, awkward especially for a nun, even after the infusion of 200 mg) that added to cardiocirculatory ones peculiar to the drug.

Cushing syndrome appeared shortly after the beginning of the treatment with corticosteroid, and the poor effectiveness of the treatment itself led to its interruption. Only application under occlusion of EMLA brought transitory (about 3 h) relief to the patient.

The risk of sensitization to prolonged application of a drug on the skin in a chronic disease, the width of the area under treatment and the following hazard of methaemoglobinemia (6,7) meant that, in this particular case, use of this anaesthetic emulsion was restricted to the moments of maximum pain intensity.

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Cutaneous Leishmaniasis: An Old Disease with a New Face

Sir,

There is a world-wide resurgence of interest in leishmaniasis both as an endemic disease of high morbidity in many countries of the Middle East and as an investigative tool of host-parasite interactions. The overall picture of the disease has been changing in several aspects. Indeed, new clinical patterns and novel discoveries on the vector front have expanded the spectrum of the disease and broadened its etiological basis. Thus, a species like Leishmania tropica, long considered responsible for purely cutaneous disease, has recently been reported to cause visceral illness in veterans of operation "desert storm" (1).

In Lebanon and during the 15-year civil strife, the exodus of non-immunized citizens into rural areas and neighboring endemic countries across the Middle East accounts for the change noted over the past years in the clinical presentations and the concomitant histological manifestations.

We describe 3 patients in whom the clinical and histological features are underscored.

CASE REPORTS

Case 1

A 57-year-old man complained of two skin lesions located close to the outer canthus of the right eye, of 2 months' duration. Each was a 1-cm erythematous nodule with an atrophic center and pearly telangiectatic borders (Fig. 1).

Fig. 1. Acute cutaneous leishmaniasis simulating basal cell carcinoma.

Case 2

A 53-year-old man complained of erythematous infiltrated plaques with surface scaling and erosions over the elbows bilaterally (Fig. 2). The lesions were of 4 months' duration and were gradually increasing in size. The patient had travelled to Syria, an endemic country, prior to the onset of the skin lesions.

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Fig. 2. Acute cutaneous leishmaniasis mimicking eczematous dermatitis.

Fig. 3. Grouped sporotrichoid lesions of acute cutaneous leishmaniasis.

Case 3
A 68-year-old woman complained of multiple clustered erythematous nodules with a crateriform center over the left foot (Fig. 3). One similar lesion was present over the right foot. The lesions were of 8 months' duration. She reported travel to Syria.

Skin biopsy specimens were obtained from the 3 patients. All had a granulomatous dermatitis with numerous Leishman bodies, features typical of acute cutaneous leishmaniasis (2). In one case, there was a striking perineural lymphohistiocytic inflammatory infiltrate with relative swelling of the nerve twig.

DISCUSSION
All 3 patients were healthy and presumably immunocompetent. They had no signs or symptoms to suggest visceral disease. The clinical differential diagnoses of these patients included basal cell carcinoma, eczematous dermatitis, prurigo and other infectious granulomas.

The prototype lesion of cutaneous leishmaniasis (Old World leishmaniasis), the "oriental sore", is mainly seen in the native population, while a variety of clinical patterns are recognized in visitors to an endemic area depending on the host-parasite-vector interactions (3–5). For example, cutaneous leishmaniasis can assume a sporotrichoid pattern due to spread of the infection along the lymphatic vessels draining the area, as was observed in one of our patients (6).

In addition, an interesting finding in one of our patients was the presence of a perineural mononuclear infiltrate. The nerve was not infiltrated by the inflammatory cells, and this feature may have been observed within an area where dense inflammation occurred. Yet, the affinity of leishmaniasis for neural tissue or "neurotropism" has recently been reported (7,8). This is an important manifestation that should be recognized, as it may be confused with leprosy, especially since these two diseases often occur in the same country.

On the vector front a novel peptide called maxadilan has recently been isolated from the salivary glands of the sand fly Lutzomyia longipalpis (9). This peptide has a very potent vasodilatatory activity and may in addition have immunosuppressive properties. These combined biological effects of maxadilan allow the sandfly to be successful in obtaining a blood meal and help in the establishment in tissue of the Leishmania parasites, which reside in the salivary glands of the sandfly.

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