episodes of generalized tonic clonic seizures. On examination, she had pallor, edema, oral ulcers and alopecia. She had distinct atypical targetoid lesions, diffuse erythematous rashes with denuded skin all over the face, trunk and extremities (involving >65% body surface area). There were bullae with positive Nikolsky sign. Deep tendon reflexes were brisk. Rest of the systemic examination was unremarkable.

Hemogram showed severe anemia, thrombocytopenia, lymphopenia and high erythrocyte sedimentation rate. Liver and kidney function tests were normal. Urinalysis showed subnephrotic range proteinuria. Antiphospholipid antibody workup (anti-cardiolipin IgG and IgM, 2 Glycoprotein I IgG and IgM, and lupus anticoagulant) was negative. Direct Coombs test was positive. Antinuclear antibody test by immunofluorescence was positive (4+homogeneous with rim enhancement). Anti-DsDNA antibodies tested positive by both enzyme linked immunosorbent assay as well as by immunofluorescence.

Skin biopsy showed full thickness epidermal necrosis. Magnetic resonance imaging (MRI) brain revealed presence of cerebral atrophy with multiple small infarcts suggestive of vasculitic changes. On the basis of clinical and laboratory findings, a diagnosis of SJ/S/TEN in context of childhood onset lupus was proffered. She was treated with intravenous immunoglobulin, pulse methylprednisolone, antimicrobials and anti-convulsants along with supportive care. The child, however, succumbed to her illness.

Conclusions SJ/S/TEN may, at times, be the presenting feature of childhood lupus. The etiology of SJ/S/TEN in this patient is conjectural but is unlikely to be drug induced given the time course of events.

Funding Source(s): NIL.

FEELING THE BENEFIT: LUPUS AND THE WORLD OF WELFARE

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Background This study explores peoples experiences of living and working with SLE whilst simultaneously navigating the contemporary UK welfare system. It is established that SLE is associated with high levels of workplace disability and early retirement from employment, requiring financial support. There is little literature about the experience of claiming benefits whilst living with a fluctuating, invisible medical condition, particularly in young people. Lupus is an exemplar of conditions which affect people in their most productive working years, treatable but not curable, which has profound effects on both educational and employment opportunities.

Methods A cross sectional online qualitative study was carried out of people aged 18 and over who were resident in the UK, with a self-reported diagnosis of lupus, through the LUPUS UK website. Participants responded to questions focusing on their experience of working and/or claiming benefits. Employment data is presented elsewhere. Participants were asked to to quantify (with numerical rating scales) (i) psychological distress associated with income loss resulting from lupus, (ii) the proportion of income lost (iii) any fear experienced of being unable to sustain future employment (iv) levels of anxiety generated by engaging with the benefits system. There was space to describe these experiences and for additional information of the participants choice.

Funding Source(s): No external funding required.

LOW HAPTOGLOBIN LEVEL IN LUPUS WITHOUT HEMOLYSIS

Homa Timlin. Johns Hopkins

Background Low haptoglobin indicates hemolysis in lupus patients. We present a lupus patient who was found to have low haptoglobin levels in the absence of other evidence of hemolysis.

Methods Chart review.

Results A 44-year-old Caucasian woman was diagnosed with lupus about 11 years ago, characterized by positive ANA, anti-dsDNA, anticardiolipin antibodies, anti-beta-2 glycoprotein, Direct Coombs, hypocomplementemia, alopecia, arthralgia, arthritis, photosensitive skin rash, serositis, mucosal ulcer, and livedo. She was treated with hydroxychloroquine, steroids, and Imuran. During her first visit in our center, she was found to have mild alopecia and subtle synovitis of 2 small joints. She was taking hydroxychloroquine 400 mg. The hematocrit was 34 (up from 30–31, 3 months prior to the visit and 3 months after the visit), haptoglobin 41 mg/dL (normal 43–212 mg/dL), absolute reticulocyte count of 73 000/mm³ (normal 20000–80000), negative Direct Coombs, low positive anti-dsDNA of 15 (negative <4 IU/ml), low C3 of 72 mg/dL (normal 90–180), normal C4 of 17 mg/dL (normal 16–47), platelet counts of 147000 (140000–400000/μL), normal WBC (3 months prior to the visit and 3 months after the visit), normal urine protein creatinine ratio of 99 mg/g creatinine (normal 21–161), normal liver function test (one month prior and 3 months after the visit), and CRP was normal (<0.1 mg/dL).

Conclusions Further research is needed to detect anti-haptoglobin antibodies in lupus patients and elucidate the mechanism underlying these findings.

Funding Source(s): Non.