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- 1 TI - Destructive fibrosis [editorial].
LA - Eng
MH - Connective Tissue/*pathology ; Dupuytren's Contracture/etiology
MH - Human ; Muscular Diseases/pathology
MH - Scleroderma, Systemic/etiology ; Wound Healing
SO - Br Med J 1977 26 Mar;1(6064):792-3
- 2 TI - Graft-versus-host reactions and autoimmune disease [editorial]
LA - Eng
MH - Adolescence ; Autoimmune Diseases/*etiology ; Child ; Female
MH - *Graft vs Host Reaction ; Human ; Male
MH - Scleroderma, Systemic/etiology
SO - Lancet 1978 4 Mar;1(8062):488-1
- 3 AU - Barski V L
TI - [Latent forms of osteomyelitis in children and collagen diseases]
LA - Rus
MH - Adolescence ; Arthritis, Rheumatoid/*etiology ; Child
MH - Child, Preschool ; English Abstract ; Human
MH - Osteomyelitis/*complications/diagnosis
MH - Rheumatic Heart Disease/*etiology
MH - Scleroderma, Systemic/*etiology
SO - Khirurgiya (Mosk) 1978 Dec;12:51-5
- 4 AU - Bouvet JP ; Le Parc JM ; Auquier L
TI - [Metastasi chordoma with extensive cutaneous sclerosis]
LA - Fre
MH - Adult ; Case Report ; Chordoma/*complications/pathology ; Human
MH - Male ; Neoplasm Metastasis
MH - Scleroderma, Systemic/*etiology/pathology ; Skin/pathology
MH - Spinal Neoplasms/*complications/pathology
SO - Ann Med Interne (Paris) 1977 Nov;128(11):877-81
- 5 AU - Browse NL
TI - Natural fibrinolysis.
LA - Eng
MH - *Fibrinolysis/drug effects ; Human
MH - Scleroderma, Circumscribed/etiology ; Thrombophlebitis/etiology
SO - Am Heart J 1978 Apr;95(4):417-9
- 6 AU - Dalziel JA ; Wilcock GK
TI - Progressive systemic sclerosis in the elderly.
LA - Eng
AB - There is evidence to suggest that the incidence of progressive systemic sclerosis in the elderly is more common than in younger age groups. As in younger patients, late onset cases may have minimal skin changes and this can cause difficulty in diagnosis. The case histories of 2 patients are presented to illustrate these points.
MH - Aged ; Case Report ; Female ; Human
MH - Raynaud's Disease/complications
MH - Scleroderma, Systemic/*diagnosis/etiology

- SO - Postgrad Med J 1979 Mar;55(641):192-3
- 7 AU - Dobzhanski I SI
TI - [Familial cases of scleroderma]
LA - Rus
MH - Adult ; Case Report ; Child ; English Abstract ; Female ; Human
MH - Scleroderma, Circumscribed/etiology/*familial & genetic
MH - Scleroderma, Systemic/etiology/*familial & genetic
SO - Vestn Dermatol Venerol 1979 May;(5):40-2

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- SO - Postgrad Med J 1979 Mar;55(641):192-3
- 7 AU - Dobzhanski SI
TI - [Familial cases of scleroderma]
LA - Rus
MH - Adult ; Case Report ; Child ; English Abstract ; Female ; Human
MH - Scleroderma, Circumscribed/etiology/*familial & genetic
MH - Scleroderma, Systemic/etiology/*familial & genetic
SO - Vestn Dermatol Venerol 1979 May;(5):40-2
- 8 AU - Fenyk JR Jr ; Smith CM ; Markentin PI ; Krivit W ; Goltz RH
AU - Neely JE ; Nesbit ME ; Ramsay NK ; Coccia PF ; Kersey JH
TI - Sclerodermatous graft-versus-host disease limited to an area of measles exanthem.
LA - Eng
AB - A female patient with severe idiopathic aplastic anaemia received a successful bone-marrow transplant from her HLA-identical, mixed-lymphocyte-culture-compatible, brother. 8 months after transplantation she had localised cutaneous measles. Chronic sclerodermatous changes developed which were indistinguishable from chronic graft-versus-host disease and were limited to the areas of the original exanthem. Interaction between viral infection and minor histocompatibility differences probably resulted in graft-versus-host disease in this patient.
MH - Adolescence ; Anemia, Aplastic/therapy
MH - Bone Marrow/*transplantation ; Case Report ; Female
MH - *Graft vs Host Reaction ; Human ; Lymphocytes/immunology ; Male
MH - Measles Virus/immunology ; Measles/*immunology
MH - Postoperative Complications/*etiology
MH - Scleroderma, Systemic/*etiology ; Skin/immunology
MH - Transplantation, Isogenic ; Support, U.S. Gov't, Non-P.H.S.
SO - Lancet 1978 4 Mar;1(8062):472-3
- 9 AU - Fessel WJ
TI - Scleroderma and welding [letter].
LA - Eng
MH - Adult ; Female ; Human ; Male ; Occupational Diseases/*etiology
MH - Scleroderma, Systemic/*etiology ; *Welding
SO - N Engl J Med 1977 30 Jun;296(26):1537
- 10 AU - Fries JF
TI - The microvascular pathogenesis of scleroderma: an hypothesis.
LA - Eng
MH - Human ; Hypertension/*complications/physiopathology
MH - Microcirculation/*physiopathology
MH - Scleroderma, Systemic/*etiology/physiopathology
SO - Ann Intern Med 1979 Nov;91(5):788-9

- 11 AU - Furst DE ; Clements PJ ; Graze P ; Gale R ; Roberts N
 TI - A syndrome resembling progressive systemic sclerosis after bone marrow transplantation. A model for scleroderma?
 LA - Eng
 AB - Six long term survivors of bone marrow transplants developed a syndrome similar to progressive systemic sclerosis (PSS). Cutaneous involvement (6/6), pulmonary disease (6/6), musculoskeletal involvement (4/6), keratoconjunctivitis/positive Schirmer's test (4/6), Raynaud's phenomenon (2/6), and renal and cardiac disease (1/6) were similar to findings in PSS patients. T and B lymphocyte counts and functions were also similar. This PSS-like syndrome, including visceral involvement, after bone marrow transplantation lends support to an immunologic hypothesis of the pathogenesis of progressive systemic sclerosis.
 MH - Antigen-Antibody Complex ; B Lymphocytes/immunology
 MH - Bone Marrow/*transplantation ; Creatinine/urine
 MH - Graft vs Host Reaction ; Human ; Scleroderma, Systemic/*etiology
 MH - T Lymphocytes/immunology
 MH - Transplantation, Homologous/*adverse effects
 MH - Support, U.S. Gov't, P.H.S.
 SO - Arthritis Rheum 1979 Aug;22(8):904-10
- 12 AU - Gallasch G ; Gloor M ; Schröder J
 TI - [Clinical aspects of pelvic stenosis syndrome (Schneider-Fischer)]
 LA - Ger
 AB - Six cases with postthrombotic obstruction of the pelvic veins are reported. These case reports demonstrate the variability of the clinical symptomatology. In addition relationships between the postthrombotic obstruction of the pelvic veins and hemorrhoids and varicocele are discussed. Therapeutical aspects are reviewed.
 MH - Adult ; Aged ; Bandages ; Case Report ; English Abstract ; Female
 MH - Femoral Vein ; Hemorrhoids/complications ; Human ; Iliac Vein
 MH - Leg Ulcer/*etiology ; Male ; Middle Age ; Pelvis
 MH - Scleroderma, Circumscribed/*etiology
 MH - Sclerosing Solutions/therapeutic use
 MH - Thrombophlebitis/*complications ; Varicocele/*etiology
 MH - Varicose Veins/*etiology ; Vena Cava, Inferior
 SO - Hautarzt 1978 Aug;29(8):430-4
- 13 AU - Bottwald M
 TI - [Neurologic, neurophysiologic, neuropathologic and psychiatric aspects of scleroderma. (1st. continuation and conclusion)]
 LA - Ger
 MH - Adolescence ; Adult ; Atrophy ; Electroencephalography
 MH - Epilepsy/*etiology ; Face/pathology ; Female ; Human ; Male
 MH - Mental Disorders/diagnosis/*etiology ; Middle Age
 MH - Neurologic Manifestations ; Peripheral Nerves/pathology
 MH - *Scleroderma, Systemic/complications/*etiology/pathology
 MH - Wounds and Injuries/complications
 SO - Z Hautkr 1977 1 Apr;52(7):399-412

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- 14 AU - Gupta S ; Malaviya AN ; Rajagopalan P ; Good RA
TI - Subpopulations of human T lymphocytes. IX. Imbalance of T cell subpopulations in patients with progressive systemic sclerosis.
LA - Eng
AB - Peripheral blood lymphocytes from twenty patients with progressive systemic sclerosis (PSS) were analysed for the numbers and proportions of B lymphocytes possessing surface immunoglobulin, cells with Fc receptors, T cells and T cells with receptors for IgM (T mu) or IgG (T gamma). In patients with PSS, B cells and lymphocytes with Fc receptors were comparable in both numbers and proportions to those of the control group. Circulating T lymphocytes were significantly fewer in the patient group. T mu cells were decreased and T gamma cells increased, resulting in lower T mu/T gamma ratios as compared to controls. This study demonstrates a profound imbalance between T mu and T gamma cells (containing a population of helper or suppressor cells, respectively). These results are discussed in relation to immunodeficiencies observed in patients with PSS.
MH - Animal ; B Lymphocytes ; Female ; Human ; IgG ; Immunity, Cellular
MH - Leukocyte Count ; Lymphocytes ; Male ; Rabbits ; Receptors, Fc
MH - Scleroderma, Systemic/etiology/*immunology
MH - T Lymphocytes/*classification ; Support, U.S. Gov't, P.H.S.
SO - Clin Exp Immunol 1979 Nov;38(2):342-7
- 15 AU - Herbal S
TI - Scleroderma (progressive systemic sclerosis, PSS); pathophysiological, clinical and pharmacological aspects of the syndrome.
LA - Eng
AB - Scleroderma is an uncommon complex disease. The onset is slow and the progress is chronic. The main pathophysiological changes vary; they affect blood vessels, connective tissue, collagen fibres, cause fibrin deposition and inflammatory reactions. There may be early oedema and a wide spectrum of organic involvement. Clinically, all the fibril-containing and connective tissue organs can be attacked in various degrees. The most common organ manifestations are the Raynaud's phenomenon in the arms and hands, vascular fibrosis, stiff and hard facial skin, restriction of joint movement by pericapsular hardening, calcium deposition and capsular rigidity. In the gastrointestinal tract muscle atrophy, collagen and connective tissue damage are common, especially at the cardia. Malabsorption may occur. Progressive pulmonary fibrosis leads to cor pulmonale and respiratory insufficiency. The liver, kidneys and the endocrine glands are, however, seldom involved. Therapeutic trials have been performed using many different groups of drugs: vasodilating agents, corticosteroids, drugs found experimentally to influence connective tissue, thyroxine and a variety of anti-rheumatic agents. In the last decade best short-term clinical results have been achieved with penicillamine, some vasodilators, chlorambucil and in recent years with cyclofenil a potent anti-oestrogen, which has marked connective tissue and collagen metabolism

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influencing properties. Good therapeutic effects without serious side effects have been achieved.

- MH - Cyclofenil/therapeutic use ; Human ; Male ; Middle Age
 - MH - Penicillamine/therapeutic use
 - MH - Scleroderma, Systemic/*drug therapy/etiology/pathology
 - MH - Skin/pathology
 - SO - Acta Med Acad Sci Hung 1976;35(3-4):201-11
- 16 AU - Hermier M ; Micolle JP ; Batend B ; Hermier C ; Perrot H
- AU - Francois R
- TI - [An case of acute diffuse scleroderma in an infant]
- LA - Fre
- AB - The authors report a case of diffuse scleroderma in a 15 months old infant. Dermatologic (clinical and pathological) findings are quite typical of the disease. On the other hand, in this case some particularities were observed: the age of the infant (second published case beginning before the age of two); the presence of a durable eosinophilia, the absence of visceral lesions and of biological abnormalities (of auto-immune nature specially), the evolution towards atrophica and death within one year. Thus, because of these particularities, the diagnosis of scleroderma remains questionable and the diagnosis of progeria has been considered. The affection appeared in the course of a hepatitis leaving a hepatic fibrosis without inflammatory signs; no conclusion can be drawn about the relations between the hepatic affection and the fatal dermatologic disease.
- MH - Acute Disease ; Case Report ; Diagnosis, Differential
 - MH - English Abstract ; Eosinophils ; Female ; Hepatitis/complications
 - MH - Human ; Infant ; Progeria/diagnosis
 - MH - Scleroderma, Systemic/diagnosis/etiology/*pathology
 - SO - Ann Dermatol Venereol 1977 Nov;104(11):725-30
- 17 AU - Horwitz O
- TI - Raynaud's disease and scleroderma [letter]
- LA - Eng
- MH - Human ; Raynaud's Disease/*complications
- MH - Scleroderma, Systemic/*etiology
- SO - JAMA 1979 27 Apr;241(17):1794
- 18 AU - Karl H
- TI - [Schneider's and Fischer's pelvic stenosis syndrome (case 27)]
- LA - Ger
- MH - Adult ; Case Report ; Hemosiderosis/etiology ; Human
- MH - Inguinal Canal ; Male ; Pelvis/blood supply
- MH - Scleroderma, Circumscribed/etiology
- MH - Thrombophlebitis/*complications ; Varicose Veins/etiology
- SO - Z Hautkr 1977 1 Aug;52(15):621-2

- 19 AU - Kaplan D
TI - [Scleroderma--a vascular disease]
LA - Rus
MH - Blood Vessels/physiopathology ; Human ; Intestines/blood supply
MH - Kidney/blood supply ; Lung/blood supply
MH - Muscle, Smooth/physiopathology
MH - Raynaud's Disease/*complications/physiopathology
MH - Scleroderma, Systemic/*etiology ; Skin/blood supply
MH - Stomach/blood supply
SO - Ter Arkh 1978;50(9):102-4
- 20 AU - Lawley TJ ; Peck GL ; Moutsopoulos NM ; Gratwohl AA
AU - Deisseroth AB
TI - Scleroderma, Sjogren-like syndrome, and chronic graft-versus-host disease.
LA - Eng
AB - A patient with acute myelogenous leukemia treated with an allogeneic bone marrow transplant developed acute graft-versus-host disease manifested by severe diarrhea, hepatitis, and a cutaneous eruption. As the graft-versus-host disease progressed to the chronic phase, the patient developed marked cutaneous sclerosis and symptoms of xerophthalmia and xerostomia. Biopsy of his indurated skin showed features of both graft-versus-host disease and scleroderma. Results of Schirmer's tests, corneal fluorescent studies, parotid flow-rate testing, and a lip biopsy were consistent with Sjogren's syndrome. Possibly, activated lymphocytes may have a role in the pathogenesis of graft-versus-host disease, scleroderma, and Sjogren's syndrome.
MH - Adult ; Bone Marrow/transplantation ; Case Report
MH - Chronic Disease ; *Graft vs Host Reaction ; Human
MH - Leukemia, Myeloblastic/therapy ; Male
MH - Scleroderma, Circumscribed/*complications/etiology/pathology
MH - Sjogren's Syndrome/*complications/etiology
MH - Transplantation, Homologous/adverse effects
SO - Ann Intern Med 1977 Dec;87(6):707-9
- 21 AU - Lebedev DA
TI - Some possible mechanisms in pathogenesis of systemic scleroderma
LA - Rus
MH - Cell Membrane/metabolism ; Collagen/metabolism ; English Abstract
MH - Human ; Scleroderma, Systemic/*etiology/metabolism
SO - Ter Arkh 1977;49(11):126-30
- 22 AU - Mattingly PC ; Mowat AB
TI - Rapidly progressive scleroderma associated with carcinoma of the oesophagus.
LA - Eng
AB - A patient with scleroderma of recent onset was found to have a carcinoma of the oesophagus. The rapid progression of the scleroderma suggested the possibility that it represented a systemic manifestation of malignancy.

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- MH - Aged ; Carcinoma, Squamous Cell/*complications ; Case Report
MH - Esophageal Neoplasms/*complications ; Female ; Human
MH - Scleroderma, Systemic/*etiology
SO - Ann Rheum Dis 1979 Apr;38(2):177-8
- 23 AU - Mistry CJ ; Magholikar UL ; Deshpande AK ; Chitale SV
TI - Primary systemic amyloidosis presenting as scleroderma: (a case report).
LA - Eng
MH - Amyloidosis/*complications/pathology ; Case Report
MH - Diagnosis, Differential ; Human ; Male ; Middle Age
MH - Scleroderma, Systemic/*etiology
SO - J Assoc Physicians India 1978 May;26(5):451-2, x
- 24 AU - Montes LF ; Gay S ; Miller EJ ; Fullmer NM
TI - Scleroderma.
LA - Eng
MH - Adult ; Case Report ; Female ; Human
MH - Scleroderma, Circumscribed/complications/*pathology
MH - Scleroderma, Systemic/*etiology ; Skin/pathology
SO - J Cutan Pathol 1978 Jun;5(3):150-1
- 25 AU - Penny R
TI - Scleroderma: pathogenic factors and current management.
LA - Eng
AB - The aetiology of scleroderma remains unknown. Pathogenetic mechanisms may originate from vascular, collagen or immune abnormalities. These are reviewed and the current management although in the main unsatisfactory may alleviate a number of the distressing symptoms.
MH - Blood Vessels/pathology/physiopathology ; Blood Viscosity
MH - Collagen/metabolism ; Human ; Microcirculation ; Review
MH - Scleroderma, Systemic/*etiology/immunology/pathology
physiopathology/therapy ; Skin/metabolism/pathology
SO - Aust NZ J Med 1978;8 Suppl 1:143-8
- 26 AU - Rassokhina PP ; Lebedev DA ; Panasiuk AF ; Grozdova MD
AU - Iakovleva GI
TI - [Current state of the problem of pathogenesis of systemic scleroderma]
LA - Rus
MH - Acute Disease ; Cell Membrane/metabolism ; Chronic Disease
MH - Collagen/biosynthesis ; English Abstract ; Epinephrine/metabolism
MH - Human ; Microscopy, Electron ; Norepinephrine/metabolism
MH - Receptors, Adrenergic/metabolism ; Scleroderma, Systemic/*etiology
MH - Skin/pathology/ultrastructure
SO - Ter Arkh 1979;51(7):114-8

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- 27 AU - Richter W ; Justus J
TI - [Sclerodermiform paraneoplastic syndrome during a kidney carcinoma]
LA - Ger
AB - Sclerodermiformous alterations of the skin are described as paraneoplasia in different malignant tumours. By an own observation sclerodermiformous alterations of the skin are described for the first time as paraneoplasia in a female patient aged 60 with nephrous carcinoma. The cutaneous efflorescences receded after elimination of the tumour.
MH - Case Report ; English Abstract ; Female ; Human
MH - Kidney Neoplasms/*complications/pathology/surgery ; Middle Age
MH - Postoperative Complications/radiotherapy
MH - Scleroderma, Systemic/*etiology/pathology
SO - Z Gesamte Inn Med 1978 15 Mar;33(6):193-5
- 28 AU - Sahl MJ
TI - Koebner phenomenon, morphea, and viral exanthems [letter]
LA - Eng
MH - Case Report ; Chickenpox/*complications ; Child
MH - Exanthema/*complications ; Female ; Graft vs Host Reaction ; Human
MH - Scleroderma, Circumscribed/*etiology
SO - Lancet 1978 15 Apr;1(8068):832
- 29 AU - Sandhofer M ; Fritz J ; Altmann H
TI - [Scleroderma, an ageing process? I. Clinical and immunological aspects (author's transl)]
LA - Ger
AB - Scleroderma with its different manifestations is mainly a disease of connective tissue and of vascular system. Next the alteration to collagen, which is demonstrable in lesions by decrease of embryonal collagen type III, there are also humoral and cellular phenomena of autoimmunity. In more than 70% of our patients we found antinuclear antibodies, and in most of them, we found with the leukocytemigration--inhibition-test cellular immunophenomenons to RNA, collagen and muscle. There is a small connection between ageing and immunological defense and repair, accordingly of immunocytes and fibroblasts. Further more precise characterization of this cell-compartments under the aspect of a premature ageing could bring a new understanding in the largely unknown etiopathogenesis of scleroderma.
MH - *Aging ; Antinuclear Factors/analysis ; Cell Migration Inhibition
MH - Collagen/metabolism ; English Abstract ; Female ; Human ; Immunity
MH - Leukocytes ; Middle Age ; RNA/immunology
MH - Scleroderma, Circumscribed/physiopathology
MH - Scleroderma, Systemic/etiology/immunology/*physiopathology
SO - Aktual Gerontol 1977 Dec;7(12):645-51

- 30 AU - Simon M ; Berk'o G ; Schneider I ; Sikl'osi C ; K'osz'o F
TI - [Hepato-erythropoietic porphyria manifested by scleroderma and
acrosclerosis in a pair of siblings]
LA - Hun
MH - Case Report ; Female ; Karyotyping ; Liver/pathology ; Male
MH - Middle Age ; Porphyria/complications/*familial & genetic/pathology
MH - Scleroderma, Systemic/etiology/*familial & genetic/pathology
MH - Skin/pathology
SO - Orv Hetil 1977 27 Mar;118(13):731-5
- 31 AU - Simon N ; Berk'o G ; Schneider I
TI - Hepato-erythropoietic porphyria presenting as scleroderma and
acrosclerosis in a sibling pair.
LA - Eng
AB - Clinical and biochemical data are reported on a sibling pair with
clinical and biochemical features of both erythropoietic
protoporphyrria and hepatic cutaneous porphyria. After many years
of photosensitivity the clinical picture resembles systemic
sclerosis.
MH - Case Report ; Diagnosis, Differential ; *Erythropoiesis ; Female
MH - Human ; Liver/*metabolism ; Male ; Middle Age
MH - Porphyria/*diagnosis/familial & genetic/metabolism
MH - Scleroderma, Systemic/*etiology
SO - Br J Dermatol 1977 Jun;96(6):663-6
- 32 AU - Spielvogel RL ; Goltz RM ; Kersey JH
TI - Scleroderma-like changes in chronic graft vs host disease.
LA - Eng
AB - A case of chronic graft vs host disease had scleroderma-like skin
changes. Clinical progression was from poikiloderma to
scleroderma, and histopathological changes and results of direct
immunofluorescence were noted. It is probable that both
cell-mediated (T-cell) and humoral (B-cell) mechanisms contribute
to the pathogenesis of the graft vs host reaction.
MH - Adolescence ; Bone Marrow/transplantation ; Case Report
MH - Chronic Disease ; Complement 3 ; Female ; *Graft vs Host Reaction
MH - Human ; IgA ; IgM ; Male
MH - Scleroderma, Systemic/etiology/immunology/*pathology
MH - Transplantation, Homologous ; Support, U.S. Gov't, P.H.S.
SO - Arch Dermatol 1977 Oct;113(10):1424-8
- 33 AU - Spiner Z ; Ilie B ; Pick IA ; Yaron M
TI - Localized scleroderma following varicella in a three-year-old
girl with IgA deficiency.
LA - Eng
AB - A three-year-old girl with isolated IgA deficiency developed
localized scleroderma immediately after varicella infection.
Physiotherapy was started without any drug therapy. Only a
minimal clinical improvement was achieved. The connection between
IgA deficiency, viral infection and collagen diseases is
discussed.
MH - Case Report ; Chickenpox/*complications ; Child, Preschool

- MH - Dysgammaglobulinemia/*complications ; Female ; Human
 MH - IgA/*deficiency ; Scleroderma, Circumscribed/*etiology/pathology
 MH - Skin/pathology
 SO - Acta Paediatr Scand 1979 Sep;68(5):783-5
- 34 AU - Stachow A
 TI - [Role of tryptophan metabolism in the pathogenesis of systemic scleroderma and pseudosclerodermic conditions]
 LA - Pol
 MH - Adolescence ; Adult ; Aged ; Child ; Child, Preschool
 MH - Comparative Study ; Human ; Infant ; Intestinal Absorption
 MH - Middle Age ; Scleroderma, Systemic/*etiology
 MH - Serotonin/metabolism ; Tryptamines/metabolism
 MH - Tryptophan/*metabolism
 SO - Przegl Dermatol 1979 Nov-Dec;66(6):727-9
- 35 AU - Stachow A ; Jablonska S ; Skindzielewska A
 TI - 5-Hydroxytryptamine and tryptamine pathways in scleroderma.
 LA - Eng
 AB - Levels of 5-hydroxyindoleacetic acid, indoleacetic acid and total indoles were determined in the urine of 23 patients with systemic scleroderma and 7 patients with cutaneous scleroderma, before and after peroral loading with L-tryptophan (0-1 g/kg body weight). Before loading, 5-hydroxyindoleacetic acid levels were normal in nearly all cases of systemic scleroderma as well as of cutaneous scleroderma; however after loading, in nearly one half of cases there was no normal increase of this metabolite. These results suggest impaired transformation of serotonin into 5-hydroxyindoleacetic acid. A disproportionately high ratio of total indoles to indoleacetic acid suggests the presence of excess of tryptamine. The results of the study may indicate that in scleroderma metabolism of biogenic amines derived from tryptophan is abnormal, probably as a result of impaired activity of monoamine oxidase.
 MH - Adolescence ; Adult ; Aged ; Female ; Human
 MH - Hydroxyindoleacetic Acid/urine ; Indoleacetic Acids/urine
 MH - Indoles/urine ; Male ; Middle Age
 MH - Scleroderma, Circumscribed/*metabolism
 MH - Scleroderma, Systemic/*etiology/*metabolism ; Serotonin/*metabolism
 MH - Tryptamines/*metabolism
 MH - Tryptophan/administration & dosage/metabolism
 SO - Br J Dermatol 1977 Aug;97(2):147-54
- 36 AU - Studitsin AA ; Delektorski VV ; Nikitina MN ; Bragina EE
 TI - [Tubuloreticular structures in endothelial cells in focal scleroderma]
 LA - Rus
 MH - Child ; Endoplasmic Reticulum/*ultrastructure
 MH - Endothelium/*ultrastructure ; English Abstract ; Human
 MH - Microtubules/*ultrastructure
 MH - Scleroderma, Systemic/*etiology/*pathology ; Skin/*ultrastructure
 SO - Vestn Dermatol Venerol 1977 Jun;(6):3-4

- 37 AU - Tomii M ; Nagahama H ; Mori I ; Nomma M ; Tamai S ; Nosoda Y
TI - [Upper abdominal pain, scleroderma of both sides of the fingers
and the back of the hand (gastric radiography)--schizophrenia:
(stomach cancer and scleroderma)]
LA - Jpn
MH - Adult ; Case Report ; Female ; Human ; Schizophrenia/complications
MH - Scleroderma, Systemic/etiology/*pathology
MH - Stomach Neoplasms/complications/*pathology
SO - Nippon Rinsho 1977 Fall;35 Suppl 2:3024-5, 3386-7
- 38 AU - Van Vloten WA ; Scheffer E ; Dooren LJ
TI - Localized scleroderma-like lesions after bone marrow
transplantation in man. A chronic graft versus host reaction.
LA - Eng
AB - Localized scleroderma-like skin lesions which developed in two
children, from 6 to 10 months after successful bone marrow
transplantation for aplastic anaemia, showed histopathological
features resembling those of scleroderma. This finding, like the
animal models described in the literature, provides additional
support for the auto-immune nature of scleroderma.
MH - Anemia, Aplastic/therapy ; Bone Marrow/*transplantation
MH - Case Report ; Child ; *Graft vs Host Reaction ; Human ; Immunity
MH - Male ; Scleroderma, Circumscribed/*etiology/immunology/pathology
MH - Transplantation, Homologous ; Bone Marrow/*cytology
SO - Br J Dermatol 1977 Apr;96(4):337-41

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