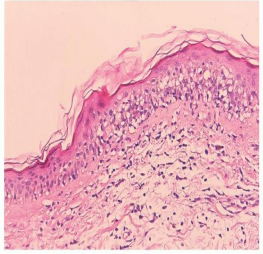

Acute cutaneous graft-versus-host reaction (GVHR) = ارتكاس رفض الطعم الجلدي للمضيف

Graft Versus Host Disease

GVHD occurs in situations in which donor immunocompetent T cells transferred into allogenic hosts are

infrequently, unirradiated blood products , solid organ transplants , and matemal-fetallymphocyte engraf

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Acute cutaneous graft-versus-host reaction (GVHR) = ارتكاس رفض الطعم الجلدي للمضيف

The disease can be divided into an acute and a chronic phase. Acute GVHD typically occurs between 7

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In the *acute phase,* the classic triad includes skin lesions, hepatic dysfunctio

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In the *chronic phase,* an early lichenoid stage and a late sclerodermoid stage

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histopathology

the early changes in the acute phase consist of focal basal vacuolation and sparse superficial

perivascular lymphocytic infiltrate with exocytosis of individual cells into the epidermis

acute phase has been divided into four histopathologic grades. The

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In the *chronic phase,* the early lichenoid stage may still show evidence of sate

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Acute cutaneous graft-versus-host reaction (GVHR) = للمضيف الجلدي الطعم رفض ارتكاس

In the late sclerodermoid phase, the epidermis is atrophic, with the keratinocytes being small, flattened,

IF Testing. Epithelial basement membrane zone granular IgM and complement deposition i

Pathogenesis.

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Acute cutaneous graft-versus-host reaction (GVHR) = للمضيف الجلدي الطعم رفض ارتكاس

Acute and chronic forms of the disease have a different pathogenesis. In acute

The greater the disparity between donor and recipients MHC, the greater the T-cell response. In identica

T cells represent the majority of infiltrate. B cells

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The inflammatory cytokines (ILs, GM-CSF, TNF-a IFN-y) produced by activated T cells and by tissue da

mechanisms by which the skin, liver, and gastrointestinal tract are targeted are not clear.

Less is understood about the pathophysiology of chronic GVHD. The role of donor T cells against the re

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Ultrastructural Study .

The necrotic keratinocytic cytoplasm is filled with numerous aggregated tonofila

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Differential Diagnosis.

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The acute phase of GVHD is similar to EM, with scattered necrotic keratinocytes and the formation of s

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The *eruption* of *lymphocyte recovery* occurs

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Acute cutaneous graft-versus-host reaction (GVHR) = للمضيف الجلدي الطعم رفض ارتكاس

Distinguishing between the lichenoid lesions of GVHD and lichen planus is often impossible.

However, late sclerotic lesions can be differentiated from scleroderma by the marked atrophy of

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Acute cutaneous graft-versus-host reaction (GVHR) = للمضيف الجلدي الطعم رفض ارتكاس

the epidermis. Active synthesis of collagen takes place largely in the upper third of the dermis;

in scleroderma, collagen is synthesized mainly in the lower dermis and in the subcutaneous

tissu

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Acute cutaneous graft-versus-host reaction (GVHR) = ارتكاس رفض الطعم الجلدي للمضيف

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