

DEFINITIONS OF CHRONIC GVHD

Chronic Graft-vs.-Host Disease (GVHD) is a specific syndrome involving, for example, scleroderma, dry eyes, dry mouth, lichenoid oral changes, bronchiolitis obliterans, vanishing bile ducts, or weight loss. It is to be diagnosed specifically rather than diagnosed when acute GVHD-like syndromes develop late (beyond Day +100) after any transplant or donor leukocyte infusion.

Definite and Possible Manifestations of Chronic GVHD

Organ System	Definite Manifestations of Chronic GVHD	Possible Manifestations of Chronic GVHD
Skin	Scleroderma (superficial or fasciitis), lichen planus, vitiligo, scarring alopecia, hyperkeratosis pilaris, contractures from skin immobility, nail bed dysplasia	Eczematoid rash, dry skin, maculopapular rash, hyperpigmentation, hair loss
Mucous membranes	Lichen planus, non-infectious ulcers, corneal erosions/non-infectious conjunctivitis	Xerostomia, keratoconjunctivitis sicca
GI tract	Esophageal strictures, steatorrhea	Anorexia, malabsorption, weight loss, diarrhea, abdominal pain
Liver	None	Elevation of alkaline phosphatase, transaminitis, cholangitis, hyperbilirubinemia
GU	Vaginal stricture, lichen planus	Non-infectious vaginitis, vaginal atrophy
Musculo-skeletal/Serosa	Non-septic arthritis, myositis, myasthenia, polyserositis, contractures from joint immobilization	Arthralgia
Hematologic	None	Thrombocytopenia, eosinophilia, autoimmune cytopenias
Lung	Bronchiolitis obliterans	Bronchiolitis obliterans with organizing pneumonia, interstitial pneumonitis

1. At any time point post-transplant, if there are ANY definite symptoms (column 2) then the symptoms should be identified as chronic GVHD.
2. At any time post-transplant, if there are any possible symptoms (column 3) but no definite symptoms, then it is at the physician's discretion to identify as either acute or chronic GVHD.
3. Acute and chronic GVHD cannot be present at the same time. Thus if #1 is fulfilled then all manifestations of GVHD should be identified as chronic GVHD.

BMT CTN Data Coordinating Center