

classmate
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Complete blood count
Anti nuclear antibody (ANA)
kidney biopsy
Serum creatinine.

Management

- Apply the steroid creams to skin rashes.
- Administer antiinfective medications for joint & skin problems.
- Immunosuppressive drugs.
- Administer antiinflammatory drug to relieve joint stiffness & pain reduce.
- Administer corticosteroids to reduce the immune response.

Complications

- Memory changes
- Seizures
- Kidney failure
- Kidney inflammation
- Stroke
- Heart attack
- Vasculitis

ANKYLOSING SPONDYLITIS

It is an inflammatory condition of spine & characterized by inflammation b/w vertebrae.

Causes

There is no exact cause but some factors are related to causation.

- Genetic factors
- Family history

Signs & Symptoms

- Back pain
- Low back stiffness
- Fatigue
- Fever
- Anorexia
- Bony fusion
- Pain in ligaments & tendons.

Diagnostic evaluation

- History collection
- Physical examination
- Blood test
- Pelvic & back X-ray

Management

- Non-steroidal anti-inflammatory drugs e.g., ibuprofen, aspirin.
- Disease-modifying antirheumatic drugs (DMARDs) e.g., methotrexate, can be used if NSAIDs not effective
- Exercise to reduce joint stiffness & to strengthen the joint muscle.
- Physical & occupational therapy
- Avoid smoking
- Healthy & balanced diet

GRAFT VERSUS HOST DISEASE:

This disease occurs after the transplanted or transplants the immunodeficient individual to immunocompetent individual. This condition generally occurs after the mismatching b/w donor & recipients. In this disease transplanted donor cells attacks on the body of recipient.

Etiology

- Bone marrow transplantation
- Kidney transplantation
- Fetal thymus transplantation
- Blood or blood product transfusion
- Fetal liver transplantation

Clinical manifestations

General features.

- Fever
- Chills
- Hypertension
- Pain on site
- weight loss
- local tenderness
- vaginal dryness
- vision problems
- Dry mouth & eyes
- joint pain
- weakness
- shortness of breath
- joint stiffness
- fatigue.

GIT

- Malabsorption
- Diarrhea
- Nausea & vomiting
- Stool contains blood
- Jaundice (mild/moderate)

Skin

- Dermatitis
- Pruritus

- Skin rash (on the palm of hand & soles of feet)
- Desquamation
- Generalized erythema • loss of hairs

Diagnostic Evaluation

- History Collection
- Blood test
- Liver function test
- Skin biopsy
- Physical exam
- Urinalysis
- CBC
- Serum Bilirubin analysis

Management

- Immunosuppressive drugs such as methotrexate
- Corticosteroids
- Steroids (Prednisone)

Nsg Management

- Check the vital sign
- Assess the sign & symptoms of disorders
- Provide proper rest in calm & quiet env.
- Proper checking the blood chemistry, groups & Rh (+/-) before transfusion.