

**Fanconi Anemia Research Fund  
Annual Family Meeting 2010**

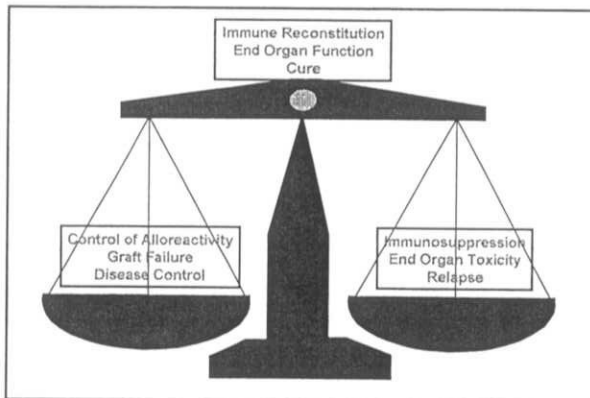
**Post-Stem Cell Transplant Considerations in FA**

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## REGIMEN RELATED TOXICITY

*Related to myeloablative therapy*  
 radiation pneumonitis and nephritis  
 hemorrhagic cystitis  
 CNS demyelination  
 growth failure

*Related to immunosuppression*  
 infectious predisposition  
 mucositis  
 avascular necrosis

*Related to allogenicity*  
 GVHD  
 immunosuppressive therapy side effects

## GRAFT VS HOST DISEASE

Clinical syndrome

- skin rash
- hyperbilirubinemia
- diarrhea
- extreme constitutional symptoms

**no diagnostic test**  
**no diagnostic pathology**  
**defined in a different era**

## GRAFT VS HOST DISEASE

- less likely to occur in children < 10
- ? less likely to occur with younger donor
- less likely to result in chronic GVHD
- contributes to malignancy risk
- contributes to growth failure

## CHRONIC GRAFT-VS-HOST DISEASE

dry skin                      scleroderma

abnormal LFTs              liver failure - PBC

poor appetite                      chronic malabsorption

## LONG TERM COMPLICATIONS

Endocrine Disorders – *growth, puberty, fertility*  
 Bone Problems - *necrosis, growth*  
 Pulmonary – *obstructive, restrictive*  
 Ophthalmologic – *cataracts, vascular*  
 Dental Problems – *jaw, teeth*  
 Hematologic - *cytopenias*  
 Neurologic - *demyelination*  
 Renal and Urinary Tract – *stricture, dialysis*