YaleNewHavenHealth

Smilow Cancer Hospital

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Smilow Classical Hematology Program Treatment for:

- Thrombosis
- Anemia
- Bleeding and Platelet Disorders
- Other Hematological Conditions and Rare Diseases

yalecancercenter.org 203-200-4363



Smilow Classical Hematology Program

CLASSICAL HEMATOLOGY, ALSO KNOWN AS "BENIGN" HEMATOLOGY, is the area of non-cancer related blood disorders. Our hematologists provide a full spectrum of care to patients with non-malignant hematology disorders, and participate in research to advance treatment options for their patients. Educational and community outreach are also a priority to improve awareness and understanding of benign disorders.

The types of disorders that we care for are varied and include:

THROMBOSIS: When blood clots form abnormally in a blood vessel, they can obstruct blood flow. We provide consultation services for patients who have developed thrombosis, including those with hereditary disorders of coagulation and acquired disorders (e.g. antiphospholipid antibody syndrome). These disorders are generally treated with anticoagulant drugs.

ANEMIA: There are multiple causes of anemia, including nutrient deficiency (iron and vitamin B12), hereditary issues such as sickle cell disease and thalassemia, inflammation, immune conditions, and others.

BLEEDING AND PLATELET DISORDERS: Several disorders can result in excess bleeding. We care for patients with hemophilia through the Yale Hemophilia Treatment Center, von Willebrand disease, platelet disorders, and other rarer hereditary and acquired bleeding disorders. Clinical trials are underway utilizing new treatment modalities including gene therapy for these disorders. There are several different sub-types of von Willebrand disease (vWD), and accurately determining the type is important for treatment.

OTHER HEMATOLOGICAL CONDITIONS AND RARE DISEASES cared for by our Classical Hematology team include vascular anomalies such as Hereditary Hemorrhagic Telangiectasia, paroxysmal nocturnal hemoglobinuria (PNH), porphyria, iron overload such as hereditary hemochromatosis, thrombotic thrombocytopenic purpura, atypical hemolytic uremic syndrome, among others. Please reach out if you have a concern or would like to review a patient's diagnosis for follow-up care.



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