Work-Up of NEUTROPENIA

**Neutropenia (ANC < 1.8)**

Assess severity
- Mild (ANC ≥ 1.0)
- Moderate (0.5 to < 1.0)
- Severe (< 0.5)

**ANC < 0.5**
- History & Physical Exam & Blood film
- Febrile?
  - NO
    - Other cytopenias?
      - NO
        - Nutritional deficiency?
          - NO
            - Self resolves?
              - NO
                - Referral to CCMB Hematology
              - YES
                - Address cause & follow
                - Aplastic anemia
                - Acute leukemia
                - MDS
          - YES
            - Address cause & follow (especially if ANC > 1.0)
              - Constitutional
              - Drug-mediated
              - Autoimmune
              - Cyclic neutropenia
    - YES
      - URGENT CCMB Hematology REFERRAL (Antibiotics/Evaluation)

**ANC > 0.5**
- History & Physical Exam & Blood film
- Febrile?
  - NO
    - New Onset?
      - NO
        - Isolated?
          - NO
            - Repeat CBC
              - Persists
              - Improves
            - YES
              - Observe (drug or infection mediated)
        - YES
          - See ANC < 0.5 (above)
      - YES
        - Address cause & follow
          - Referral to CCMB Hematology

Questions or Doubts?

Pathways are subject to clinical judgment and actual practice patterns may not always follow the proposed steps in this pathway.