AVG Assessment and Intervention Algorithm

The following tool will assist facilities to improve the consistency of AVG assessment and intervention as well as communication efforts with surgeons, nephrologists and interventionalists.

Patient has arteriovenous graft (AVG) present

- Has patient had reduced blood flow rate, increased venous pressures, or post dialysis bleeding for at least 3 treatments over last month?
  - Yes
    - Request fistulogram from nephrologist or surgeon
      - Date of fistulogram
      - Was fistulogram successful for endovascular intervention?
        - Yes
          - Continue regular monitoring of blood flow rate, venous pressure, and post dialysis bleeding
            - Frequency of monitoring
        - No
          - Develop plan of care for patient to have access converted to AVF once access begins to fail
            - Date of care plan
    - No
      - Schedule surgical revision using fistulogram to aid opportunity to convert to AVF
        - Date of surgery
      - Has patient redeveloped symptoms of reduced blood flow rate, increased venous pressure, or prolonged bleeding (at least 3 times in one month) within four months of fistulogram?
        - Yes
          - Schedule surgical revision using fistulogram to aid opportunity to convert to AVF
            - Date of surgery
        - No
          - Continue regular monitoring of blood flow rate, venous pressure, and post dialysis bleeding
            - Frequency of monitoring

Facility ________________________________
Patient Name ___________________________
Surgeon _______________________________
Date Began ____________________________

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Please call 1-800-973-3773 for questions or reprint requests.