Patient eGFR <15 mL/min?

- yes

  eGFR decline progressive?

  - yes

    Patient selects HD as RRT modality?

    - yes

      Projected life expectancy >1 year

      - yes

        Vascular mapping:
        - diameter of vene >2.5mm
        - diameter of artery >2.0 mm
        - positive fist squenching test?

        - yes

          Creative native vascular access

        - no

          Discuss options

          - native fistula
          - graft
          - catheter

        with

        - vascular surgeon
        - patient

- no

  Do not attempt creation of native AV fistula