

**Planned Care Vascular Access - New Patient Pathway**  
**PATHWAY 2 - FINAL DRAFT**

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| <p><b>12 months before start of RRT</b></p> | <p>Patients clinical symptoms indicates likely to reach CKD stage 5 in &lt; 12 months</p> <p>Units may want to calculate rate of decline using the KDOGl clinical outcomes calculator</p> <p><b>If RRT confirmed proceed as below</b></p> | <p>Discuss care options – PD,HD, Transplantation, Supportive Care</p> <p>Refer to relevant nurse specialist for education and support (including vein preservation)</p> <p>Review options and agree treatment plan with patient and family</p> |
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| <p><b>Clock starts 6 months (26 weeks) before estimated initiation of RRT (Clock: zero)</b></p> | <p>Refer for RRT assessment</p> <p>Units may want to specify a cut off referral eGFR of 12 mlS</p> <p><b>Metric 1</b></p> | <p>Consultant / MDT agree patient suitable for HD</p> <p>Refer for pre dialysis education (log date in EPR )</p> <p>Refer for Vascular Access Assessment (log date on EPR )</p> |
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If Not for HD then refer to PD pathway or Supportive Care

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| <p><b>2 weeks from referral to VA assessment (Clock: 2 weeks)</b></p> | <p>One Stop Consultant Vascular Access Assessment &lt;2/52 from date of referral</p> <p><b>Metric 2</b></p> | <p>Vein mapping and Vascular Access plan recorded</p> <p>Patient receives VA nurse education and information about vein preservation and care</p> |
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| <p><b>3 weeks from VA assessment to surgery (Clock: 5 weeks)</b></p> | <p>Undergo surgery &lt;3/52 from date of VA assessment.</p> <p><b>Metric 3a</b></p> | <p>Consultant delivered surgery &lt;3/52</p> <p><b>(KPIs 1. Surgery 5 weeks after referral 2. 70% day case ) Metric 3b</b></p> |
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| <p><b>6 weeks Post Op -1<sup>st</sup> 1'Maturation review ( Clock: 11 weeks)</b></p> | <p>CNS lead review completed at 6/52 post op.</p> <p>If immature - AVF to undergo revision and 2<sup>nd</sup> maturation review in &lt;4/52</p> <p><b>Metric 4</b></p> | <p>One stop Doppler assessment and CNS review.</p> <p>Sign off - mature/ revision /abandon <b>metric 4b</b></p> <p><b>(KPI/outcome AVF-70% useable, 30% revision AVG-100% useable) Metric 5a</b></p> |
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Removal of CVC line <2/52

**Metric 5b**

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| <p><b>10 wk Post Op- 2<sup>nd</sup> 2'Maturation Review</b></p> | <p>IR/Surgical revision and review &lt; 4/52 post 1' Maturation failure <b>Metric 6a</b></p> | <p>One stop Doppler assessment and senior clinical review</p> <p>Sign off - mature / abandon <b>Metric 6b</b></p> |
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| <b>( Clock: 15 weeks)</b>     |  |   |
| <b>Abandon</b>                | Refer back for RRT Assessment <2/52<br><b>Metric 7</b> | Recommence RRT assessment process   |
| <b>12 months post surgery</b> | Audit outcomes at 12 months post op                    | <ul style="list-style-type: none"> <li>% completing pathway within agreed timeframe – referral to surgery</li> <li>% completing pathway within time frames – surgery to CVC removed</li> <li>% cases as Day case</li> <li>% Patients start dialysing with a workable fistula</li> <li>% AVF requiring Revision</li> <li>% AVF Abandoned</li> <li>% HD with index AVF at 1 year</li> <li>% CVC at 1 year</li> <li>% CVC removal at 2/52 post maturity</li> </ul> |