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| **Annual Review Template for Thalassaemia Intermedia/RIA** | **On Transfusion** | **Under 18’s** |

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| **Patient Info.** | **Date** |  | **Patient Name** | | |  | | | **NHS No.** |  |
| **Transfusing Hospital** | | |  | | | **Diagnosis** |  | | |
| **Comorbidities** | | | |  | | | | | |
| **Vaccination status** (if new to UK / Hep B / splenectomised) | | | |  | | | | | |

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| **Patient Monitoring** | **Height** (cm) | | |  | | | **Centile** | | | | | |  | | | |
| **Weight** (kg) | | |  | | | **Parental heights** (cm) | | | | | |  | | | |
| **Tanner score** (from age 10) | | |  | | | **Growth velocity satisfactory?** | | | | | | **Y / N** (if not satisfactory refer to Endocrinology) | | | |
| **Transfusion Regime** | | **Units** | |  | **Interval** | | | |  | **Rate of iron loading** (mg/kg/OD) | | | |  | |
| **MRI iron assessment** (2-5 yearly depending on previous result. Start at 20+ years or earlier if need >3 transfusions/year) | | | | | | | | **Cardiac T2\*** (ms) | | |  | | **Ferriscan** (mg/g/dry wt.) | |  |
| **Liver T2\*** (ms) | | |  | | **Ferritin** | |  |
| **Pre-transfusion Hb** | | | | | | |  | | | | **Rate of iron loading** (mg/kg/OD) | | | |  |
| **Iron chelation** (drug/dosage/frequency) | | | | | | |  | | | | | | | | |
| **Adherence/compliance documentation** | | | | | | |  | | | | | | | | |
| **Other Medications** |  | | | | | | | | | | | | | | |

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| **Investigation Results** | **Creatinine** |  | **UPCR** |  | **ALT** |  | **AST** |  |
| **Bilirubin** |  | **Vit. D** (from age 2) |  | **Calcium** |  | **LH/FSH** |  |
| **TSH** |  | **OGTT** (from puberty) |  | **PTH** |  | **Free T4** |  |
| **Morning cortisol** | | |  | **Testosterone/oestradiol** | | |  |
| **Virology (Hep B, C, HIV)** | | |  | **Spleen Size** | | |  |
| **DEXA scan** (2 yearly from puberty) | | |  | **Eye test completed** | | | **Y / N** |
| **Audiometry test completed** | | | **Y / N** |

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| **Discussion** | 1. **Details of activities over last 12 months** (e.g., acute admissions/AED visits/surgery/school/university etc.) 2. **Wider health determinants ^** (e.g., community mental health/social care/DLA/PIP. Use local tool if further psychological/social input needed) | | | |
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| **Extra** | **Psychology assessment needed** | **Y / N** | **New treatment discussion** (Gene therapy/Luspartercept etc.) | **Y / N** |
| **Baseline genetic test available** | **Y / N** | **Transplant discussion** | **Y / N** |

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| **Actions ^** | **Tertiary Hospital** |  |
| **Patient** |  |
| **Local/**  **Transfusing Hospital** |  |
| **Community** |  |
| **GP** |  |

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| **Multi-system Review ^** | **Puberty/menses/sex characteristics** |  |
| **Cardiorespiratory** |  |
| **Neurology symptoms** |  |
| **Ophthalmology symptoms** |  |
| **Leg ulcers** |  |
| **Infections** |  |
| **Joint pains** |  |
| **Chronic pain** |  |
| **Pancreatic insufficiency** |  |
| **Extramedullary haematopoiesis** |  |
| **Fractures** |  |

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| **Misc. ^** | **Additional Comments** |
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