

# Thalassemia & Sickle Cell Disease Packages

Harley Street at University College Hospital is a dedicated private patient facility based at University College Hospital, London. We provide specialist treatment for blood disorders and our stem cell transplant service has been awarded JACIE accreditation.

We work with expert consultants who specialise in blood disorders as well as other areas of medicine; this means we are able to offer expert care for the primary condition as well as any side effects and resulting medical conditions.

We have developed a set of packages for patients receiving treatment for thalassemia and sickle cell disease; these packages are based on a series of tests and treatments. At Harley Street at University College Hospital we tailor these packages according to individual patients' needs; as such package prices can be obtained on request from our patient administration team.

## Thalassaemia Service

### Thalassaemia annual review

Reviews	Tests	Frequency	Attendance type
<b>Haematology first visit</b>	FBC, Retics, LFT, U&E, Bone, Vit D, TFT, PTH, LH, FSH, Testosterone or oestradiol, full red cell, genotype, G&S, DEXA scan, Urine Pr., Creat, AFP, virology	Once	Outpatient
<b>Haematology for transfusion</b>	FBC, Retics, LFT, U&E, Bone Xmatch 2-3 units	3-4 weekly	Daycase
<b>Haematology follow up</b>	N/A	Weekly	Outpatient
<b>Cardiology</b>	Echo and review by cardiologist	Once	Outpatient
<b>Dental</b>	X-rays	Once	Outpatient
<b>Ophthalmology</b>	ERG if required	Once	Outpatient
<b>Ophthalmology</b>	Optometry	Once	Outpatient
<b>Audiometry</b>	Audiometry & tympanogram	Once	Outpatient
<b>Endocrine</b>	OGTT	Once	Outpatient
<b>Liver, heart iron loading assessment</b>	Cardiac T2*, MRI, FerriScan	Once	Outpatient

### Thalassaemia chelation re-induction

Same as annual review but 3-6 months in London

Reviews	Tests	Frequency	Attendance type
<b>Repeat at end of stay liver, heart iron loading assessment</b>	Cardiac T2*, FerriScan	Once	Outpatient

### Thalassaemia salvage for severe cardiac iron. T2\* 10ms

As per annual review if needing continuous IV chelation

Reviews	Attendance type
<b>Indwelling line</b>	Daycase
<b>Coagulation opinion</b>	Outpatient
<b>Initial inpatient admission 4 weeks</b>	Inpatient
<b>Holter monitor</b>	Outpatient

### Thalassaemia risk assessment

Carriers at risk of having a child with thalassaemia

Reviews	Tests	Frequency	Attendance type
<b>Haematology first visit</b>	FBC, Retics, Ferritin, Haemoglobinopathy genetics	Once per parent	Outpatient
<b>Haematology follow up</b>	As required	Once	Outpatient
<b>Geneticist</b>	As required	As required	Outpatient
<b>Obstetrician</b>	As required	As required	As required

## Sickle Cell Service

### Sickle cell annual review ferritin <500

Reviews	Tests	Frequency	Attendance type
<b>Haematology first visit:</b>	FBC, Retics, LFT, U&E, Bone, Vit D, TFT, PTH, LH, FSH, Testosterone, oestradiol, red cell genotype, G&S, Urine Pr., Creat, AFP, haemoglobinopathy screen	Once	Outpatient
<b>Haematology follow up</b>	N/A	Weekly	Outpatient
<b>Cardiology</b>	Echo	Once	Outpatient
<b>Dental</b>	X-rays and review	Once	Outpatient
<b>Ophthalmology</b>	Optometry	Once	Outpatient
<b>Endocrine</b>	OGTT	Once	Outpatient
<b>Orthopaedics (if required)</b>	Both hips X-ray	Once	Outpatient
	MRI hip	Once	Outpatient

### Sickle cell annual review ferritin >500

Reviews	Tests	Frequency	Attendance type
<b>Haematology first visit:</b>	FBC, Retics, LFT, U&E, Bone, Vit D, TFT, PTH, LH, FSH, Testosterone, oestradiol, red cell genotype, G&S, Urine Pr., Creat, AFP, haemoglobinopathy screen	Once	Outpatient
<b>Haematology follow up</b>	N/A	Weekly	Outpatient
<b>Cardiology</b>	Echo	Once	Outpatient
<b>Dental</b>	X-rays and review	Once	Outpatient
<b>Ophthalmology</b>	ERG, Optometry if on desferal	Once	Outpatient
<b>Ophthalmology</b>	Optometry	Once	Outpatient
<b>Endocrine</b>	OGTT	Once	Outpatient
<b>Liver, heart iron loading assessment</b>	Cardiac liver, MRI, FerriScan- if iron overloaded only	Once	Outpatient
<b>Orthopaedics (if required)</b>	Both hips X-ray	Once	Outpatient
	MRI hip	Once	Outpatient

## Sickle risk assessment

Reviews	Tests	Frequency	Attendance type
<b>Haematology first visit</b>	FBC, Retics, Ferritin, Haemoglobinopathy genetics	Once per parent	Outpatient
<b>Haematology follow up</b>	N/A	Once	Outpatient
<b>Geneticist</b>	As required	As required	Outpatient
<b>Obstetrician</b>	As required	As required	As required
<b>Fertility team</b>	As required	As required	As required

## Transfusion care

<b>Haematology for transfusion</b>	FBC, Retics, LFT, U&E, Bone Xmatch 2-3 units	3-4 weekly	Daycase
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Reviews	Frequency	Attendance type
<b>Automated red cell exchange</b>	4-6 weekly	Daycase
<b>Automated red cell exchange</b>	One off	Daycase
<b>Top up transfusion</b>	As required	Daycase
<b>Vascath insertion needed</b>	As required	As required

## Sickle cell admission for severely unwell patient

Frequency	Attendance type
4 week inpatient treatment	Inpatient

HCAHealthcare uk

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