SA2032 - Somatropin

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APPLICANT (stamp or sticker acceptable)		T (stamp or sticker acceptable)	PATIENT NHI:	REFERRER Reg No:
Reg No:			First Names:	First Names:
Name	e:		Surname:	Surname:
Addre	ess:		DOB:	Address:
			Address:	
Fax N	lumbe	pr:		Fax Number:
Som	atro	pin		
App	licatio	olication — growth hormone deficience ons only from a paediatric endocrinologis sites(tick boxes where appropriate)	ey in children st or endocrinologist. Approvals valid for 9 months.	
	Growth hormone deficiency causing symptomatic hypoglycaemia, or with other significant growth hormone deficient sequelae (e.g. cardiomyopathy, hepatic dysfunction) and diagnosed with GH < 5 mcg/l on at least two random blood samples in the first 2 weeks of life, or from samples during established hypoglycaemia (whole blood glucose < 2 mmol/l using a laboratory device)			random blood samples in the first 2 weeks of
or		Height velocity < 25th percentile for age adjusted for bone age/pubertal status if appropriate over 6 or 12 months using the standards of Tanner and Davies (1985) A current bone age is < 14 years (female patients) or < 16 years (male patients) Peak growth hormone value of < 5.0 mcg per litre in response to two different growth hormone stimulation tests. In children who are 5 years or older, GH testing with sex steroid priming is required If the patient has been treated for a malignancy, they should be disease free for at least one year based upon follow-up laboratory and radiological imaging appropriate for the malignancy, unless there are strong medical reasons why this is either		
		not necessary or appropriate and Appropriate imaging of the p	e bituitary gland has been obtained	
Rene	ewal -	— growth hormone deficiency in child	dren	
Current approval Number (if known):				
		A current bone age is 14 years or	under (female patients) or 16 years or under (male pa	atients)
	and and	Height velocity is greater than or e hormone treatment, as calculated	qual to 25th percentile for age (adjusted for bone age over six months using the standards of Tanner and D	
	and		qual to 2.0 cm per year, as calculated over 6 months	
		No serious adverse effect that the	patients specialist considers is likely to be attributable	e to growth hormone treatment has occurred
	and	No malignancy has developed sine	ce starting growth hormone	
Initial application — Turner syndrome Applications only from a paediatric endocrinologist or endocrinologist. Approvals valid for 9 months. Prerequisites(tick boxes where appropriate)				
		The patient has a post-natal genor	type confirming Turner Syndrome	
	and	Height velocity is < 25th percentile	over 6-12 months using the standards of Tanner and	I Davies (1985)
	and	A current bone age is < 14 years		

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Name	:	Surname:	Surname:
Addre	ss:	DOB:	Address:
		Address:	
Fax N	umber:		Fax Number:
Som	atropin - continued		
Rene	ewal — Turner syndrome		
Curre	ent approval Number (if known):		
Appli	, ,	or endocrinologist. Approvals valid for 12 months.	
	Height velocity is greater than or e Ranke's Turner Syndrome growth	qual to 50th percentile for age (while on growth horm velocity charts)	one calculated over 6 to 12 months using the
		qual to 2 cm per year, calculated over six months	
	A current bone age is 14 years or and	under	
		specialist considers is likely to be attributable to grow	vth hormone treatment has occurred
	No malignancy has developed since	ce starting growth hormone	
Initial application — short stature without growth hormone deficiency Applications only from a paediatric endocrinologist or endocrinologist. Approvals valid for 9 months. Prerequisites(tick boxes where appropriate)			
	delay	standard deviations below the mean for age or for b	one age if there is marked growth acceleration or
	Height velocity is < 25th percentile the standards of Tanner and Davie and	for age (adjusted for bone age/pubertal status if app s(1985)	ropriate), as calculated over 6 to 12 months using
	A current bone age is < 14 years of	r under (female patients) or < 16 years (male patient	s)
	The patient does not have severe medications known to impair heigh	chronic disease (including malignancy or recognized it velocity	severe skeletal dysplasia) and is not receiving
Renewal — short stature without growth hormone deficiency			
Current approval Number (if known):			
Applications only from a paediatric endocrinologist or endocrinologist. Approvals valid for 12 months. Prerequisites(tick boxes where appropriate)			
	Height velocity is greater than or e 12 months using the standards of	qual to 50th percentile (adjusted for bone age/pubert Tanner and Davies (1985)	al status if appropriate) as calculated over 6 to
	Height velocity is greater than or e	qual to 2 cm per year as calculated over six months	
		under (female patients) or 16 years or under (male pa	atients)
	No serious adverse effect that the	patient's specialist considers is likely to be attributable	le to growth hormone treatment has occurred

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Reg No:		First Names:	First Names:	
Name:		Surname:	Surname:	
Address:		DOB:	Address:	
		Address:		
Fax Number:			Fax Number:	
Somatropii	1 - continued			
Applications endocrinolog	st. Approvals valid for 9 months. s(tick boxes where appropriate)	tic renal insufficiency st, endocrinologist or renal physician on the recomme standard deviations below the mean	ndation of a paediatric endocrinologist or	
and and	Height velocity is < 25th percentile standards of Tanner and Davies (*	e (adjusted for bone age/pubertal status if appropriate 985)	e) as calculated over 6 to 12 months using the	
and	A current bone age is to 14 years	or under (female patients) or to 16 years or under (ma	ale patients)	
and	The patient is metabolically stable, has no evidence of metabolic bone disease and absence of any other severe chronic disease			
and	The patient is under the supervision	on of a specialist with expertise in renal medicine		
	The patient has a GFR less creatinine (umol/l)) × 40 = c	than or equal to 30 ml/min/1.73m² as measured by torrected GFR (ml/min/1.73m²) in a child who may or the contract of the contr	he Schwartz method (Height(cm)/plasma may not be receiving dialysis	
		renal transplant and has received < 5mg/ m²/day of pr	rednisone or equivalent for at least 6 months.	
Renewal — s	short stature due to chronic renal	insufficiency		
		·		
Applications endocrinolog	oval Number (if known):only from a paediatric endocrinologis ist. Approvals valid for 12 months. s(tick boxes where appropriate)	t, endocrinologist or renal physician on the recommer	ndation of a paediatric endocrinologist or	
and	Height velocity is greater than or e 12 months using the standards of	equal to 50th percentile (adjusted for bone age/pubert Tanner and Davies (1985)	al status if appropriate) as calculated over 6 to	
and	Height velocity is greater than or e	equal to 2 cm per year as calculated over six months		
and	A current bone age is 14 years or	under (female patients) or 16 years or under (male pa	atients)	
and	No serious adverse effect that the	patients specialist considers is likely to be attributable	e to growth hormone has occurred	
and	1	er growth hormone therapy was commenced	Ç	
and	1		import by discourantia provide	
and	1	ignificant biochemical or metabolic deterioration confi		
and	The patient has not received renal	transplantation since starting growth hormone treatm	nent	
	If the patient requires transplantat made after transplantation based	on, growth hormone prescription should cease before on the above criteria	e transplantation and a new application should be	

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APPLICANT (stamp or sticker acceptable)	PATIENT NHI:	REFERRER Reg No:
Reg No:	First Names:	First Names:
Name:	Surname:	Surname:
Address:	DOB:	Address:
	Address:	
Fax Number: Somatropin - continued		Fax Number:
Prerequisites(tick boxes where appropriate) The patient has a diagnosis of Prand The patient is aged six months of and A current bone age is < 14 years and Sleep studies or overnight oxime obstructive sleep disorder is four surgeon and The patient is aged to and There is no evidence equal to 0.5 standard or The patient is aged between	(female patients) or < 16 years (male patients) try have been performed and there is no obstructive sl nd, it has been adequately treated under the care of a	Deep disorder requiring treatment, or if an opaediatric respiratory physician and/or ENT BMI that has increased by greater than or way assessment is planned to be undertaken
Renewal — Prader-Willi syndrome Current approval Number (if known):		
Applications only from a paediatric endocrinologi Prerequisites(tick boxes where appropriate)	st or endocrinologist. Approvals valid for 12 months.	
12 months using the standards o	equal to 50th percentile (adjusted for bone age/pubers f Tanner and Davies (1985)	tal status if appropriate) as calculated over 6 to
and	equal to 2 cm per year as calculated over six months	
and	r under (female patients) or 16 years or under (male p	·
and	e patient's specialist considers is likely to be attributab	le to growth hormone treatment has occurred
No malignancy has developed af	ter growth hormone therapy was commenced	
The patient has not developed ty 0.5 standard deviations in the pre-	pe II diabetes or uncontrolled obesity as defined by Bit eceding 12 months	MI that has increased by greater than or equal to

APPLICATION FOR SUBSIDY BY SPECIAL AUTHORITY

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Name:	Surname:	Surname:
Address:	DOB:	Address:
	Address:	
Fax Number:		Fax Number:
Somatropin - continued		
Prerequisites(tick boxes where appropriate) The patient has a medical condition that is known to cause growth hormone deficiency (e.g. surgical removal of the pituitary for treatment of a pituitary tumour) and The patient has undergone appropriate treatment of other hormonal deficiencies and psychological illnesses and The patient has severe growth hormone deficiency (see notes) and The patient has severe growth hormone deficiency (see notes) and The patient has poor quality of life, as defined by a score of 16 or more using the disease-specific quality of life questionnaire for adult growth hormone deficiency (QoL-AGHDA®) Note: For the purposes of adults and adolescents, severe growth hormone deficiency is defined as a peak serum growth hormone level of less than or equal to 3 mcg per litre during an adequately performed insulin tolerance test (ITT) or glucagon stimulation test. Patients with one or more additional anterior pituitary hormone deficiencies and a known structural pituitary lesion only require one test. Patients with isolated growth hormone deficiency require two growth hormone stimulation tests, of which, one should be ITT unless otherwise contraindicated. Where an additional test is required, an arginine provocation test can be used with a peak serum growth hormone level of less than or equal to 0.4 mcg per litre. The dose of somatropin should be started at 0.2 mg daily and be titrated by 0.1 mg monthly until the serum IGF-I is within 1 standard deviation of the mean normal value for age and sex; and Dose of somatropin not to exceed 0.7 mg per day for male patients, or 1 mg per day for female patients.		
At the commencement of treatment for hypopituitarism, patients must be monitored for any required adjustment in replacement doses of corticosteroid and levothyroxine.		

Signed.		Data:	
Signed.	•••••	Dale.	

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Name:		Surname:	Surname:
Address:		DOB:	Address:
		Address:	
Fax Numbe	er:		Fax Number:
Somatro	pin - continued		
Renewal -	— adults and adolescents		
Application	oproval Number (if known):ns only from a paediatric endocrinologis	t or endocrinologist. Approvals valid for 12 months.	
	The patient has been treated with somatropin for < 12 months and There has been an improvement in Quality of Life defined as a reduction of at least 8 points on the Quality of Life Ass Growth Hormone Deficiency in Adults (QoL-AGHDA®) score from baseline and Serum IGF-I levels have been increased within ±1SD of the mean of the normal range for age and sex and The dose of somatropin has not exceeded 0.7 mg per day for male patients, or 1 mg per day for female patients		ange for age and sex
or	and The patient has not had a d score on treatment (other the stand Serum IGF-I levels have co obvious external factors)	leterioration in Quality of Life defined as a 6 point or greater increase from their lowest QoL-AGHDA® han due to obvious external factors such as external stressors) Intinued to be maintained within ±1SD of the mean of the normal range for age and sex (other than for some some some some some some some some	
, or	renewal criteria under this in	cial Authority approval for somatropin for childhood del ndication appropriate treatment of other hormonal deficiencies	,
and The patient has severe growth hormone deficiency (see notes) and The patient's serum IGF-I is more than 1 standard deviation below the mean for age and sex		age and sev	
	and	v of life, as defined by a score of 16 or more using the	
equal to 3 Patients w isolated gr an addition The dose mean norr Dose of so At the com	mcg per litre during an adequately perf vith one or more additional anterior pituit rowth hormone deficiency require two gr nal test is required, an arginine provoca of somatropin should be started at 0.2 i mal value for age and sex; and comatropin not to exceed 0.7 mg per day inmencement of treatment for hypopituitation	s, severe growth hormone deficiency is defined as a prommed insulin tolerance test (ITT) or glucagon stimula arry hormone deficiencies and a known structural pitui rowth hormone stimulation tests, of which, one should tion test can be used with a peak serum growth hormone daily and be titrated by 0.1 mg monthly until the sefor male patients, or 1 mg per day for female patients arism, patients must be monitored for any required adj	tion test. tary lesion only require one test. Patients with be ITT unless otherwise contraindicated. Where one level of less than or equal to 0.4 mcg per litre. erum IGF-I is within 1 standard deviation of the
and levoth	, i		·