SA2032 - Somatropin

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APPLICATION FOR SUBSIDY BY SPECIAL AUTHORITY

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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	r:		Fax Number:
Som	atro	pin		
App	licatio	lication — growth hormone deficienc ns only from a paediatric endocrinologis ites(tick boxes where appropriate)	y in children t or endocrinologist. Approvals valid for 9 months.	
		cardiomyopathy, hepatic dysfunction	ng symptomatic hypoglycaemia, or with other significa on) and diagnosed with GH < 5 mcg/l on at least two shed hypoglycaemia (whole blood glucose < 2 mmol	random blood samples in the first 2 weeks of
	Height velocity < 25th percentile for age adjusted for bone age/pubertal status if appropriate over 6 or 12 mo standards of Tanner and Davies (1985) and A current bone age is < 14 years (female patients) or < 16 years (male patients)			appropriate over 6 or 12 months using the
			of < 5.0 mcg per litre in response to two different gro ing with sex steroid priming is required	wth hormone stimulation tests. In children who
			ed for a malignancy, they should be disease free for a maging appropriate for the malignancy, unless there a e	
			ituitary gland has been obtained	
_				
Hene	ewai -	 growth hormone deficiency in child 	iren	
Appl	ication	proval Number (if known): ns only from a paediatric endocrinologist ites(tick boxes where appropriate)	or endocrinologist. Approvals valid for 12 months.	
		A current bone age is 14 years or	under (female patients) or 16 years or under (male pa	atients)
	and		qual to 25th percentile for age (adjusted for bone age over six months using the standards of Tanner and D	
	and	Height velocity is greater than or e	qual to 2.0 cm per year, as calculated over 6 months	
	and	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 sind	ce starting growth hormone	
Imitia	l ann	lication Turner syndrome		
Initial application — Turner syndrome Applications only from a paediatric endocrinologist or endocrinologist. Approvals valid for 9 months. Prerequisites(tick boxes where appropriate)				
	024	The patient has a post-natal genot	ype 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):		
	cations only from a paediatric endocrinologis equisites(tick boxes where appropriate)	t or endocrinologist. Approvals valid for 12 months.	
	Height velocity is greater than or equal to 50th percentile for age (while on growth hormone calculated over 6 to 12 months using the Ranke's Turner Syndrome growth velocity charts) Height velocity is greater than or equal to 2 cm per year, calculated over six months A current bone age is 14 years or under and No serious adverse effect that the specialist considers is likely to be attributable to growth hormone treatment has occurred No malignancy has developed since 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	3 standard deviations below the mean for age or for b	one age if there is marked growth acceleration or
	the standards of Tanner and David	e for age (adjusted for bone age/pubertal status if appes(1985)	propriate), as calculated over 6 to 12 months using
		or 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 nt 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 and	equal 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	equal to 2 cm per year as calculated over six months	
		under (female patients) or 16 years or under (male pa	atients)
		patient's specialist considers is likely to be attributab	le to growth hormone treatment has occurred

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Reg N	lo:		First Names:	First Names:
Name	:		Surname:	Surname:
Addre	ss:		DOB:	Address:
			Address:	
Fax N	umber:			Fax Number:
Som	atropin	- continued		
App endo	ications o crinologis	t. Approvals valid for 9 months. (tick boxes where appropriate) The patient's height is more than 2 Height velocity is < 25th percentile standards of Tanner and Davies (1 A current bone age is to 14 years The patient is metabolically stable The patient is under the supervision The patient has a GFR less creatinine (umol/l)) × 40 = co	et, endocrinologist or renal physician on the recomme 2 standard deviations below the mean 4 (adjusted for bone age/pubertal status if appropriate	e) as calculated over 6 to 12 months using the alle patients) sence of any other severe chronic disease the Schwartz method (Height(cm)/plasma may not be receiving dialysis
Rene	ewal — sh	nort stature due to chronic renal i	nsufficiency	
Current approval Number (if known):				
	and	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
	and	Height velocity is greater than or e	qual 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)
		No serious adverse effect that the	patients specialist considers is likely to be attributable	e to growth hormone has occurred
	and	No malignancy has developed after	er growth hormone therapy was commenced	
	and	The patient has not experienced s	ignificant biochemical or metabolic deterioration conf	irmed by diagnostic results
	and		transplantation since starting growth hormone treatm	
	and	If the patient requires transplantati made after transplantation based of	on, growth hormone prescription should cease before on the above criteria	e transplantation and a new application should be

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	Address:		
Fax Number:		Fax Number:	
Somatropin - continued			
The patient has a diagnosis of Fand The patient has a diagnosis of Fand The patient is aged six months and A current bone age is < 14 year and Sleep studies or overnight oxim obstructive sleep disorder is four surgeon and The patient is aged and There is no evidence equal to 0.5 standard	s (female patients) or < 16 years (male patients) etry have been performed and there is no obstructive sl nd, it has been adequately treated under the care of a	leep disorder requiring treatment, or if an paediatric respiratory physician and/or ENT BMI that has increased by greater than or	
prior to treatment comme	ncement and at six to 12 weeks following treatment initi	iation	
Renewal — Prader-Willi syndrome			
Current approval Number (if known): Applications only from a paediatric endocrinolog Prerequisites(tick boxes where appropriate)	gist or endocrinologist. Approvals valid for 12 months.		
Height velocity is greater than o 12 months using the standards and	r equal to 50th percentile (adjusted for bone age/puber of Tanner and Davies (1985)	tal status if appropriate) as calculated over 6 to	
	r equal to 2 cm per year as calculated over six months		
	or under (female patients) or 16 years or under (male p	atients)	
	ne patient's specialist considers is likely to be attributab	ele to growth hormone treatment has occurred	
No malignancy has developed a	after growth hormone therapy was commenced		
The patient has not developed t 0.5 standard deviations in the p	ype II diabetes or uncontrolled obesity as defined by Bireceding 12 months	MI that has increased by greater than or equal to	

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Address:	DOB:	Address:
	Address:	
Fax Number:		Fax Number:
Somatropin - continued		
treatment of a pituitary tumour) and The patient has undergone appropand The patient has severe growth hornand The patient's serum IGF-I is more tand The patient has poor quality of life, growth hormone deficiency (QoL-A) Note: For the purposes of adults and adolescents,	n that is known to cause growth hormone deficiency briate treatment of other hormonal deficiencies and particles and particles are deficiency (see notes) than 1 standard deviation below the mean for age and as defined by a score of 16 or more using the diseated GHDA®) severe growth hormone deficiency is defined as a p	sychological illnesses Ind sex se-specific quality of life questionnaire for adult eak 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.		

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Name	:			Surname:	Surname:
Addre	ss:			DOB:	Address:
				Address:	
Fax N	umbe	r:			Fax Number:
Som	atrop	pin - con	tinued		
Rene	ewal –	– adults a	and adolescents		
Curre	ent ap	proval Nur	mber (if known):		
Appli	cation	s only fron	, ,	t or endocrinologist. Approvals valid for 12 months.	
		and		d with somatropin for < 12 months	
		and		ment in Quality of Life defined as a reduction of at lea r in Adults (QoL-AGHDA®) score from baseline	st 8 points on the Quality of Life Assessment of
		and		en increased within ±1SD of the mean of the normal r	
	or		The door of somallopin had	The exceeded of higher day for male patients, or i	ing per day for fermale patients
The patient has been treated with somatropin for more than 12 months The patient has not had a deterioration in Quality of Life defined as a 6 point or greater increase from their lowest QoL-AGI score on treatment (other than due to obvious external factors such as external stressors)					
	Serum IGF-I levels have continued to be maintained within ±1SD of the mean of the normal range for age and sex (other than obvious external factors)			the normal range for age and sex (other than for	
		and	The dose of somatropin has	not exceeded 0.7 mg per day for male patients or 1 i	ng per day for female patients
	or				
		and	The patient has had a Spec renewal criteria under this in	ial Authority approval for somatropin for childhood definition	ficiency in children and no longer meets the
		and	The patient has undergone	appropriate treatment of other hormonal deficiencies	and psychological illnesses
		and	The patient has severe grow	vth hormone deficiency (see notes)	
			The patient's serum IGF-I is	more than 1 standard deviation below the mean for a	age and sex
		and	The patient has poor quality adult growth hormone defici	of life, as defined by a score of 16 or more using the ency (QoL-AGHDA®)	disease-specific quality of life questionnaire for
equa Patie isolat an ac The c mean	I to 3 ints wited groduition distribution di	mcg per lit ith one or i owth horm nal test is r of somatro nal value fo	tre during an adequately performore additional anterior pituitione deficiency require two grequired, an arginine provocat pin should be started at 0.2 ror age and sex; and	r, severe growth hormone deficiency is defined as a promed insulin tolerance test (ITT) or glucagon stimular ary hormone deficiencies and a known structural pitui owth hormone stimulation tests, of which, one should ion test can be used with a peak serum growth hormone daily and be titrated by 0.1 mg monthly until the set	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
At the	e com			for male patients, or 1 mg per day for female patients rism, patients must be monitored for any required adj	