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	:		Surname:	Surname:
Addre	ss:		DOB:	Address:
			Address:	
	umbe	r:		Fax Number:
App	lication	lication — growth hormone deficience as only from a paediatric endocrinologis ites(tick boxes where appropriate)	ey in children tt 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
		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) and A current bone age is < 14 years (female patients) or < 16 years (male patients)		
		are 5 years or older, GH test and If the patient has been treate	of < 5.0 mcg per litre in response to two different gro ting with sex steroid priming is required ed for a malignancy, they should be disease free for a maging appropriate for the malignancy, unless there a	at least one year based upon follow-up
		and	oituitary gland has been obtained	
Rene	ewal –	– growth hormone deficiency in child	dren	
Appli	cation	proval Number (if known):s only from a paediatric endocrinologistites(tick boxes where appropriate)	t or endocrinologist. Approvals valid for 12 months.	
	and	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
	[No malignancy has developed since	ce starting growth hormone	
App	lication	lication — Turner syndrome ns only from a paediatric endocrinologis ites(tick boxes where appropriate)	st or endocrinologist. Approvals valid for 9 months.	
	and,	The patient has a post-natal genot	type confirming Turner Syndrome	
	and	Height velocity is < 25th percentile	over 6-12 months using the standards of Tanner and	d Davies (1985)
		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.	
Initia	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) and Height velocity is greater than or equal to 2 cm per year, calculated over six months and 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 and 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)			
	The patient's height is more than 3 delay	3 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 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			
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 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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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:		Fax Number:
Somatropin - continued		
endocrinologist. Approvals valid for 9 mor Prerequisites(tick boxes where appropria The patient's height is mo and Height velocity is < 25th p standards of Tanner and I and The patient is metabolical and The patient is under the stand The patient has a G creatinine (umol/l))	rinologist, endocrinologist or renal physician on ths. te) re than 2 standard deviations below the mean ercentile (adjusted for bone age/pubertal statudavies (1985) 4 years or under (female patients) or to 16 years are under (female patients) or to 16 years are under under the patients of the following stable, has no evidence of metabolic bone of the previous of a specialist with expertise in renal experiments. FR less than or equal to 30 ml/min/1.73m² as as 40 = corrected GFR (ml/min/1.73m²) in a characteristic of the previous of t	us if appropriate) as calculated over 6 to 12 months using the ears or under (male patients) disease and absence of any other severe chronic disease all medicine s measured by the Schwartz method (Height(cm)/plasma
Ine patient has rec	ived a renal transplant and has received < 5r	ng/ m ⁻ /day of prednisone or equivalent for at least 6 months.
Renewal — short stature due to chroni	renal insufficiency	
Current approval Number (if known): Applications only from a paediatric endocrendocrinologist. Approvals valid for 12 mc Prerequisites(tick boxes where appropria	inologist, endocrinologist or renal physician o onths.	n the recommendation of a paediatric endocrinologist or
	han or equal to 50th percentile (adjusted for blards of Tanner and Davies (1985)	pone age/pubertal status if appropriate) as calculated over 6 to
	han or equal to 2 cm per year as calculated o	ver six months
A current bone age is 14 y	rears or under (female patients) or 16 years o	r under (male patients)
and No serious adverse effect	that the patients specialist considers is likely	to be attributable to growth hormone has occurred
and No malignancy has develo	oped after growth hormone therapy was comm	nenced
and		
and	enced significant biochemical or metabolic de	, ,
The patient has not receive and	ed renal transplantation since starting growth	hormone treatment
	splantation, growth hormone prescription shout based on the above criteria	uld cease before transplantation and a new application should be

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Address:	. DOB:	Address:
Fax Number:		Fax Number:
Somatropin - continued		
Prerequisites(tick boxes where appropriate)	gist or endocrinologist. Approvals valid for 9 months. rader-Willi syndrome that has been confirmed by gene	tic tasting or clinical scoring criteria
and		tic testing of cirrical scoring criteria
The patient is aged six months of and	or older	
A current bone age is < 14 years	s (female patients) or < 16 years (male patients)	
Sleep studies or overnight oximetry have been performed and there is no obstructive sleep disorder requiring treatment, obstructive sleep disorder is found, it has been adequately treated under the care of a paediatric respiratory physician an surgeon		
and		
	two years or older e of type II diabetes or uncontrolled obesity defined by deviations in the preceding 12 months	BMI that has increased by greater than or
	en six months and two years and a thorough upper ain acement and at six to 12 weeks following treatment initi	
Renewal — Prader-Willi syndrome		
menewai — Frauei-Willi Syndrome		
Current approval Number (if known):		
Applications only from a paediatric endocrinolog Prerequisites(tick boxes where appropriate)	ist or endocrinologist. Approvals valid for 12 months.	
Height velocity is greater than or 12 months using the standards of	equal to 50th percentile (adjusted for bone age/puber	tal status if appropriate) as calculated over 6 to
and	equal to 2 cm per year as calculated over six months	
	or under (female patients) or 16 years or under (male p	atients)
	e patient's specialist considers is likely to be attributab	le to growth hormone treatment has occurred
	fter growth hormone therapy was commenced	
The patient has not developed ty 0.5 standard deviations in the pr	/pe II diabetes or uncontrolled obesity as defined by BI eceding 12 months	MI that has increased by greater than or equal to

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APPLICANT (stamp or sticker acceptable)	PATIENT NHI:	REFERRER Reg No:
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Address:	DOB:	
	Address:	
Fax Number:		Fax Number:
Somatropin - continued		
treatment of a pituitary tumour)	n that is known to cause growth hormone deficiency	
and The patient has severe growth horn	riate treatment of other hormonal deficiencies and ps mone deficiency (see notes)	sychological illnesses
and The patient's serum IGF-I is more than 1 standard deviation below the mean for age and sex and		
The patient has poor quality of life, growth hormone deficiency (QoL-A	as defined by a score of 16 or more using the disease GHDA®)	se-specific quality of life questionnaire for adult
equal to 3 mcg per litre during an adequately performance Patients with one or more additional anterior pituital isolated growth hormone deficiency require two grown additional test is required, an arginine provocation The dose of somatropin should be started at 0.2 mean normal value for age and sex; and Dose of somatropin not to exceed 0.7 mg per day for the performance of the performance	severe growth hormone deficiency is defined as a purmed insulin tolerance test (ITT) or glucagon stimularly hormone deficiencies and a known structural pitui by the hormone stimulation tests, of which, one should on test can be used with a peak serum growth hormone daily and be titrated by 0.1 mg monthly until the set for male patients, or 1 mg per day for female patients rism, 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

Signed:	Date:
	Private Bag 3015, Wanganui – email: customerservice@health.govt.nz

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APPLICAN	NT (stamp or sticker acceptable)	PATIENT NHI:	REFERRER Reg No:
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Name:		Surname:	Surname:
Address: .		DOB:	Address:
		Address:	
Fax Numb	er:		Fax Number:
Somatro	ppin - continued		
Renewal	— adults and adolescents		
Applicatio	pproval Number (if known): ons only from a paediatric endocrinologis sites(tick boxes where appropriate)	st 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 Assessm. Growth Hormone Deficiency in Adults (QoL-AGHDA®) score from baseline			ast 8 points on the Quality of Life Assessment of
		een increased within ± 1 SD of the mean of the normal r	range for age and sex
	The dose of somatropin ha	s not exceeded 0.7 mg per day for male patients, or 1	mg per day for female patients
The patient has been treated with somatropin for more than 12 months and The patient has not had a deterioration in Quality of Life defined as a 6 point or greater increase from score on treatment (other than due to obvious external factors such as external stressors) and			tressors)
	obvious external factors)	Intinued to be maintained within ±1SD of the mean of some solutions of the second solutions of the solution of the mean of the solution of the	
or	The patient has had a Specrenewal criteria under this i	cial Authority approval for somatropin for childhood de ndication	ficiency in children and no longer meets the
		appropriate treatment of other hormonal deficiencies	and psychological illnesses
	The patient has severe gro	wth hormone deficiency (see notes)	
	The patient's serum IGF-I is	s more than 1 standard deviation below the mean for a	age and sex
	The patient has poor qualit adult growth hormone defice	y of life, as defined by a score of 16 or more using the iency (QoL-AGHDA®)	disease-specific quality of life questionnaire for
equal to 3 Patients v isolated g an additio The dose mean nor	I mcg per litre during an adequately per vith one or more additional anterior pitui rowth hormone deficiency require two g anal test is required, an arginine provoca of somatropin should be started at 0.2 mal value for age and sex; and	s, severe growth hormone deficiency is defined as a prormed insulin tolerance test (ITT) or glucagon stimulatary hormone deficiencies and a known structural pituirowth 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 se	tion test. itary lesion only require one test. Patients with I 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
	nmencement of treatment for hypopituit	r for male patients, or 1 mg per day for female patients arism, patients must be monitored for any required adj	