

# **Clinical trial results:**

RECOMBINANT HUMAN INSULIN-LIKE GROWTH FACTOR-1 (rhigf-1) TREATMENT OF PREPUBERTAL CHILDREN WITH GROWTH FAILURE ASSOCIATED WITH PRIMARY IGF-1 DEFICIENCY: A PHASE 3, RANDOMIZED, OPEN LABEL, OBSERVATION-CONTROLLED, MULTICENTER, PARALLEL-DOSE COMPARISON TRIAL.

# **Summary**

EudraCT number	2019-001020-36	
Trial protocol	Outside EU/EEA	
Global end of trial date	02 July 2008	
Results information		
Result version number	v1 (current)	
This version publication date	22 September 2019	
First version publication date	22 September 2019	

# **Trial information**

Trial identification		
Sponsor protocol code	MS 301	
Additional study identifiers		
ISRCTN number	-	
ClinicalTrials.gov id (NCT number)	NCT00125164	
WHO universal trial number (UTN)	-	

Notes:

Sponsors	
Sponsor organisation name	Ipsen Pharma
Sponsor organisation address	65 Quai Georges Gorse, Boulogne Billancourt, France, 92100
Public contact	Medical Director, Ipsen Pharma, clinical.trials@ipsen.com
Scientific contact	Medical Director, Ipsen Pharma, clinical.trials@ipsen.com

Notes:

Paediatric regulatory details	
Is trial part of an agreed paediatric investigation plan (PIP)	No
Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial?	No
Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial?	Yes

Notes:

Results analysis stage	
Analysis stage	Final
Date of interim/final analysis	02 July 2008
Is this the analysis of the primary completion data?	No
Global end of trial reached?	Yes
Global end of trial date	02 July 2008
Was the trial ended prematurely?	No

#### General information about the trial

Main objective of the trial:

The primary objective of the study was to demonstrate the safety and efficacy of recombinant human insulin-like growth factor-1 (rhIGF-1) in promoting the growth of children with growth failure associated with Primary IGF-1 deficiency (IGFD).

Protection of trial subjects:

The study was conducted in accordance with Good Clinical Practice, the ethical principles that have their origins in the Declaration of Helsinki, and applicable national and local regulatory requirements.

Background therapy: -

Evidence for comparator: -	
Actual start date of recruitment	14 March 2004
Long term follow-up planned	No
Independent data monitoring committee (IDMC) involvement?	No

Notes:

# **Population of trial subjects**

# Subjects enrolled per country

Country: Number of subjects enrolled	United States: 137
Worldwide total number of subjects	137
EEA total number of subjects	0

Notes:

#### Subjects enrolled per age group In utero Preterm newborn - gestational age < 37 0 Newborns (0-27 days) 0 0 Infants and toddlers (28 days-23 months) 133 Children (2-11 years) 4 Adolescents (12-17 years) 0 Adults (18-64 years) 0 From 65 to 84 years 85 years and over

# **Subject disposition**

#### Recruitment

Recruitment details:

This was a Phase 3, randomised, open-label, observation-controlled, multi-centre, parallel-dose comparison trial of rhIGF-1 in prepubertal male and female subjects with growth failure associated with Primary IGFD. The trial was conducted at 30 clinical sites in the United States from 02 July 2008 to 14 March 2014.

# **Pre-assignment**

Screening details:

Subjects were initially randomised to 40 micrograms ( $\mu g$ ) rhIGF-1 per kilogram (kg) twice a day (BID), 80  $\mu g$  rhIGF-1 per kg BID, or untreated control. Following a protocol amendment, a 120  $\mu g/kg$  BID arm was added, randomisation to the 40  $\mu g/kg$  BID arm was discontinued and on-going subjects in this arm were reassigned to receive 120  $\mu g/kg$  BID.

Period 1	
Period 1 title	Overall Study (overall period)
Is this the baseline period?	Yes
Allocation method	Randomised - controlled
Blinding used	Not blinded
Arms	
Are arms mutually exclusive?	Yes
Arm title	Untreated Control
Arm description:	<u> </u>
Subjects were randomised to the uproduct for the duration of the 1 years.	intreated control group and did not receive any investigational medical ear study period.
Arm type	No intervention
No investigational medicinal produc	ct assigned in this arm
Arm title	40 μg/kg rhlGF-1 BID
Arm description:	'

Subjects were initially randomised to receive 40  $\mu$ g/kg rhIGF-1 BID. Following a protocol amendment, the 11 subjects in this arm who had not already completed the study at this dose were reassigned to receive 120  $\mu$ g/kg rhIGF-1 BID for the remainder of the 1 year study period. All 16 subjects initially randomised to this arm were excluded from the efficacy analyses.

Arm type	Experimental
Investigational medicinal product name	rhIGF-1
Investigational medicinal product code	
Other name	mecasermin
Pharmaceutical forms	Solution for injection
Routes of administration	Subcutaneous use

Dosage and administration details:

Subjects received subcutaneous injections of 40  $\mu$ g/kg rhIGF-1, BID, for up to 1 year or until dose group was discontinued following protocol amendment. Doses were up-titrated from 20  $\mu$ g/kg rhIGF-1 to the final dose of 40  $\mu$ g/kg rhIGF-1 over the first 2 weeks of the study. Injections were given immediately before breakfast and dinner. After the protocol amendment, subjects on-going in this group r commenced therapy at 80  $\mu$ g/kg rhIFG-1 BID for 2 weeks followed by 120  $\mu$ g/kg rhIFG-1 BID for the remainder of the trial. Dose adjustments were made every 3 months based upon the subject's weight.

Arm title	80 μg/kg rhIGF-1 BID
Arm description:	
Subjects were randomised to receive 80 $\mu g/kg$ rhIGF-1 BID for the duration of the 1 year study period.	
Arm type	Experimental

Investigational medicinal product name	rhIGF-1
Investigational medicinal product code	
Other name	mecasermin
Pharmaceutical forms	Solution for injection
Routes of administration	Subcutaneous use

# Dosage and administration details:

Subjects received subcutaneous injections of 80  $\mu$ g/kg rhIGF-1 BID, for up to 1 year. Doses were uptitrated from 20  $\mu$ g/kg rhIGF-1 to the final dose of 80  $\mu$ g/kg rhIGF-1 over the first 4 weeks of the study. Injections were given immediately before breakfast and dinner. Dose adjustments were made every 3 months based upon the subject's weight.

Arm title	120 μg/kg rhIGF-1 BID
Arm description:	
Subjects were randomised to receive 120 µg/kg rhIGF-1 BID for the duration of the 1 year study period	
Arm type	Experimental
Investigational medicinal product name	rhIGF-1
Investigational medicinal product code	
Other name	mecasermin
Pharmaceutical forms	Solution for injection
Routes of administration	Subcutaneous use

# Dosage and administration details:

Subjects received subcutaneous injections of 120  $\mu$ g/kg rhIGF-1 BID, for up to 1 year. Doses were uptitrated from 40  $\mu$ g/kg rhIGF-1 to the final dose of 120  $\mu$ g/kg rhIGF-1 over the first 4 weeks of the study. Injections were given immediately before breakfast and dinner. Dose adjustments were made every 3 months based upon the subject's weight.

Number of subjects in period 1[1]	Untreated Control	40 μg/kg rhIGF-1 BID	80 µg/kg rhIGF-1 BID
Started	25	16	44
Completed	23	16	40
Not completed	2	0	4
Consent withdrawn by subject	2	-	1
Adverse event, non-fatal	-	-	2
Lost to follow-up	-	-	1

Number of subjects in period 1[1]	120 μg/kg rhIGF-1 BID
Started	51
Completed	45
Not completed	6
Consent withdrawn by subject	1
Adverse event, non-fatal	4
Lost to follow-up	1

[1] - The number of subjects reported to be in the baseline period are not the same as the worldwide number enrolled in the trial. It is expected that these numbers will be the same.

Justification: Consent for one randomised subject was withdrawn prior to any study measurements. This subject was excluded from the baseline population.

# **Baseline characteristics**

# Reporting groups

Reporting group title	Untreated Control

Reporting group description:

Subjects were randomised to the untreated control group and did not receive any investigational medical product for the duration of the 1 year study period.

Reporting group title 40 µg/kg rhIGF-1 BID

Reporting group description:

Subjects were initially randomised to receive 40  $\mu$ g/kg rhIGF-1 BID. Following a protocol amendment, the 11 subjects in this arm who had not already completed the study at this dose were reassigned to receive 120  $\mu$ g/kg rhIGF-1 BID for the remainder of the 1 year study period. All 16 subjects initially randomised to this arm were excluded from the efficacy analyses.

Reporting group title 80 µg/kg rhIGF-1 BID

Reporting group description:

Subjects were randomised to receive 80  $\mu$ g/kg rhIGF-1 BID for the duration of the 1 year study period.

Reporting group title 120 μg/kg rhIGF-1 BID

Reporting group description:

Subjects were randomised to receive 120 µg/kg rhIGF-1 BID for the duration of the 1 year study period.

Reporting group values	Untreated Control	40 μg/kg rhIGF-1 BID	80 µg/kg rhIGF-1 BID
Number of subjects	25	16	44
Age categorical			
Units: Subjects			
In utero			
Preterm newborn infants (gestational age < 37 wks)			
Newborns (0-27 days)			
Infants and toddlers (28 days-23 months)			
Children (2-11 years)			
Adolescents (12-17 years)			
Adults (18-64 years)			
From 65-84 years			
85 years and over			
Age continuous			
Units: years			
arithmetic mean	7.0	7.6	7.7
standard deviation	± 2.4	± 2.4	± 2.4
Gender categorical			
Units: Subjects			
Female	10	4	14
Male	15	12	30
Race/Ethnicity			
Units: Subjects			
Asian	1	0	1
Black	0	0	0
Native Hawaiian or Pacific Islander	0	0	0
White	22	16	38
Hispanic	2	0	4

Reporting group values	120 μg/kg rhIGF-1 BID	Total	
Number of subjects	51	136	
Age categorical			
Units: Subjects			
In utero		0	
Preterm newborn infants (gestational age < 37 wks)		0	
Newborns (0-27 days)		0	
Infants and toddlers (28 days-23 months)		0	
Children (2-11 years)		0	
Adolescents (12-17 years)		0	
Adults (18-64 years)		0	
From 65-84 years		0	
85 years and over		0	
Age continuous			
Units: years			
arithmetic mean	7.6		
standard deviation	± 2.7	-	
Gender categorical			
Units: Subjects			
Female	8	36	
Male	43	100	
Race/Ethnicity			
Units: Subjects			
Asian	2	4	
Black	2	2	
Native Hawaiian or Pacific Islander	1	1	
White	41	117	
Hispanic	4	10	
Other	1	2	

# **End points**

# **End points reporting groups**

Reporting group title	Untreated Control

Reporting group description:

Subjects were randomised to the untreated control group and did not receive any investigational medical product for the duration of the 1 year study period.

Reporting group title 40 μg/kg rhIGF-1 BID

Reporting group description:

Subjects were initially randomised to receive 40  $\mu$ g/kg rhIGF-1 BID. Following a protocol amendment, the 11 subjects in this arm who had not already completed the study at this dose were reassigned to receive 120  $\mu$ g/kg rhIGF-1 BID for the remainder of the 1 year study period. All 16 subjects initially randomised to this arm were excluded from the efficacy analyses.

Reporting group title 80 µg/kg rhIGF-1 BID

Reporting group description:

Subjects were randomised to receive 80 µg/kg rhIGF-1 BID for the duration of the 1 year study period.

Reporting group title 120 μg/kg rhIGF-1 BID

Reporting group description:

Subjects were randomised to receive 120  $\mu g/kg$  rhIGF-1 BID for the duration of the 1 year study period.

Subject analysis set title	Untreated Control
Subject analysis set type	Intention-to-treat

Subject analysis set description:

All subjects randomised to the untreated control group.

Subject analysis set title	80 μg/kg rhIGF-1 BID
Subject analysis set type	Intention-to-treat

Subject analysis set description:

All subjects randomised to the 80 µg/kg rhIGF-1 BID group.

Subject analysis set title	120 μg/kg rhIGF-1 BID
Subject analysis set type	Intention-to-treat

Subject analysis set description:

All subjects randomised to the 120 μg/kg rhIGF-1 BID group.

# Primary: Height Velocity at 1 Year

End point description:

Height was measured standing, without shoes, as the average of 3 measurements by the same observer using identical technique with a Harpenden or other wall-mounted stadiometer at Day 1 (baseline) and each study visit up to 1 year (12 months). First-year height velocity (growth in centimetres [cm]) is presented for all subjects with a baseline height measurement and at least 1 on-treatment height measurement. Missing first-year (Month 12) height measurements were imputed using the last observation carried forward method.

End point type	Primary
End point timeframe:	
Baseline and at 1 year.	

End point values	Untreated Control	80 µg/kg rhIGF-1 BID	120 µg/kg rhIGF-1 BID	
Subject group type	Subject analysis set	Subject analysis set	Subject analysis set	
Number of subjects analysed	22	42	49	
Units: cm/year				
arithmetic mean (standard deviation)	5.2 (± 1.0)	6.9 (± 1.0)	7.7 (± 1.5)	

# Statistical analyses

Statistical analysis title	80 μg/kg rhIGF-1 BID versus Untreated Control
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Statistical analysis description:

Comparison of 80  $\mu$ g/kg rhIGF-1 BID group with the untreated control group using analysis of covariance (ANCOVA), where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.

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Comparison groups	Untreated Control v 80 µg/kg rhIGF-1 BID
Number of subjects included in analysis	64
Analysis specification	Pre-specified
Analysis type	superiority
P-value	< 0.0001 [1]
Method	ANCOVA
Parameter estimate	LS mean difference
Point estimate	1.79
Confidence interval	
level	95 %
sides	2-sided
lower limit	1.19
upper limit	2.39

#### Notes:

[1] - The two-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

Statistical analysis title	120 μg/kg rhIGF-1 BID versus Untreated Control

Statistical analysis description:

Comparison of 120  $\mu$ g/kg rhIGF-1 BID group with the untreated control group using ANCOVA, where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.

Comparison groups	Untreated Control v 120 μg/kg rhIGF-1 BID
Number of subjects included in analysis	71
Analysis specification	Pre-specified
Analysis type	superiority
P-value	< 0.0001 [2]
Method	ANCOVA
Parameter estimate	LS mean difference
Point estimate	2.58
Confidence interval	
level	95 %
sides	2-sided
lower limit	1.99
upper limit	3.16

[2] - The two-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

Statistical analysis title	80 μg/kg rhIGF-1 BID versus 120 μg/kg rhIGF-1 BID

Statistical analysis description:

Comparison of the 80  $\mu$ g/kg rhIGF-1 BID group with the 120  $\mu$ g/kg rhIGF-1 BID group using ANCOVA, where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.

Comparison groups	80 μg/kg rhIGF-1 BID v 120 μg/kg rhIGF-1 BID
Number of subjects included in analysis	91
Analysis specification	Pre-specified
Analysis type	superiority
P-value	= 0.0032 [3]
Method	ANCOVA
Parameter estimate	LS mean difference
Point estimate	0.79
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.27
upper limit	1.31

#### Notes:

[3] - The two-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

# Secondary: Mean Change From Baseline in Height Standard Deviation (SD) Score at 1 Year

End point title	Mean Change From Baseline in Height Standard Deviation (SD)
	Score at 1 Year

#### End point description:

Height was measured standing without shoes as the average of 3 measurements by the same observer using identical technique with a Harpenden or other wall-mounted stadiometer at Day 1 (baseline) and each study visit up to 1 year (12 months). Height SD score was calculated using the National Center for Health Statistics 2000 data as provided by the Center for Disease Control as the subject value minus the mean divided by the standard deviation. The mean and the standard deviation could vary depending on the age and sex of the subject. Mean change from baseline in height SD score at 1 year is presented for all subjects with a baseline height measurement and at least 1 on-treatment height measurement. Missing first-year (Month 12) height measurements were imputed using the last observation carried forward method.

End point type	Secondary
End point timeframe:	
Baseline and at 1 year.	

End point values	Untreated Control	80 µg/kg rhIGF-1 BID	120 µg/kg rhIGF-1 BID	
Subject group type	Subject analysis set	Subject analysis set	Subject analysis set	
Number of subjects analysed	22	42	49	
Units: SD score/year				
arithmetic mean (standard deviation)	0.02 (± 0.24)	0.38 (± 0.17)	0.48 (± 0.32)	

# Statistical analyses

Statistical analysis title	80 μg/kg rhIGF-1 BID versus Untreated Control
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Statistical analysis description:

Comparison of 80  $\mu$ g/kg BID group with the untreated control group using ANCOVA, where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.

Comparison groups	Untreated Control v 80 µg/kg rhIGF-1 BID
Number of subjects included in analysis	64
Analysis specification	Pre-specified
Analysis type	superiority
P-value	< 0.0001 [4]
Method	ANCOVA
Parameter estimate	LS mean difference
Point estimate	0.37
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.24
upper limit	0.5

#### Notes:

[4] - The 2-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

Statistical analysis title	120 μg/kg rhIGF-1 BID versus Untreated Control
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Statistical analysis description:

Comparison of 120  $\mu$ g/kg rhIGF-1 BID group with the untreated control group using ANCOVA, where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.

Comparison groups	Untreated Control v 120 µg/kg rhIGF-1 BID	
Number of subjects included in analysis	71	
Analysis specification	Pre-specified	
Analysis type	superiority	
P-value	< 0.0001 <sup>[5]</sup>	
Method	ANCOVA	
Parameter estimate	LS mean difference	
Point estimate	0.47	
Confidence interval		
level	95 %	
sides	2-sided	
lower limit	0.34	
upper limit	0.6	

# Notes:

[5] - The 2-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

Statistical analysis title	80 μg/kg rhIGF-1 BID versus 120 μg/kg rhIGF-1 BID	
Statistical analysis description:		
Comparison of 80 µg/kgrhIGF-1 BID group with the 120 µg/kg rhIGF-1 BID group using ANCOVA, where the covariates are the baseline height SD score stratum used in the randomisation, the pretreatment height velocity, the baseline bone age, the baseline chronological age, and sex.		
Comparison groups	120 μg/kg rhIGF-1 BID v 80 μg/kg rhIGF-1 BID	

Number of subjects included in analysis	91
Analysis specification	Pre-specified
Analysis type	superiority
P-value	= 0.0495 [6]
Method	ANCOVA
Parameter estimate	LS mean difference
Point estimate	0.11
Confidence interval	
level	95 %
sides	2-sided
lower limit	0
upper limit	0.22

[6] - The 2-sided p-values for the comparisons are adjusted for multiple comparisons using Dunnett's method.

# Secondary: Mean Change from Baseline in Bone Age at 1 Year End point title Mean Change from Baseline in Bone Age at 1 Year

End point description:

Plain X-rays of the left hand and wrist exposed were taken at baseline and at 1 year for bone age appraisal. The films were sent to a central facility for standardised evaluation. The mean change in bone age from baseline at 1 year (Month 12) is presented for all subjects with both baseline and 1 year bone age measurements.

End point type	Secondary
End point timeframe:	

Baseline and at 1 year.

End point values	Untreated Control	80 µg/kg rhIGF-1 BID	120 µg/kg rhIGF-1 BID	
Subject group type	Subject analysis set	Subject analysis set	Subject analysis set	
Number of subjects analysed	23	40	44	
Units: Years				
arithmetic mean (standard deviation)	0.8 (± 0.3)	1.1 (± 0.4)	1.2 (± 0.5)	

# Statistical analyses

No statistical analyses for this end point

# Secondary: Mean Percent Change From Baseline in Serum Growth Factor Concentrations at 1 Year End point title Mean Percent Change From Baseline in Serum Growth Factor

End point description:

Growth factor panels were drawn at various visits during the study. Blood samples were collected while subjects were in a fasting state for measuring the level of serum IGF-1 and IGF binding protein (IGFBP)-3 and in a non-fasting state for IGF-2 and IGFBP-2. Mean percent change from baseline for each of the growth factor panels 1 year are presented.

Concentrations at 1 Year

n = number of subjects with baseline measurement and 1 year measurements for each of the growth factor panels.

End point type	Secondary
End point timeframe:	
Baseline and at 1 year.	

End point values	Untreated Control	80 µg/kg rhIGF-1 BID	120 µg/kg rhIGF-1 BID	
Subject group type	Subject analysis set	Subject analysis set	Subject analysis set	
Number of subjects analysed	25 <sup>[7]</sup>	44 <sup>[8]</sup>	51 <sup>[9]</sup>	
Units: Percent change				
arithmetic mean (standard deviation)				
IGF-1	64 (± 120)	227 (± 220)	266 (± 215)	
IGF-2	14 (± 28)	-38 (± 37)	-37 (± 32)	
IGFBP-2	-16 (± 26)	58 (± 84)	61 (± 79)	
IGFBP-3	13 (± 33)	-19 (± 22)	-19 (± 28)	

[7] - IGF-1, n=18; IGF-2, n=17; IGFBP-2, n=15; IGFBP-3, n=18

[8] - IGF-1, n= 34; IGF-2, n= 35; IGFBP-2, n= 32; IGFBP-3, n= 34

[9] - IGF-1, n= 42; IGF-2, n= 40; IGFBP-2, n= 34; IGFBP-3, n= 42

# Statistical analyses

No statistical analyses for this end point

#### **Adverse events**

#### **Adverse events information**

Timeframe for reporting adverse events:

Adverse events were collected until 30 days after last subject visit or until resolution (up to approximately 13 months overall).

Adverse event reporting additional description:

All subjects initially randomised to receive 40  $\mu g/kg$  rhIGF-1 BID were analysed together, regardless of actual dose received.

Assessment type	Systematic
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# **Dictionary used**

Dictionary name	MedDRA
Dictionary version	11.0

# Reporting groups

Reporting group title	Untreated Control
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Reporting group description:

Subjects were randomised to the untreated control group and did not receive any investigational medical product for the duration of the 1 year study period.

Reporting group title	40 μg/kg rhIGF-1 BID

Reporting group description:

Subjects were initially randomised to receive  $40 \,\mu g/kg$  rhIGF-1 BID. Following a protocol amendment, subjects in this arm who had not already completed the study at this dose were reassigned to receive  $120 \,\mu g/kg$  rhIGF-1 BID for the remainder of the 1 year study period.

Reporting group title	80 μg/kg rhIGF-1 BID

Reporting group description:

Subjects were randomised to receive 80  $\mu g/kg$  rhIGF-1 BID and received this dose for the duration of the 1 year study period.

Reporting group title	120 μg/kg rhIGF-1 BID
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Reporting group description:

Subjects were randomised to receive 120  $\mu$ g/kg rhIGF-1 BID for the duration of the 1 year study period.

Serious adverse events	Untreated Control	40 µg/kg rhIGF-1 BID	80 µg/kg rhIGF-1 BID
Total subjects affected by serious adverse events			
subjects affected / exposed	1 / 25 (4.00%)	1 / 16 (6.25%)	2 / 44 (4.55%)
number of deaths (all causes)	0	0	0
number of deaths resulting from adverse events	0	0	0
Congenital, familial and genetic disorders			
Cor triatriatum			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Nervous system disorders  Benign intracranial hypertension			

subjects affected / exposed	l	,	
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Intracranial pressure increased			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences causally related to treatment / all	0/0	0/0	1 / 1
deaths causally related to treatment / all	0/0	0/0	0/0
Gastrointestinal disorders			
Gastroenteritis			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0 / 1	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Gastroenteritis escherichia coli			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences causally related to treatment / all	0/0	0/0	0 / 1
deaths causally related to treatment / all	0/0	0/0	0/0
Vomiting			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	1 / 1	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Endocrine disorders			
Hypoglycaemic seizure			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Infections and infestations			
Cellulitis			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0 / 1	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Gastroenteritis viral subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0

Pneumonia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0
Metabolism and nutrition disorders			
Dehydration			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences causally related to treatment / all	0/0	0/0	0/0
deaths causally related to treatment / all	0/0	0/0	0/0

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Serious adverse events	120 µg/kg rhIGF-1 BID	
Total subjects affected by serious adverse events		
subjects affected / exposed	5 / 51 (9.80%)	
number of deaths (all causes)	0	
number of deaths resulting from adverse events	0	
Congenital, familial and genetic disorders		
Cor triatriatum		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0/0	
Nervous system disorders		
Benign intracranial hypertension		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences causally related to treatment / all	1 / 1	
deaths causally related to treatment / all	0/0	
Intracranial pressure increased		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences causally related to treatment / all	0/0	
deaths causally related to treatment / all	0/0	
Gastrointestinal disorders		
Gastroenteritis		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences causally related to treatment / all	0/0	
deaths causally related to treatment / all	0/0	
Gastroenteritis escherichia coli		

subjects affected / exposed	0 / 51 (0.00%)	1	l I
occurrences causally related to	0 / 51 (0.00%)		
treatment / all	070		
deaths causally related to treatment / all	0/0		
Vomiting			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences causally related to treatment / all	0/0		
deaths causally related to treatment / all	0/0		
Endocrine disorders			
Hypoglycaemic seizure			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences causally related to treatment / all	1 / 1		
deaths causally related to treatment / all	0/0		
Infections and infestations			
Cellulitis			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences causally related to treatment / all	0/0		
deaths causally related to treatment / all	0/0		
Gastroenteritis viral			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences causally related to treatment / all	0 / 1		
deaths causally related to treatment / all	0/0		
Pneumonia			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences causally related to treatment / all	0 / 1		
deaths causally related to treatment / all	0/0		
Metabolism and nutrition disorders			
Dehydration			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences causally related to treatment / all	1 / 1		
deaths causally related to treatment / all	0/0		

Frequency threshold for reporting non-serious adverse events: 0 %

Non-serious adverse events	Untreated Control	40 μg/kg rhIGF-1 BID	80 µg/kg rhIGF-1 BID
Total subjects affected by non-serious adverse events			
subjects affected / exposed	23 / 25 (92.00%)	16 / 16 (100.00%)	40 / 44 (90.91%)
Neoplasms benign, malignant and unspecified (incl cysts and polyps)			
Dysplastic Naevus Syndrome			·
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Melanocytic Naevus			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Vascular disorders			
Haematoma			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Surgical and medical procedures			
Orthodontic Procedure			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	2	1
General disorders and administration site conditions			
Injection site bruising			
subjects affected / exposed	0 / 25 (0.00%)	3 / 16 (18.75%)	6 / 44 (13.64%)
occurrences (all)	0	3	10
Injection site noin			
Injection site pain subjects affected / exposed	0 / 05 / 0 00%	0 /1/ /10 500/)	7 / 44 /45 040/ )
	0 / 25 (0.00%)	2 / 16 (12.50%)	7 / 44 (15.91%)
occurrences (all)	0	2	7
Chest Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Fatigue			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	2	0
Feeling Abnormal			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)			
occurrences (an)	0	0	0

subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	2
Flank Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Influenza Like Illness			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Injection Site Erythema			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	4 / 44 (9.09%)
occurrences (all)	О	0	4
Injection Site Haematoma			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	1
Injection Site Haemorrhage			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Injection Site Hypertrophy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	2 / 44 (4.55%)
occurrences (all)	0	3	2
Injection Site Irritation			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	0	0	2
Injection Site Rash			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	4
Injection Site Reaction			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	0	0	2
Injection Site Swelling			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Injection Site Urticaria			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Irritability			

subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	1
		·	·
Malaise			
subjects affected / exposed	0 / 25 (0.00%)	2 / 16 (12.50%)	1 / 44 (2.27%)
occurrences (all)	0	2	1
Non-Cardiac Chest Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
		0	U
Pyrexia			
subjects affected / exposed	4 / 25 (16.00%)	2 / 16 (12.50%)	11 / 44 (25.00%)
occurrences (all)	6	5	15
Immune system disorders			
Drug Eruption			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Hypersensitivity			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Multiple Allergies			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	1
Seasonal Allergy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	2 / 44 (4.55%)
occurrences (all)	0	1	2
Reproductive system and breast			
disorders			
Gynaecomastia subjects affected / exposed	0 / 25 /0 00%	0 /1/ /0 00%	1 / 44 / 0 070/ \
	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Precocious Puberty			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	О	0
Respiratory, thoracic and mediastinal			
disorders			

Cough			
subjects affected / exposed	4 / 25 (16.00%)	4 / 16 (25.00%)	10 / 44 (22.73%
occurrences (all)	7	6	16
Nasal Congestion			
subjects affected / exposed	0 / 25 (0.00%)	4 / 16 (25.00%)	5 / 44 (11.36%)
occurrences (all)	0	5	6
Pharyngolaryngeal pain			
subjects affected / exposed	0 / 25 (0.00%)	3 / 16 (18.75%)	4 / 44 (9.09%)
occurrences (all)	0	3	4
Adenoidal Hypertrophy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Allergic Respiratory Symptom			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	2	0
Asthma subjects affected / exposed	0 / 05 / 0 000/ )	0 /1/ /10 500/	0 ( 4.4 (0 000)
	2 / 25 (8.00%)	2 / 16 (12.50%)	0 / 44 (0.00%)
occurrences (all)	3	3	0
Bronchial Hyperreactivity			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	1	0	1
Dyspnoea Exertional			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Epistaxis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	О	0
Productive Cough			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Pulmonary Hypertension			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Phinitic Alloraia			
Rhinitis Allergic subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)			
coodii ciioco (uii)	1	0	2

Rhinitis Seasonal		1	
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Rhinorrhoea			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	1	0	4
Sinus Congestion			
subjects affected / exposed	1 / 25 (4.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	1	6	0
Snoring			
subjects affected / exposed	0 / 25 (0.00%)	2 / 16 (12.50%)	1 / 44 (2.27%)
occurrences (all)	О	2	1
Tonsillar Hypertrophy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	1
Upper Respiratory Tract Congestion			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	2 / 44 (4.55%)
occurrences (all)	0	1	5
Wheezing			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Psychiatric disorders			
Anger			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	О	О	О
Attention Deficit/Hyperactivity Disorder			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	О	1	0
Disturbance in attention			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Insomnia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Mental Status Changes			

subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	О	О	1
Namasaaaa			
Nervousness subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0 / 23 (0.00%)	0	0 44 (0.00%)
	O	O	
Nightmare			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	0	0	2
Investigations			
Blood Glucose Decreased			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	1	0	1
Blood Glucose Increased			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Blood Thyroid Stimulating Hormone Increased			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Pody Tomporature Increased			
Body Temperature Increased subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)			·
occarrences (any	0	0	0
Eosinophil Count Increased			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Heart Rate Irregular			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	О	0
laivan acionina and accordinal			
Injury, poisoning and procedural complications			
Accidental Poisoning			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	О	О	1
Arthropod Bite			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	17 10 (0.23%)	0
, ,		'	
Clavicle Fracture			

subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Concussion			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Contusion			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Excoriation			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Foreign Body Trauma			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Head Injury			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Heat Exhaustion			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	О	1
Joint Injury			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Joint Sprain			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Laceration			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Post Procedural Discomfort			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Procedural Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Skin Laceration			

subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Thermal Burn			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tooth Fracture			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
	_		_
Upper Limb Fracture			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Wrist Fracture			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
	_	_	_
Cardiac disorders			
Palpitations subjects affected / exposed	0 / 05 /0 00%	0 (1 ( (0 00%)	0 / 44 /0 00%
	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tachycardia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Name and a state of the state of			
Nervous system disorders  Headache			
subjects affected / exposed	4 / 25 (16.00%)	8 / 16 (50.00%)	13 / 44 (29.55%)
occurrences (all)	9	16	30
	,	10	30
Dizziness			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	1
Hypoaesthesia			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
		<u>'</u>	
Lethargy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Migraine			
Ia	I	I .	ı

subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tension Headache			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	4	0
Tremor subjects affected / exposed	0 / 35 (0 00%)	0 / 14 (0 00%)	1 / 44 /2 270/ \
occurrences (all)	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (un)	0	0	1
Blood and lymphatic system disorders			
Iron Deficiency Anaemia subjects affected / exposed	2 ( 25 ( 2 22) )	1 (1 ( ( 0 5 ) )	0 ( 4.4 (0 000)
	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Lymphadenopathy			
subjects affected / exposed	1 / 25 (4.00%)	3 / 16 (18.75%)	0 / 44 (0.00%)
occurrences (all)	1	3	0
Ear and labyrinth disorders			
Ear infection			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	3	1
Ear pain			
subjects affected / exposed	2 / 25 (8.00%)	1 / 16 (6.25%)	3 / 44 (6.82%)
occurrences (all)	2	1	3
Ear Congestion			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Hypoacusis subjects affected / exposed	0 / 35 (0 00%)	0 / 14 (0 00%)	1 / 44 (2 270/ )
occurrences (all)	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (un)	0	0	1
Middle Ear Effusion			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Eye disorders			
Hypermetropia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Pseudopapilloedema			

subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Superficial Injury Of Eye			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Gastrointestinal disorders			
Nausea			
subjects affected / exposed	0 / 25 (0.00%)	4 / 16 (25.00%)	6 / 44 (13.64%)
occurrences (all)	0	5	7
Gastroenteritis			
subjects affected / exposed	0 / 25 (0.00%)	3 / 16 (18.75%)	4 / 44 (9.09%)
occurrences (all)	0	4	7
Abdominal Discomfort			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Abdominal Pain			
subjects affected / exposed	0 / 25 (0.00%)	2 / 16 (12.50%)	2 / 44 (4.55%)
occurrences (all)	0	2	3
Abdominal Pain Upper			
subjects affected / exposed	0 / 25 (0.00%)	2 / 16 (12.50%)	1 / 44 (2.27%)
occurrences (all)	0	2	1
Breath Odour			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	О	1
Chapped Lips			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	О	0
Colitis			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Constipation			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Diarrhoea			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	2	0

Dyspepsia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	0	0	2
Gastritis			
subjects affected / exposed	0 / 25 (0.00%)	4 / 16 (25.00%)	4 / 44 (9.09%)
occurrences (all)	0	4	4
Gastrooesophageal Reflux Disease			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Gingival Hypertrophy			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Inguinal Hernia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	О	О	0
Mouth Ulceration			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	О	0
Procedural Nausea			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Stomach Discomfort			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Toothache			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Vomiting			
subjects affected / exposed	1 / 25 (4.00%)	5 / 16 (31.25%)	9 / 44 (20.45%
occurrences (all)	1	6	17
in and subcutaneous tissue disorders			
Alopecia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Blister			

subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Dermatitis Allergic			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	0	0	3
Dermatitis Contact			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	3 / 44 (6.82%)
occurrences (all)	1	0	3
Eczema			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	1	0	1
Erythema			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Hair Texture Abnormal			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Hyperhidrosis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Hyperkeratosis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	О
Lip Blister			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Lip Swelling			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Pityriasis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
subjects affected / exposed	0 / 25 (0.00%)	0 / 14 (0 00%)	0 / 44 (0.00%)
occurrences (all)	0 / 25 (0.00%)	0 / 16 (0.00%) 0	0 / 44 (0.00%)
	I	U	
Pruritus			

Occurrences (all)	subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         2 / 44 (4.55%)           Rash Generalised subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Macular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Papular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Utricaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Varicella subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Pollakiuria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)<	occurrences (all)	0		1
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         2 / 44 (4.55%)           Rash Generalised subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Macular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Papular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Utricaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Varicella subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Pollakiuria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)				
Occurrences (all)		0 / 25 (0 00%)	0 /1/ (0 00%)	2 / 44 / 4 550/ )
Rash Generalised subjects affected / exposed occurrences (all) 0 0 1  Rash Macular subjects affected / exposed occurrences (all) 0 0 1  Rash Papular subjects affected / exposed occurrences (all) 0 0 1  Rash Papular subjects affected / exposed occurrences (all) 0 0 0 1  Rash Pruritic subjects affected / exposed occurrences (all) 0 0 0 0 0 0  Skin Exfoliation subjects affected / exposed occurrences (all) 1 0 0 0 0  Skin Hypopigmentation subjects affected / exposed occurrences (all) 0 0 0 0  Skin Hypopigmentation subjects affected / exposed occurrences (all) 0 0 1  Urticaria subjects affected / exposed occurrences (all) 0 0 1  Urticaria subjects affected / exposed occurrences (all) 0 1 3  Varicella subjects affected / exposed occurrences (all) 1 0 0 0  Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all) 0 0 1 1  Pollakiuria subjects affected / exposed 1 / 25 (0.00%) 0 / 16 (0.00%) 0 / 44 (0.00%) 0 / 16 (0.00%) 1 / 44 (2.27%) 0 0 0 1 1  Pollakiuria subjects affected / exposed 0 / 25 (0.00%) 0 / 16 (0.00%) 0 / 14 (				
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Macular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Papular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Urticaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         3 / 44 (6.82%)           Varicella subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Pollakiuria subjects affected / exposed         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)	occurrences (an)	0	0	2
Occurrences (all)	Rash Generalised			
Rash Macular subjects affected / exposed occurrences (all) 0 0 1 1 1 44 (2.27%) occurrences (all) 0 0 1 1	subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Rash Papular subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Utricaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         3 / 44 (6.82%)           Varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           Pollakiuria subjects affected / exposed         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)	occurrences (all)	0	0	1
occurrences (all)  Rash Papular subjects affected / exposed occurrences (all)  Rash Pruritic subjects affected / exposed occurrences (all)  O  O  Rash Pruritic subjects affected / exposed occurrences (all)  O  O  O  O  Rash Pruritic subjects affected / exposed occurrences (all)  O  O  O  Skin Exfoliation subjects affected / exposed occurrences (all)  I  O  O  O  Skin Hypopigmentation subjects affected / exposed occurrences (all)  O  O  O  O  Skin Hypopigmentation subjects affected / exposed O/25 (0.00%) O/16 (0.00%) O/16 (0.00%)  O/16 (0.00%) O/14 (0.00%) O/17 (0.00%) O/18 (0.00%) O/	Rash Macular			
Rash Papular subjects affected / exposed	subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0 0 1           Urticaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         1 / 16 (6.25%)         3 / 44 (6.82%)           varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0 0 1         0 / 16 (0.00%)         0 / 44 (0.00%)	occurrences (all)	О	О	1
subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Rash Pruritic subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0 0 1           Urticaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         1 / 16 (6.25%)         3 / 44 (6.82%)           varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0 0 1         0 / 16 (0.00%)         0 / 44 (0.00%)	Rash Papular			
Rash Pruritic subjects affected / exposed occurrences (all)  Skin Exfoliation subjects affected / exposed occurrences (all)  1	1	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
subjects affected / exposed	occurrences (all)	0	0	О
subjects affected / exposed	Rash Pruritic			
occurrences (all)         0         0         0           Skin Exfoliation subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           occurrences (all)         1         0         0         0           Skin Hypopigmentation subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0         1         3           Urticaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         1 / 16 (6.25%)         3 / 44 (6.82%)           occurrences (all)         1         3           Varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           occurrences (all)         1         0         0         1 / 44 (2.27%)           occurrences (all)         0         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0         0         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)		0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
subjects affected / exposed occurrences (all) 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%) 0 / 30 / 30 / 30 / 30 / 30 / 30 / 30 /	occurrences (all)	0	О	0
subjects affected / exposed occurrences (all) 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%) 0 / 30 / 30 / 30 / 30 / 30 / 30 / 30 /	Skin Exfoliation			
Occurrences (all)		1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Urticaria subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       1 / 16 (6.25%)       3 / 44 (6.82%)         Varicella subjects affected / exposed occurrences (all)       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Pollakiuria subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	occurrences (all)	1		
subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Urticaria subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       1 / 16 (6.25%)       3 / 44 (6.82%)         Varicella subjects affected / exposed occurrences (all)       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Pollakiuria subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	Skin Hyponiamentation			
occurrences (all)         0         0         1           Urticaria subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         1 / 16 (6.25%)         3 / 44 (6.82%)           occurrences (all)         0         1         3           Varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           occurrences (all)         0         0         1 / 44 (2.27%)           occurrences (all)         0         0         1 / 44 (2.27%)           occurrences (all)         0         0         1 / 44 (0.00%)           Pollakiuria subjects affected / exposed         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)	1	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       1 / 16 (6.25%)       3 / 44 (6.82%)         Varicella subjects affected / exposed occurrences (all)       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Pollakiuria subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	occurrences (all)			
subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       1 / 16 (6.25%)       3 / 44 (6.82%)         Varicella subjects affected / exposed occurrences (all)       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         Pollakiuria subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	Urticaria			
occurrences (all)         0         1         3           Varicella subjects affected / exposed occurrences (all)         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)           occurrences (all)         1         0         0           Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)         0 / 25 (0.00%)         0 / 16 (0.00%)         1 / 44 (2.27%)           occurrences (all)         0         0         1           Pollakiuria subjects affected / exposed         1 / 25 (4.00%)         0 / 16 (0.00%)         0 / 44 (0.00%)		0 / 25 (0.00%)	1 / 16 (6.25%)	3 / 44 (6.82%)
subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         occurrences (all)       1       0       0         Renal and urinary disorders       Enuresis         subjects affected / exposed       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         occurrences (all)       0       1         Pollakiuria       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	occurrences (all)			
subjects affected / exposed       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)         occurrences (all)       1       0       0         Renal and urinary disorders       Enuresis         subjects affected / exposed       0 / 25 (0.00%)       0 / 16 (0.00%)       1 / 44 (2.27%)         occurrences (all)       0       1         Pollakiuria       1 / 25 (4.00%)       0 / 16 (0.00%)       0 / 44 (0.00%)	Variable			
occurrences (all)  1 0 0 Renal and urinary disorders Enuresis subjects affected / exposed occurrences (all)  0 / 25 (0.00%) 0 / 16 (0.00%) 1 / 44 (2.27%) 0 Pollakiuria subjects affected / exposed 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%)		1 / 25 (4 00%)	0 / 16 (0 00%)	0 / 44 (0 00%)
Renal and urinary disorders  Enuresis  subjects affected / exposed  occurrences (all)  Pollakiuria  subjects affected / exposed  1 / 25 (4.00%)  0 / 16 (0.00%)  0 / 44 (0.00%)				
Enuresis subjects affected / exposed	,	'	Ŭ	Ü
subjects affected / exposed 0 / 25 (0.00%) 0 / 16 (0.00%) 1 / 44 (2.27%) occurrences (all) 0 1  Pollakiuria subjects affected / exposed 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%)	-			
occurrences (all)  0  0  1  Pollakiuria subjects affected / exposed  1 / 25 (4.00%)  0 / 16 (0.00%)  0 / 44 (0.00%)		0 / 25 (0 00%)	0 / 16 (0 00%)	1 / 44 (2 27%)
Pollakiuria subjects affected / exposed 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%)				
subjects affected / exposed 1 / 25 (4.00%) 0 / 16 (0.00%) 0 / 44 (0.00%)				'
( ) 20 ( ) 20 ( ) 37 ( ) 47 ( )				
occurrences (all) 1 0 0		1 / 25 (4.00%)		0 / 44 (0.00%)
, · · · · · · · · · · · · · · · · · · ·	occurrences (all)	1	0	0

Urinary Tract Infection			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	2
Musculoskeletal and connective tissue disorders			
Pain in extremity			
subjects affected / exposed	1 / 25 (4.00%)	1 / 16 (6.25%)	3 / 44 (6.82%)
occurrences (all)	1	1	5
Arthralgia Arthralgia			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	1 / 44 (2.27%)
occurrences (all)	0	1	2
Dock Pain			
Back Pain subjects affected / exposed	0 / 05 / 0 00% }	0 /1/ (0 00%)	1 / 44 / 0 070/ )
	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Musculoskeletal Chest Pain			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Musculoskeletal Stiffness			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
   Myalgia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tendon Disorder			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Infections and infestations			
Upper respiratory tract infection			
subjects affected / exposed	6 / 25 (24.00%)	3 / 16 (18.75%)	10 / 44 (22.73%)
occurrences (all)	7	5	17
Nasopharyngitis			
subjects affected / exposed	2 / 25 (8.00%)	2 / 16 (12.50%)	5 / 44 (11.36%)
occurrences (all)	3	3	5
Gastroenteritis viral			
subjects affected / exposed	0 / 05 / 0 00% }	2 / 1 / / 10 750/ \	0 / 44 /40 40%
	0 / 25 (0.00%)	3 / 16 (18.75%)	8 / 44 (18.18%)
occurrences (all)	0	4	10
Pharyngitis streptococcal			

subjects affected / exposed	2 / 25 (8.00%)	1 / 16 (6.25%)	4 / 44 (9.09%)
occurrences (all)	2	1	6
Influenza			
subjects affected / exposed	1 / 25 (4.00%)	1 / 16 (6.25%)	4 / 44 (9.09%)
occurrences (all)	1	1	7
Otitis media subjects affected / exposed	3 / 25 (12.00%)	3 / 16 (18.75%)	2 / 44 (4.55%)
occurrences (all)	3 / 23 (12.00%)	37 10 (16.75%)	3
, ,		5	
Sinusitis			
subjects affected / exposed occurrences (all)	3 / 25 (12.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (an)	4	0	1
Bronchitis			
subjects affected / exposed	0 / 25 (0.00%)	2 / 16 (12.50%)	1 / 44 (2.27%)
occurrences (all)	0	3	1
Cellulitis			
subjects affected / exposed	2 / 25 (8.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	2	0	0
Croup Infectious			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Ear Infection			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	1	0	3
Hordeolum			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Impotigo			
Impetigo subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1 7 23 (4.00%)	0	0
Labyrinthitis subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
(4.1)			
Molluscum Contagiosum			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	1	0	2
Oral Herpes			

subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	1	0	1
Otitis Externa subjects affected / exposed	1 / 25 / 4 000/ )	0 /1/ (0 00%)	0 / 44 /0 00%
occurrences (all)	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (an)	3	0	0
Otitis Media Acute			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Pharyngitis			
subjects affected / exposed	0 / 25 (0.00%)	1 / 16 (6.25%)	0 / 44 (0.00%)
occurrences (all)	0	1	0
Pneumonia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Rhinitis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	3 / 44 (6.82%)
occurrences (all)	О	О	7
Rotavirus Infection			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Skin Papilloma			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Staphylococcal Skin Infection			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0
Tinea Infection			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tonsillitis			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Tooth Abscess			
subjects affected / exposed	2 / 25 (8.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	2	0	0
Viral Infection			

subjects affected / exposed	2 / 25 (8.00%)	1 / 16 (6.25%)	2 / 44 (4.55%)
occurrences (all)	2	1	2
Viral Upper Respiratory Tract			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Metabolism and nutrition disorders			
Hypoglycaemia subjects affected / exposed	4 (05 (4 00%)	0 (44 (40 50%)	0 / 44 // 000/ )
occurrences (all)	1 / 25 (4.00%)	2 / 16 (12.50%)	3 / 44 (6.82%)
occurrences (an)	1	4	3
Anorexia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	3
Decreased Appetite			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	О	О	1
Dehydration			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Hypercholesterolaemia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Hyperglycaemia			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	2 / 44 (4.55%)
occurrences (all)	1	О	3
Hyperlipidaemia			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	0	0	0
Increased Appetite			
subjects affected / exposed	0 / 25 (0.00%)	0 / 16 (0.00%)	1 / 44 (2.27%)
occurrences (all)	0	0	1
Lactose Intolerance			
subjects affected / exposed	1 / 25 (4.00%)	0 / 16 (0.00%)	0 / 44 (0.00%)
occurrences (all)	1	0	0

Non-serious adverse events	120 μg/kg rhIGF-1 BID	
Total subjects affected by non-serious adverse events		

subjects affected / exposed	50 / 51 (98.04%)	 
Neoplasms benign, malignant and unspecified (incl cysts and polyps)		
Dysplastic Naevus Syndrome		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)		
occurrences (un)	1	
Melanocytic Naevus		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Vascular disorders		
Haematoma		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Surgical and medical procedures		
Orthodontic Procedure		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
General disorders and administration		
site conditions		
Injection site bruising		
subjects affected / exposed	4 / 51 (7.84%)	
occurrences (all)	7	
Injection site pain		
subjects affected / exposed	4 / 51 (7.84%)	
occurrences (all)	6	
Coodin on occ (any	0	
Chest Pain		
subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	4	
Fatigue		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Feeling Abnormal		
subjects affected / exposed	1 / 51 /1 040/ \	
	1 / 51 (1.96%)	
occurrences (all)	1	
Feeling Hot		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	О	
Flank Pain		

cubicate offerted /	1	l
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Influenza Like Illness		
subjects affected / exposed	4 / 51 (7.84%)	
occurrences (all)	4	
Injection Site Erythema		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Injection Site Haematoma subjects affected / exposed	0 / 51 / 0 00%	
	0 / 51 (0.00%)	
occurrences (all)	0	
Injection Site Haemorrhage		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Injection Site Hypertrophy		
subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	3	
Injection Site Irritation subjects affected / exposed	0 / 51 / 0 00% \	
occurrences (all)	0 / 51 (0.00%)	
occurrences (an)	0	
Injection Site Rash		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Injection Site Reaction		
subjects affected / exposed	6 / 51 (11.76%)	
occurrences (all)	19	
Injection Site Swelling		
Injection Site Swelling subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0 7 31 (0.00%)	
- ( )		
Injection Site Urticaria		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Irritability		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Malaise		
เงตเสเรษ	ı	I

subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	4	
Non-Cardiac Chest Pain		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Pain		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Pyrexia		
subjects affected / exposed	13 / 51 (25.49%)	
occurrences (all)	18	
Immune system disorders		
Drug Eruption		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Hypersensitivity		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Multiple Allergies		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Seasonal Allergy		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Reproductive system and breast disorders		
Gynaecomastia		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Precocious Puberty		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Respiratory, thoracic and mediastinal		
disorders Cough		
subjects affected / exposed	7 / 51 (13.73%)	
occurrences (all)	7	

subjects affected / exposed	5 / 51 (9.80%)
occurrences (all)	7
Pharyngolaryngeal pain subjects affected / exposed	4 / 51 / 7 0 40/ \
occurrences (all)	4 / 51 (7.84%)
occurrences (un)	4
Adenoidal Hypertrophy	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Allergic Respiratory Symptom	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Asthma subjects affected / exposed	0 / 51 / 0 00% \
	0 / 51 (0.00%)
occurrences (all)	0
Bronchial Hyperreactivity	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Dyspnoea Exertional	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Epistaxis	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Productive Cough	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	2
Dulmonary Hyportonsian	
Pulmonary Hypertension subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1 / 31 (1.96%)
Rhinitis Allergic	
subjects affected / exposed	2 / 51 (3.92%)
occurrences (all)	2
Rhinitis Seasonal	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Dhin annh as a	
Rhinorrhoea	

subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	3	
Sinus Congestion		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Snoring		
subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	3	
Tonsillar Hypertrophy		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Upper Respiratory Tract Congestion		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Wheezing		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Davida in tria diagrada na		
sychiatric disorders Anger		
subjects affected / exposed	1 / 51 /1 040/ )	
	1 / 51 (1.96%)	
occurrences (all)	1	
Attention Deficit/Hyperactivity Disorder		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
1		
Disturbance in attention		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Insomnia		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	3	
Mental Status Changes		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Nervousness		

subjects affected / exposed	1 / 51 (1.96%)		
occurrences (all)	1		
	·		
Nightmare			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Investigations			
Blood Glucose Decreased			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Blood Glucose Increased			
subjects affected / exposed	4 / 54 /4 0 / 0 /		
	1 / 51 (1.96%)		
occurrences (all)	1		
Blood Thyroid Stimulating Hormone Increased			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Body Temperature Increased			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences (all)	1		
Eosinophil Count Increased			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Heart Rate Irregular			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
	-		
Injury, poisoning and procedural complications			
Accidental Poisoning			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Arthropod Bite			
subjects affected / exposed	2 / 51 (3.92%)		
occurrences (all)			
occurrences (an)	2		
Clavicle Fracture			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Concussion			
OUTICUSSION			1

subjects affected / exposed occurrences (all)	0 / 51 (0.00%)	
Contusion subjects affected / exposed occurrences (all)	3 / 51 (5.88%)	
Excoriation subjects affected / exposed occurrences (all)	0 / 51 (0.00%)	

subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	2	
Tooth Fracture		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Upper Limb Fracture subjects affected / exposed	4 / 54 /4 0/0/)	
	1 / 51 (1.96%)	
occurrences (all)	1	
Wrist Fracture		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
, ,	'	
Cardiac disorders		
Palpitations		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Tachycardia	_ , _ , , ,	
subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	4	
Nervous system disorders		
Headache		
subjects affected / exposed	21 / 51 (41.18%)	
occurrences (all)	35	
Dizziness		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Hypoaesthesia		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Lethargy		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)		
occurrences (an)	0	
Migraine		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Tension Headache		

subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Tremor subjects affected / exposed	0 / 51 / 0 000/ )	
occurrences (all)	0 / 51 (0.00%)	
occurrences (all)	0	
Blood and lymphatic system disorders		
Iron Deficiency Anaemia		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Lymphadenopathy		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Ear and labyrinth disorders		
Ear infection		
subjects affected / exposed	6 / 51 (11.76%)	
occurrences (all)	8	
Ear pain		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	2	
Ear Congestion		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Hypoacusis		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Coodin Gridge (uii)		
Middle Ear Effusion		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Eye disorders		
Hypermetropia		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Pseudopapilloedema		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Superficial Injury Of Eye		

subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Gastrointestinal disorders		
Nausea subjects affected / exposed	0 (51 (0 00%)	
	2 / 51 (3.92%)	
occurrences (all)	2	
Gastroenteritis		
subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	4	
. ,	1	
Abdominal Discomfort		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Abdominal Pain		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Abdominal Pain Upper		
subjects affected / exposed	9 / 51 (17.65%)	
occurrences (all)		
occurrences (an)	12	
Breath Odour		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Chapped Lips		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Colitis		
subjects affected / exposed	0 / 51 (0 00%)	
	0 / 51 (0.00%)	
occurrences (all)	0	
Constipation		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
(- /		
Diarrhoea		
subjects affected / exposed	4 / 51 (7.84%)	
occurrences (all)	4	
Dyspepsia		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	

Gastritis	
subjects affected / exposed	3 / 51 (5.88%)
occurrences (all)	3
Gastrooesophageal Reflux Disease subjects affected / exposed	0 / 51 (0 00%)
occurrences (all)	0 / 51 (0.00%)
occurrences (an)	0
Gingival Hypertrophy	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Inquinal Hornia	
Inguinal Hernia subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1 / 31 (1.70/0)
(4.1)	
Mouth Ulceration	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Procedural Nausea	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1 / 31 (1.70%)
	·
Stomach Discomfort	
subjects affected / exposed	3 / 51 (5.88%)
occurrences (all)	3
Toothache	
subjects affected / exposed	2 / 51 (3.92%)
occurrences (all)	2
	_
Vomiting	
subjects affected / exposed	14 / 51 (27.45%)
occurrences (all)	21
Skin and subcutaneous tissue disorders	
Alopecia	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Dliotor	
Blister subjects affected / exposed	0 / 51 /0 00% \
occurrences (all)	0 / 51 (0.00%)
occurrences (un)	0
Dermatitis Allergic	

subjects affected / exposed	1 / 51 /1 0/0/ )	l
occurrences (all)	1 / 51 (1.96%)	
occurrences (an)	1	
Dermatitis Contact		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Eczema		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
	-	
Erythema		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Hair Texture Abnormal		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Hyperhidrosis		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Hyperkeratosis		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Lip Blister		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Lip Swelling		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Pityriasis subjects affected / exposed	0 (51 (0 553))	
	0 / 51 (0.00%)	
occurrences (all)	0	
Pityriasis Rosea		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Pruritus		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	2	
Rash		

1	1
subjects affected / exposed	2 / 51 (3.92%)
occurrences (all)	2
Rash Generalised	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
	·
Rash Macular	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Rash Papular	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	2
	_
Rash Pruritic	
subjects affected / exposed	1 / 51 (1.96%)
occurrences (all)	1
Skin Exfoliation	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Skin Hypopigmentation	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Urticaria	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Varicella	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Renal and urinary disorders	
Enuresis	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Pollakiuria	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	
occurrences (an)	0
Urinary Tract Infection	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0

Musculoskeletal and connective tissue disorders			
Pain in extremity			
subjects affected / exposed	6 / 51 (11.76%)		
occurrences (all)	7		
Arthralgia			
subjects affected / exposed	2 / 51 (3.92%)		
occurrences (all)	2		
Back Pain			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
, ,			
Musculoskeletal Chest Pain			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences (all)	1		
Musculoskeletal Stiffness			
subjects affected / exposed	0 / 51 (0.00%)		
occurrences (all)	0		
Myalgia			
subjects affected / exposed	3 / 51 (5.88%)		
occurrences (all)	5		
	5		
Tendon Disorder			
subjects affected / exposed	1 / 51 (1.96%)		
occurrences (all)	1		
Infections and infestations			
Upper respiratory tract infection			
subjects affected / exposed	12 / 51 (23.53%)		
occurrences (all)	13		
Nasopharyngitis			
subjects affected / exposed	7 / 51 (13.73%)		
occurrences (all)	12		
Gastroenteritis viral			
subjects affected / exposed	2 / E1 / E 000/ \		
	3 / 51 (5.88%)		
occurrences (all)	3		
Pharyngitis streptococcal			
subjects affected / exposed	7 / 51 (13.73%)		
occurrences (all)	9		
Influenza			
1	1	ı	1

subjects affected / exposed	7 / 51 (13.73%)
occurrences (all)	
550411 011505 (ull)	10
Otitis media	
subjects affected / exposed	4 / 51 (7.84%)
occurrences (all)	6
Sinusitis	
subjects affected / exposed	4 / 51 (7.84%)
occurrences (all)	8
Bronchitis	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Cellulitis	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Croup Infectious	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Ear Infection	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Hordeolum subjects affected / exposed	1 / E1 /1 040/ \
occurrences (all)	1 / 51 (1.96%)
- 30a 3 303 (un)	1
Impetigo	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Labyrinthitis	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Malluccum Contaciosum	
Molluscum Contagiosum subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
- ( )	
Oral Herpes	
subjects affected / exposed	0 / 51 (0.00%)
occurrences (all)	0
Otitis Externa	

subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Otitis Media Acute		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Dharvngitis		
Pharyngitis subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Pneumonia subjects affected / exposed	4 / 54 /4 0/0/	
occurrences (all)	1 / 51 (1.96%)	
occurrences (dii)	1	
Rhinitis		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Rotavirus Infection		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	О	
Skin Panilloma		
Skin Papilloma subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Staphylococcal Skin Infection	0.454.45.55	
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Tinea Infection		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Tonsillitis		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Tooth Absence		
Tooth Abscess subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2 / 31 (3.72%)	
Viral Infection		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Viral Upper Respiratory Tract		

subjects affected / exposed	3 / 51 (5.88%)	
occurrences (all)	3	
Metabolism and nutrition disorders		
Hypoglycaemia		
subjects affected / exposed	9 / 51 (17.65%)	
occurrences (all)	10	
Anorexia		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Decreased Appetite		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	
Dehydration		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Hypercholesterolaemia		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Hyperglycaemia		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Hyperlipidaemia		
subjects affected / exposed	1 / 51 (1.96%)	
occurrences (all)	1	
Increased Appetite		
subjects affected / exposed	2 / 51 (3.92%)	
occurrences (all)	2	
Lactose Intolerance		
subjects affected / exposed	0 / 51 (0.00%)	
occurrences (all)	0	

## More information

## Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

Date	Amendment
05 May 2004	Change in randomisation ratio, number of arms, and dose levels. Subjects were randomised in a 2:3:3 ratio to the untreated control arm or to one of two rhIGF-1 treatment arms at two dose levels: subcutaneous injections BID at 40 or 80 µg/kg body weight. The randomisation ratio was changed to enhance the power of the test. Anthropometry (hand, foot, and jaw lengths) was added to the safety endpoints to detect acromegalic growth. Dose adjustments were revised to allow up-titration of doses to the new specified doses. Certain exclusion criterion were updated and timing of blood draws revised.
15 July 2004	Other sponsor-approved stimulants were allowed in addition to arginine-clonidine GH stimulation tests. Visits 3 and 4 could be combined if all eligibility criteria were met prior to Visit 3. The rhIGF-1 dosing instructions were changed to instruct the subject to eat a meal within 30 minutes of the injection, either before or after.
O1 December 2004	Age range was expanded from 4-10 to 3-10 years for girls, and from 4-11 to 3-11 years for boys.
10 November 2005	Dose levels were increased from 40 or 80 $\mu$ g/kg body weight BID to 80 or 120 $\mu$ g/kg body weight BID. In addition, subjects who were already assigned to a BID of 40 $\mu$ g/kg body weight, prior to Amendment 4, were reassigned to a BID dose of 120 $\mu$ g/kg body weight. Dose adjustments were also revised. Funduscopic examination was added to safety endpoints.

Notes:

## Interruptions (globally)

Were there any global interruptions to the trial? No

## **Limitations and caveats**

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

Following a protocol amendment on 10 November 2005 subjects assigned to 40 µg/kg rhIGF-1 BID arm were excluded from all efficacy analyses.

Notes: