Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 58721

Manuscript Type: CASE REPORT

Long-term survival in a patient with Hutchinson-Gilford progeria syndrome and osteosarcoma: A case report

Hayashi K *et al*. Osteosarcoma with Hutchinson-Gilford progeria syndrome

Katsuhiro Hayashi, Norio Yamamoto, Akihiko Takeuchi, Shinji Miwa, Kentaro Igarashi, Yoshihiro Araki, Hirotaka Yonezawa, Sei Morinaga, Yohei Asano, Hiroyuki Tsuchiya

Abstract

BACKGROUND

Hutchinson-Gilford progeria syndrome (HGPS) is an extremely rare disease characterized by the rapid appearance of aging with an onset in childhood. Serious cardiovascular complications can be life-threatening events for affected patients and the

国内版 国际版

Long-term survival in a patient with Hutchinson-Gilford progeria s

ALL IMAGES VIDEOS

36,300 Results Any time

Hutchinson-Gilford progeria syndrome

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4693362

Sir, **Hutchinson-Gilford progeria syndrome** (HGPS; MIM: 176670) is a rare genetic premature aging disorder that affects the skin, bones, and cardiovascular system.[] It is characterized by progeroid features from a very early age of life, short stature, low birth weight, sclerodermoid features, early loss of hair, marked loss of subcutaneous fat, prominent superficial veins, ...

Cited by: 1 **Author:** Amar Singh Bhukya, Bellum Siva Nagi R...
Publish Year: 2015

Impact of Farnesylation Inhibitors on Survival in ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4082404

Jul 01, 2014 · Background. **Hutchinson-Gilford progeria syndrome** (HGPS) is a sporadic autosomal dominant segmental premature aging disease with an incidence of 1 in 4 million 1.Cardiovascular disease in HGPS is characterized by early and pervasive vascular stiffening, along with later-stage arterial occlusive disease 2-4.These factors are major contributors to an ...

Cited by: 158 **Author:** Leslie B. Gordon, Joe Massaro, Ralph B....
Publish Year: 2014

Microbiome at sites of gingival recession in children with ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6041179

Introduction. **Hutchinson–Gilford progeria syndrome** (HGPS) is a rare premature aging disorder with an estimated incident of 1 in 4–8 million births, 1 and a prevalence of 1 in 20 million living individuals. 2 This **syndrome** is a sporadic, autosomal dominant genetic disorder that is caused by a point mutation in the lamin A (LMNA) gene. 3 The point mutation leads to activation of a cryptic ...

Author: Seyed Hossein Bassir, Isabelle Chas... **Publish Year:** 2018

Hypoparathyroidism in an Egyptian child with Hutchinson ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3269350

Here, we **report** the **case** of a 10-year-old Egyptian child **with Hutchinson-Gilford progeria**

36,100 Results Any time

Impact of Farnesylation Inhibitors on Survival in ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4082404

Jul 01, 2014 · Background. **Hutchinson-Gilford progeria syndrome** (HGPS) is a sporadic autosomal dominant segmental premature aging disease with an incidence of 1 in 4 million 1.Cardiovascular disease in HGPS is characterized by early and pervasive vascular stiffening, along with later-stage arterial occlusive disease 2-4.These factors are major contributors to an accelerated form of premature ...

Cited by: 161 **Author:** Leslie B. Gordon, Joe Massaro, Ralph B. D'...
Publish Year: 2014

Doubled lifespan and patient-like pathologies in progeria ...
https://onlinelibrary.wiley.com/doi/full/10.1111/acel.12852

Dec 12, 2018 · 1 INTRODUCTION. **Hutchinson-Gilford Progeria Syndrome** (HGPS) is caused by LMNA gene mutation and expression of a mutant lamin A protein called progerin, which disrupts nuclear architecture and genome stability and function, promoting cellular senescence (Collins, 2016; Gonzalo & Kreienkamp, 2015; Prokocimer, Barkan, & Gruenbaum, 2013).At the organismal level, progerin ...

Cited by: 9 **Author:** Ray Kreienkamp, Cyrielle Billon, Gonzalo Be...
Publish Year: 2018

An Encouraging Progress Report on the Treatment of ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4322865

Jul 01, 2014 · Two canonical examples are the Werner **syndrome** and the **Hutchinson-Gilford Progeria Syndrome** (HGPS). In both disorders, atherosclerosis is a particularly striking feature, causing the majority of deaths, usually via a myocardial infarction (although cancer is also a common cause of death in Werner **syndrome**, a later-onset disorder).

Cited by: 6 **Author:** Junko Oshima, Fuki M. Hisama, George M. ...
Publish Year: 2014

PEOPLE ALSO ASK

- How effective is Hutchinson-Gilford progeria syndrome?
- Is Hutchinson-Gilford progeria syndrome fatal?
- What are the signs and symptoms of progeria?
- What gene is responsible for progeria?

Feedback

Association of Lonafarnib Treatment vs No Treatment With ...
https://jamanetwork.com/journals/jama/fullarticle/2679278

Apr 24, 2018 · Findings In this cohort study of **27 treated patients with Hutchinson-Gilford progeria syndrome** compared with a pool of 103 contemporaneous **untreated patients**, **treatment** with **lonafarnib monotherapy** compared with no **treatment** was associated with a significantly lower mortality rate (3.7% vs 33.3%) after a median of 2.2 years of follow-up.

Cited by: 74 **Author:** Leslie B. Gordon, Leslie B. Gordon, Heather...
Publish Year: 2018

Microbiome at sites of gingival recession in children with ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6041179

Introduction. **Hutchinson–Gilford progeria syndrome** (HGPS) is a rare premature aging disorder with an estimated incident of 1 in 4–8 million births, 1 and a prevalence of 1 in 20 million living individuals. 2 This **syndrome** is a sporadic, autosomal dominant genetic disorder that is caused by a point mutation in the lamin A (LMNA) gene. 3 The point mutation leads to activation of a cryptic ...

Author: Seyed Hossein Bassir, Isabelle Chase, B... **Publish Year:** 2018

Progeria - Symptoms and causes - Mayo Clinic
https://www.mayoclinic.org/diseases-conditions/...

Overview | Symptoms | Causes | Risk Factors | Complications

Progeria (pro-JEER-e-uh), also known as Hutchinson-Gilford syndrome, is an extremely rare, progressive genetic disorder that causes children to age rapidly, starting in their first two years of life.Children with progeria generally appear normal at birth. During the first year, signs and symptoms, such as slow growth and hair loss, begin to appear.Heart problems or strokes are the eventual cause of death in most children with progeria. The average life expectancy for a child with progeria is...

See more on mayoclinic.org

Could Metabolic Syndrome, Lipodystrophy, and Aging Be ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3118295

The classical human model of premature aging is the **Hutchinson-Gilford Progeria syndrome** (HGPS) [60, 61]. **Progeria** manifestations start at 18 months of age approximately, with alopecia, skeletal defects, distinctive facial appearance, and lipodystrophy [62, 63]. These **patients** also develop dyslipidemia and arterial hypertension .

Hypoparathyroidism in an Egyptian child with Hutchinson ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3269350

Here, we **report** the **case** of a 10-year-old Egyptian child **with Hutchinson-Gilford progeria syndrome** and hypoparathyroidism. **Case** presentation A 10-year-old Egyptian boy was referred to our institution for an evaluation of recurrent attacks of muscle cramps, paresthesia of his fingertips and perioral numbness of two months duration.

Mandibuloacral Dysplasia - NORD (National Organization for ...
https://rarediseases.org/rare-diseases/mandibuloacral-dysplasia

Feb 22, 2012 · An FTI drug known as lonafarnib has been studied for individuals **with Hutchinson-Gilford progeria syndrome** for a minimum of 2 years. Nine **patients** experienced a =50% increase, six experienced a =50% decrease, and 10 remained stable with respect to rate of weight gain.

Wiedemann Rautenstrauch Syndrome - NORD (National ...
https://rarediseases.org/rare-diseases/wiedemann-rautenstrauch-syndrome

Wiedemann HR.: An unidentified neonatal progeroid **syndrome**: follow-up **report**. Eur J Pediatr. 1979;130:65-70. Rautenstrauch T, et al.: **Progeria**: a cell culture study and clinical **report** of familial incidence. Eur J Pediatr. 1977;124:101-11. INTERNET Gordon LB, Brown WT, Collins FS. **Hutchinson-Gilford Progeria Syndrome**. 2003 Dec 12 [Updated 2015 ...

1 2 3 4 5

Search Tools

Turn off Hover Translation (关闭取词)

Microsoft Bing

Long-term survival in a patient with Hutchinson-Gilford progeria syn

ALL IMAGES VIDEOS

36,200 Results Any time

Impact of Farnesylation Inhibitors on Survival in ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4082404

Jul 01, 2014 · Background. **Hutchinson-Gilford progeria syndrome** (HGPS) is a sporadic autosomal dominant segmental premature aging disease with an incidence of 1 in 4 million 1.Cardiovascular disease in HGPS is characterized by early and pervasive vascular stiffening, along with later-stage arterial occlusive disease 2-4.These factors are major contributors to an accelerated form of premature ...

Cited by: 161 **Author:** Leslie B. Gordon, Joe Massaro, Ralph B. D'...
Publish Year: 2014

Doubled lifespan and patient-like pathologies in progeria ...

https://onlinelibrary.wiley.com/doi/full/10.1111/acel.12852

Dec 12, 2018 · 1 INTRODUCTION. **Hutchinson-Gilford Progeria Syndrome** (HGPS) is caused by LMNA gene mutation and expression of a mutant lamin A protein called progerin, which disrupts nuclear architecture and genome stability and function, promoting cellular senescence (Collins, 2016; Gonzalo & Kreienkamp, 2015; Prokocimer, Barkan, & Gruenbaum, 2013).At the organismal level, progerin ...

Cited by: 9 **Author:** Ray Kreienkamp, Cyrielle Billon, Gonzalo Be...
Publish Year: 2018

First Treatment for Progeria Gets FDA Approval - MPR

https://www.empr.com/home/news/first-treatment-for...

Nov 23, 2020 · FDA approves first treatment for **Hutchinson-Gilford Progeria Syndrome** and some progeroid laminopathies. [press release]. Silver Spring, MD: ...

PEOPLE ALSO ASK

How effective is Hutchinson-Gilford progeria syndrome?

Is Hutchinson-Gilford progeria syndrome fatal?

What are the signs and symptoms of progeria?

What gene... progeria?

*新建文本文档.txt - 记事本

Search Tools

Turn off Hover Translation (关闭取词)