



国内版

国际版

Potentially fatal electrolyte imbalance caused by severe hydrofluoric acid burns coi



All

Images

Videos

翻译成中文

关闭取词

10,700 Results

Any time ▾

A review of hydrofluoric acid burn management

www.ncbi.nlm.nih.gov > ... > *Plast Surg (Oakv)* > v.22(2); Summer 2014

Hydrofluoric acid (HF) **causes** a unique chemical **burn**. Much of the current treatment knowledge of HF **burns** is derived from **case** reports, small **case** series, animal studies and anecdotal evidence. The management can be challenging because clinical presentation and severity of these **burns** vary widely ...

Cited by: 7**Author:** Daniel McKee, Achilleas Thoma, Kristy B...**Publish Year:** 2014

Management of a Rare Case With Severe Hydrofluoric Acid ...

journals.sagepub.com/doi/full/10.1177/1534734617736198 ▾

Hydrofluoric acid (HF), a dangerous inorganic **acid**, is widely used in various industries and in daily life. Chemical **burns caused** by HF exposure occur more frequently in some regions worldwide. It has been reported that some cases with HF **burns** can be lethal due to the hypertoxicity of HF. In this article, we present **a case** of a 24-year-old worker who suffered HF **burns** by 53% HF solution to ...

Author: Yuanhai Zhang, Xingang Wang, Yuezh...**Publish Year:** 2017

Hydrofluoric Acid: The Burn that keeps on Burning - EMDocs

www.emdocs.net/hydrofluoric-acid-burn-keeps-burning ▾

Introduction

Pathophysiology/Toxicity

Evaluation

Treatment

Case



Hydrofluoric acid (HF) is one of the most dangerous corrosive inorganic acids due to its ability to destroy body tissue.¹ It is well known for its ability to dissolve silica and glass and is used in numerous industrial processes (e.g. glass etching, brick cleaning, microchip etching, electroplating, and leather tanning) and even as an active ingredient in several household chemicals such as rust remover, aluminum brighteners, and heavy-duty cleaners.² Industrial HF can be as concentrated as 1...

[See more on emdocs.net](#)

Hypocalcemia, Hypomagnesemia, and Hypokalemia ...

https://www.researchgate.net/publication/5463141_Hypocalcemia...

Request PDF on ResearchGate | Hypocalcemia, Hypomagnesemia, and Hypokalemia Following

Hydrofluoric Acid Chemical Injury | Dermal exposure to **hydrofluoric acid** could **potentially** result in

Match Overview



1 **Crossref** 25 words
Lance E. Stuke. "Hydrofluoric Acid Burns: A 15-Year Experience", *Journal of Burn Care & Research*, 11/2008

1%

2 **Crossref** 13 words
M Hatzifotis, A Williams, M Muller, S Pegg. "Hydrofluoric acid burns", *Burns*, 2004

<1%

1 **Name of Journal:** *World Journal of Clinical Cases*

2 **Manuscript NO:** 48418

3 **Manuscript Type:** CASE REPORT

4

5 **Potentially fatal electrolyte imbalance caused by severe hydrofluoric acid**
6 **burns combined with inhalation injury: A case report**

7

8 Fang H *et al.* Hydrofluoric acid burns combined with inhalation injury

9

10 He Fang, Guangyi Wang, Xun Wang, Fang He, Jiandong Su

11

12 **Abstract**

13 **BACKGROUND**

Potentially fatal electrolyte imbalance caused by severe hydro...



All

Images

Videos

翻译成中文

关闭取词

10,400 Results

Any time ▾

Management of a Rare Case With Severe Hydrofluoric Acid ...

https://www.researchgate.net/publication/321056102_Management_of_a_Rare_Case_With...

Dermal exposure to hydrofluoric acid could potentially result in severe serum calcium and magnesium depletion induced by binding with fluoride anion.

(PDF) Extracorporeal membrane oxygenation combined with ...

https://www.researchgate.net/publication/321438949_Extracorporeal_membrane_oxygenation...

Extracorporeal membrane oxygenation combined with continuous renal replacement therapy in cutaneous burn and inhalation injury caused by hydrofluoric acid and nitric acid ... acid burns: a case ...

Hand Chemical Burns - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S0363502314011447>

Chromic acid, like HF, contains an anion that may cause severe systemic toxicity beyond the local caustic acid burn. The hexavalent form is most toxic. Acute renal failure has been reported after burns of only 1% TBSA, and death after 10% TBSA. 14 After immediate lavage, phosphate buffer soaks are applied to bind residual ions.

Cited by: 3

Author: Elliot P. Robinson, A. Bobby Chhabra

Publish Year: 2015

N422 Exam #3 Flashcards | Quizlet

<https://quizlet.com/130124522/n422-exam-3-flash-cards> ▾

death when carboxyhemoglobin - hemoglobin combined with CO blood levels are greater than 20% (death when CO levels reach 20%) symptoms: hypoxia, cherry red skin color, absence of burn injury to skin treatment: 100% humidified O₂

Acute hydrofluoric acid exposure reported to Taiwan Poison ...

journals.sagepub.com/doi/full/10.1177/0960327113499165 ▾

Jul 25, 2013 - Background:Hydrofluoric acid (HF) is a dangerous chemical that can cause severe cutaneous burns as well as possible systemic toxicity.Methods:We retrospectively analyzed all human HF exposure cases reported to the National Poison Control Center of Taiwan between 1991 and 2010.Results:In this 20-year survey, 324 calls were identified, with a majority of dermal exposure (84%).

Cited by: 9

Author: Wu MI, Wu MI, Yang Cc, Yang Cc, Ger J,...

Publish Year: 2014