50,500 Results   Any time ▾

Development of a prediction model for hypotension after ...
https://pubmed.ncbi.nlm.nih.gov/32298292

Naïve Bayes, logistic regression, **random forest**, and artificial neural network **models** were trained to
predict postinduction **hypotension**, occurring between tracheal intubation and incision, using data for th...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Jung,...
Publish Year: 2020

Development of a prediction model for hypotension after ...
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0231172 ▾

Apr 16, 2020 · Naïve Bayes, logistic regression, **random forest**, and artificial neural network **models** were
trained to **predict postinduction hypotension**, occurring between **tracheal intubation** and incision, using...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Jung,...
Publish Year: 2020   Estimated Reading Time: 8 mins

[PDF] Development of a prediction model for hypotension after ...
https://journals.plos.org/plosone/article/file?id=...

logistic regression, **random forest**, and artificial neural network **models** were trained to pre- **dict**
postinduction hypotension, occurring between tracheal intubation and incision, using data for the perio...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Jung,...
Publish Year: 2020

[PDF] Deep Learning to Predict Post-Induction Hypotension
https://www.mdpi.com/1424-8220/20/16/4575/pdf

Aug 14, 2020 · **development** of a **hypotension prediction model** during **anesthesia** using machine learning
is expected to improve the **prognosis after surgery**, as well as provide a useful alternative tool for...

Cited by: 1   Author: Jihyun Lee, Jiyoung Woo, Ah Reum Kang, Y...
Publish Year: 2020

Supervised Machine-learning Predictive Analytics for ...
https://pubmed.ncbi.nlm.nih.gov/30074930

The authors hypothesized that machine-learning methods can provide **prediction** for the risk of
postinduction **hypotension**. Methods: Data was extracted from the electronic health record of a single...

Cited by: 74   Author: Samir Kendale, Prathamesh Kulkarni, Andr...

Development of a random forest model for hypotension prediction

Q ALL   ⊡ IMAGES   ▷ VIDEOS

21,800 Results   Any time ▾

Development of a prediction model for hypotension after …
https://pubmed.ncbi.nlm.nih.gov/32298292

Naïve Bayes, logistic regression, **random forest,** and artificial neural network **models** were trained to **predict postinduction hypotension,** occurring between **tracheal** intubation and incision, using data for the period from between the start of **anesthesia induction** and immediately before **tracheal intubation** obtained from an **anesthesia** monitor, a drug administration infusion pump, an **anesthesia** machine, …

Cited by: 5   **Author:** Ah Reum Kang, Jihyun Lee, Woohyun Jung,…
Publish Year: 2020

Development of a prediction model for hypotension after …
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0231172 ▾

Apr 16, 2020 · Naïve Bayes, logistic regression, **random forest,** and artificial neural network **models** were trained to **predict postinduction hypotension,** occurring between **tracheal** intubation and incision, using data for the period from between the start of **anesthesia induction** and immediately before **tracheal intubation** obtained from an **anesthesia** monitor, a drug administration infusion pump, an **anesthesia** …

Cited by: 5   **Author:** Ah Reum Kang, Jihyun Lee, Woohyun Jung,…
Publish Year: 2020   **Estimated Reading Time:** 9 mins

[PDF] Development of a prediction model for hypotension after …
https://journals.plos.org/plosone/article/file?id=…

RESEARCH ARTICLE **Development** of a **prediction model for hypotension after induction** of **anesthesia** using machine learning Ah Reum Kang ID 1, Jihyun Lee1, Woohyun Jung2, Misoon Lee2, Sun Young Park ID 3, Jiyoung Woo1, Sang Hyun Kim2* 1 SCH Media Labs, Soonchunhyang University, Asan, Chungnam, South Korea, 2 Department of Anesthesiology and Pain Medicine, Soonchunhyang University Bucheon …

Cited by: 5   **Author:** Ah Reum Kang, Jihyun Lee, Woohyun Jung,…
Publish Year: 2020   **Created Date:** 4/14/2020 1:26:58 PM

[PDF] Deep Learning to Predict Post-Induction Hypotension
https://www.mdpi.com/1424-8220/20/16/4575/pdf

Aug 14, 2020 · **development of** a **hypotension prediction model during anesthesia** using machine learning is expected to improve the **prognosis after surgery,** as well as provide a useful alternative tool for anesthesiologists who require rapid and accurate decisions and prompt responses. In this study, we intended to **develop**

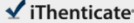**Cited by:** 1   **Author:** Jihyun Lee, Jiyoung Woo, Ah Reum Kang, Y…
Publish Year: 2020

Supervised Machine-learning Predictive Analytics for …

68853_Auto_Edited-check.docx

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 68853

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Development of a random forest model for hypotension prediction after anesthesia induction for cardiac surgery

Li XF *et al*. Random forest model for hypotension prediction

Xuan-Fa Li, Yong-Zhen Huang, Jing-Ying Tang, Rui-Chen Li, Xiao-Qi Wang

Abstract

BACKGROUND

Hypotension after the induction of anesthesia is known to be associated with various adverse events. The involvement of a series of factors makes the prediction of hypotension during anesthesia quite challenging.

Match Overview

1. Internet 24 words
crawled on 09-Apr-2021
doctorpenguin.com — 1%

2. Internet 12 words
crawled on 02-Jul-2021
www.hindawi.com — <1%

3. Crossref 11 words
Defeng Liu, Xiaohang Zhang, Tao Zheng, Qinglei Shi, Yujie Cui, Yongqi Wang, Lanxiang Liu. "Optimisation and evaluatio — <1%

4. Crossref 10 words
Marta Priscilla Bento Fernandes, Miguel Armengol de la Hoz, Valluvan Rangasamy, Balachundhar Subramaniam. "Machin — <1%

5. Crossref 10 words
Shohei Nakatani, Mitsuru Ida, Xiaoying Wang, Yusuke Naito, Masahiko Kawaguchi. "Oral 5-aminolevulinic acid administra — <1%

6. Internet 10 words
crawled on 03-Sep-2020
journals.plos.org — <1%

7. Internet 10 words
crawled on 29-Jun-2021
www.frontiersin.org — <1%

Development of a random forest model for hypotension predictior

ALL   IMAGES   VIDEOS

12,200 Results   Any time ▾

Development of a prediction model for hypotension after ...
https://pubmed.ncbi.nlm.nih.gov/32298292

Naïve Bayes, logistic regression, **random forest,** and artificial neural network **models** were trained to **predict postinduction hypotension,** occurring between **tracheal** intubation and incision, using data for the period from between the start of **anesthesia induction** and immediately before **tracheal intubation** obtained from an **anesthesia** monitor, a drug administration infusion pump, an **anesthesia** machine, ...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Ju...
Publish Year: 2020

Development of a prediction model for hypotension after ...
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0231172 ▾

Apr 16, 2020 · Naïve Bayes, logistic regression, **random forest,** and artificial neural network **models** were trained to **predict postinduction hypotension,** occurring between **tracheal** intubation and incision, using data for the period from between the start of **anesthesia induction** and immediately before **tracheal intubation** obtained from an **anesthesia** monitor, a drug administration infusion pump, an **anesthesia** ...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Ju...
Publish Year: 2020   Estimated Reading Time: 9 mins

[PDF] Development of a prediction model for hypotension ...
https://journals.plos.org/plosone/article/file?id=...

RESEARCH ARTICLE **Development** of a **prediction model for hypotension after induction** of **anesthesia** using machine learning Ah Reum Kang ID 1, Jihyun Lee1, Woohyun Jung2, Misoon Lee2, Sun Young Park ID 3, Jiyoung Woo1, Sang Hyun Kim2* 1 SCH Media Labs, Soonchunhyang University, Asan, Chungnam, South Korea, 2 Department of Anesthesiology and Pain Medicine, Soonchunhyang ...

Cited by: 5   Author: Ah Reum Kang, Jihyun Lee, Woohyun Ju...
Publish Year: 2020   Created Date: 4/14/2020 1:26:58 PM

[PDF] Deep Learning to Predict Post-Induction Hypotension
https://www.mdpi.com/1424-8220/20/16/4575/pdf

Aug 14, 2020 · **development of a hypotension prediction model during anesthesia** using machine learning is expected to improve the **prognosis after surgery,** as well as provide a useful alternative tool for anesthesiologists who require rapid and accurate decisions and prompt responses. In this study, we