

## Accepted Manuscript

Machine learning to predict the occurrence of bisphosphonate-related osteonecrosis of the jaw associated with dental extraction: A preliminary report

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PII: S8756-3282(18)30174-1  
DOI: doi:[10.1016/j.bone.2018.04.020](https://doi.org/10.1016/j.bone.2018.04.020)  
Reference: BON 11631  
To appear in: *Bone*  
Received date: 4 January 2018  
Revised date: 8 April 2018  
Accepted date: 23 April 2018

Please cite this article as: Dong Wook Kim, Hwiyoung Kim, Woong Nam, Hyung Jun Kim, In-Ho Cha , Machine learning to predict the occurrence of bisphosphonate-related osteonecrosis of the jaw associated with dental extraction: A preliminary report. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Bone*(2017), doi:[10.1016/j.bone.2018.04.020](https://doi.org/10.1016/j.bone.2018.04.020)

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**Title Page****Article Type:** Original article**Title:** Machine learning to predict the occurrence of bisphosphonate-related osteonecrosis of the jaw associated with dental extraction: a preliminary report**Authors:** Dong Wook Kim<sup>1</sup>, Hwiyoung Kim<sup>2</sup>, Woong Nam<sup>1,3</sup>, Hyung Jun Kim<sup>1,3</sup>, In-Ho Cha<sup>1,3,\*</sup>**Affiliations:**<sup>1</sup> Department of Oral & Maxillofacial Surgery, Yonsei University College of Dentistry, 50-1 Yonsei-ro, Seodaemun-gu, Seoul, 03722, Republic of Korea<sup>2</sup> Artificial Intelligence Research Institute, 22, Daewangpangyo-ro 712beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13488, Republic of Korea<sup>3</sup> Oral Cancer Research Institute, Yonsei University College of Dentistry, 50-1 Yonsei-ro, Seodaemun-gu, Seoul, 03722, Republic of Korea**Authors' e-mail addresses:**

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E-mail address: [CHA8764@yuhs.ac](mailto:CHA8764@yuhs.ac)**Abstract word count:** 234 words**Total word count:** 3685 words**Total number of figures/tables:** 5 figures and 3 tables.**Total number of supplementary materials:** 1 .pdf file, 2 .csv files.**Number of references:** 29 papers

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