

Accepted Manuscript

High reproduction number of Middle East respiratory syndrome coronavirus in nosocomial outbreaks: Mathematical modelling in Saudi Arabia and South Korea

Sunhwa Choi, Eunok Jung, Bo Youl Choi, Young Joo Hur, Moran Ki



PII: S0195-6701(17)30526-1

DOI: [10.1016/j.jhin.2017.09.017](https://doi.org/10.1016/j.jhin.2017.09.017)

Reference: YJHIN 5231

To appear in: *Journal of Hospital Infection*

Received Date: 4 July 2017

Accepted Date: 20 September 2017

Please cite this article as: Choi S, Jung E, Choi BY, Hur YJ, Ki M, High reproduction number of Middle East respiratory syndrome coronavirus in nosocomial outbreaks: Mathematical modelling in Saudi Arabia and South Korea, *Journal of Hospital Infection* (2017), doi: 10.1016/j.jhin.2017.09.017.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **High reproduction number of Middle East respiratory syndrome coronavirus in nosocomial**
2 **outbreaks: Mathematical modelling in Saudi Arabia and South Korea**

3

4 **Short title:** High reproduction numbers of MERS-CoV

5

6 Sunhwa Choi,¹ Eunok Jung,² Bo Youl Choi,¹ Young Joo Hur,³ Moran Ki^{4*}

7

8 ¹Department of Preventive Medicine, Hanyang University Medical College, Seoul, Korea

9 ²Department of Mathematics, Konkuk University, Seoul, Korea

10 ³Center for Infectious Disease Control, Korea Centre for Disease Control and Prevention, Cheongju, Korea

11 ⁴Department of Cancer Control and Population Health, Graduate School of Cancer Science and Policy,
12 National Cancer Centre, Goyang, Korea

13

14 ***Corresponding author:** Moran Ki, M.D., Ph.D.

15 Department of Cancer Control and Policy, Graduate School of Cancer Science and Policy

16 National Cancer Centre, 323 Ilsan-ro, Ilsandong-gu, Goyang 10408, Korea

17 Tel: +82-31-920-2736, Fax: +82-50-4069-4908, E-mail: moranki@ncc.re.kr

18

19 **Competing interests:** None.

20

21

Download English Version:

<https://daneshyari.com/en/article/8740000>

Download Persian Version:

<https://daneshyari.com/article/8740000>

[Daneshyari.com](https://daneshyari.com)