

Accepted Manuscript

Surgical space suits increase particle and microbiological emission rates in a simulated surgical environment

Dr Praveen Vijaysegaran, MBBS/B Med Sci (Melb)/M App Sci (QUT), Dr Luke David Knibbs, BSc (Macq), MPH (Syd), PhD (Macq), Professor Lidia Morawska, MSc (Jagiellonian University), PhD (Jagiellonian University), Professor Ross William Crawford, MBBS (Qld), D Phil (Oxon), FRACS (Orth)



PII: S0883-5403(17)31115-4

DOI: [10.1016/j.arth.2017.12.009](https://doi.org/10.1016/j.arth.2017.12.009)

Reference: YARTH 56286

To appear in: *The Journal of Arthroplasty*

Received Date: 15 September 2017

Revised Date: 7 December 2017

Accepted Date: 8 December 2017

Please cite this article as: Vijaysegaran P, Knibbs LD, Morawska L, Crawford RW, Surgical space suits increase particle and microbiological emission rates in a simulated surgical environment, *The Journal of Arthroplasty* (2018), doi: 10.1016/j.arth.2017.12.009.

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.

Surgical space suits increase particle and microbiological emission rates in a simulated surgical environment

Dr Praveen Vijaysegaran, MBBS/B Med Sci (Melb)/M App Sci (QUT)¹

Dr Luke David Knibbs, BSc (Macq), MPH (Syd), PhD (Macq)²

Professor Lidia Morawska, MSc (Jagiellonian University), PhD (Jagiellonian University)^{3,4}

Professor Ross William Crawford, MBBS (Qld), D Phil (Oxon), FRACS (Orth)^{1,4}

1. Faculty of Built Environment and Engineering,
School Of Engineering Systems,
Queensland University of Technology,
Brisbane, Australia.

2. Faculty of Medicine,
School of Public Health,
The University of Queensland,
Brisbane, Australia.

3. International Laboratory for Air Quality and Health,
Queensland University of Technology,
Brisbane, Australia.

4. Institute of Health and Biomedical Innovation,
Queensland University of Technology,
Brisbane, Australia.

Please address all correspondence to:

Professor Ross William Crawford
Faculty of Built Environment and Engineering,
School Of Engineering Systems,
Queensland University of Technology,
GPO Box 2434,
Brisbane, Queensland 4001, Australia.
Phone: 0731394481, Mob: 0417420759
Email: r.crawford@qut.edu.au

Download English Version:

<https://daneshyari.com/en/article/8799407>

Download Persian Version:

<https://daneshyari.com/article/8799407>

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