Corrigenda and Addenda

Correction: "Impact of Virtual Care With Remote Automated Monitoring on the Rate of Acute Hospital Care Post Discharge and Index Length of Hospital Stay: Protocol for the Post Discharge After Surgery Virtual Care With Remote Automated Monitoring Technology 3 (PVC-RAM-3) Trial"

Sandra Ofori¹, MBBS, PhD; Michael H McGillion¹, RN, PhD; Flavia K Borges¹, MD, PhD; Carley Ouellette¹, RN, MSc; Ameen Patel¹, MD; David Conen¹, MD, MPH; Maura Marcucci¹, MSc, MD; Michael Ke Wang¹, MD; Lily Jaeyoung Park¹, MSc, MD; Conor Bell¹, BA, MBBCh; Jennifer Lounsbury², RN; Kanae Nagatani², RN; Vikas Tandon¹, MD; Trevor J Wilkieson¹, MSc, MD; Ahraaz Wyne¹, MD; Valerie Harvey³, BSc; Stephanie Harrison³, BHA; Rahima Nenshi¹, MD; Jessica Bogach¹, MD; John Harlock¹, MSc, MD; Margherita Cadeddu¹, MD; Shawn Forbes¹, MSc, MD; Shariq Haider¹, MD; Reza D Mirza¹, MSc, MD; Sunita Narang¹, MD, MPH; Clare J Reade¹, MSc, MD; Daniel M Tushinski¹, MSc, MD; Amit Raut¹, MDCM; Samir Raza¹, MD; Ted Scott², PhD; Anthony Adili¹, MD; Jeremy Petch¹, PhD; PJ Devereaux¹, MD, PhD

Corresponding Author:

Sandra Ofori, MBBS, PhD McMaster University 1280 Main St W Hamilton, ON, L8S 4L8 Canada

Phone: 1 9055212100 ext 41274 Email: oforis@mcmaster.ca

Related Article:

 $Correction\ of: \underline{https://www.researchprotocols.org/2025/1/e72672/}$

Abstract

A substantial proportion of patients require acute hospital care after hospital discharge post surgery, and many regions and countries have surgical backlogs. The Post Discharge After Surgery Virtual Care with Remote Automated Monitoring Technology-3 (PCV-RAM-3) trial tests the hypothesis that informing surgeons and patients of virtual care with remote automated monitoring (VC-RAM) assignment will promote earlier discharge, thereby reducing the index length of hospital stay, and that postdischarge VC-RAM will reduce acute hospital care. The PVC-RAM-3 trial is a randomized controlled trial that compares VC-RAM to standard postdischarge care among 2500 adults undergoing elective noncardiac surgery in 3 Canadian hospitals. Following the randomization of patients prior to surgery, surgeons and patients are immediately notified whether the patient has been allocated to the VC-RAM or control group. Outcome adjudicators remain blinded to each participant's group assignment. Patients in the intervention arm learn to use a Health Canada-approved cellular modem-enabled tablet computer and Bluetooth-enabled remote automated monitoring technology from Cloud DX to take daily wound photos for 7 days and measure daily vital signs (ie, blood pressure, heart rate, oxygen saturation, temperature, and weight) three times daily on days 1-7 and twice daily on days 8-14 post discharge, along with completing a brief recovery survey. Nurses review these data and conduct scheduled virtual visits (days 1, 3, 7, and 14). Nurses will escalate care to a preassigned and available perioperative care physician if predetermined vital sign thresholds are exceeded, concerning symptoms arise, or a medication error is detected. These physicians manage the issues and add or modify treatments as needed. The standard care group will receive postdischarge care as per the standard of care at the hospital where they undergo surgery. The coprimary outcomes are acute hospital care and the index hospital length of stay within the first 30 days after randomization. Study recruitment and follow-up are completed, and analysis of the study results is underway.



¹McMaster University, Hamilton, ON, Canada

²Hamilton Health Sciences, Hamilton, ON, Canada

³Population Health Research Institute, Hamilton, ON, Canada

This trial will offer insights into the role of VC-RAM in reducing acute hospital care and index length of hospital stay among adults undergoing elective surgery. ClinicalTrials.gov NCT05171569; https://clinicaltrials.gov/ct2/show/NCT05171569

(J Med Internet Res 2025;27:e78893) doi: 10.2196/78893

In "Impact of Virtual Care With Remote Automated Monitoring on the Rate of Acute Hospital Care Post Discharge and Index Length of Hospital Stay: Protocol for the Post Discharge After Surgery Virtual Care With Remote Automated Monitoring Technology 3 (PVC-RAM-3) Trial" (JMIR Res Protoc 2025;14:e72672) the authors made one correction to Figure 1.

In the originally published version, the text in Figure 1 appeared as "Patient takes wound photos daily for 7 days, measures vitals

every day on days 1-7 and every other day on days 8-14, and complete recovery survey everyday". The original Figure is available in Multimedia Appendix 1.

The text in Figure 1 has been corrected to "Patient takes wound photos daily for 7 days, measures vitals thrice daily on days 1-7 and twice daily on days 8-14, and completes a recovery survey every day".

Figure 1. Trial flow diagram. RAM: remote automated monitoring.

Patient screening and recruitment Patients undergoing elective surgery are eligible if they meet ALL the following criteria: 18 years of age or older at the time of enrollment, undergoing inpatient elective noncardiac surgery with an expected length of hospital stay ≤ 3 days after surgery, and provide informed consent to participate No exclusion criteria **Informed consent** Randomization Virtual care with RAM versus Standard postdischarge care Virtual care with RAM intervention Standard care Give remote monitoring kit to patient Per participating hospital and Patient takes wound photos daily for 7 days, surgical team measures vitals thrice daily on days 1-7 and twice daily on days 8-14, and completes a recovery survey every day Nurses conduct virtual video visits on days 1, 3, 7, 14 post discharge Physicians conduct virtual video visits on days 1 and 14 post discharge with an optional day 7 30 day follow up Analysis of intervention effect on primary, secondary and tertiary outcomes

Dissemination of results



The correction will appear in the online version of the paper on the JMIR Publications website together with the publication of this correction notice. Because this was made after submission to PubMed, PubMed Central, and other full-text repositories, the corrected article has also been resubmitted to those repositories.

Multimedia Appendix 1

Originally published version of Figure 1. [PNG File, 28 KB-Multimedia Appendix 1]

This is a non-peer-reviewed article. Submitted 14.06.25; accepted 16.06.25; published 10.07.25.

Please cite as:

Ofori S, McGillion MH, Borges FK, Ouellette C, Patel A, Conen D, Marcucci M, Wang MK, Park LJ, Bell C, Lounsbury J, Nagatani K, Tandon V, Wilkieson TJ, Wyne A, Harvey V, Harrison S, Nenshi R, Bogach J, Harlock J, Cadeddu M, Forbes S, Haider S, Mirza RD, Narang S, Reade CJ, Tushinski DM, Raut A, Raza S, Scott T, Adili A, Petch J, Devereaux PJ

Correction: "Impact of Virtual Care With Remote Automated Monitoring on the Rate of Acute Hospital Care Post Discharge and Index Length of Hospital Stay: Protocol for the Post Discharge After Surgery Virtual Care With Remote Automated Monitoring Technology 3 (PVC-RAM-3) Trial"

J Med Internet Res 2025;27:e78893 URL: <u>https://www.jmir.org/2025/1/e78893</u>

doi: 10.2196/78893

PMID:

©Sandra Ofori, Michael H McGillion, Flavia K Borges, Carley Ouellette, Ameen Patel, David Conen, Maura Marcucci, Michael Ke Wang, Lily Jaeyoung Park, Conor Bell, Jennifer Lounsbury, Kanae Nagatani, Vikas Tandon, Trevor J Wilkieson, Ahraaz Wyne, Valerie Harvey, Stephanie Harrison, Rahima Nenshi, Jessica Bogach, John Harlock, Margherita Cadeddu, Shawn Forbes, Shariq Haider, Reza D Mirza, Sunita Narang, Clare J Reade, Daniel M Tushinski, Amit Raut, Samir Raza, Ted Scott, Anthony Adili, Jeremy Petch, PJ Devereaux. Originally published in the Journal of Medical Internet Research (https://www.jmir.org), 10.07.2025. This is an open-access article distributed under the terms of the Creative Commons Attribution License (https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work, first published in the Journal of Medical Internet Research (ISSN 1438-8871), is properly cited. The complete bibliographic information, a link to the original publication on https://www.jmir.org/, as well as this copyright and license information must be included.

