

- [Previous Abstract](#)
- [Next Abstract](#)

FEATURE ARTICLES

Effect of a mu program on c paradigm for

Breslow, Michael J. MD
Stone, David J. MD; To

[Author Information](#)

From VISICU, Baltimore
Medicine, The Johns H
VA (GB, GY, RH); the D
(MD); Clinical Family a
Department of Anesthe
Charlottesville, VA (DJS

Supported, in part, by V

Address requests for reprints to: Michael J. Breslow, MD, VISICU, 2400 Boston Street, Suite 302, Baltimore, MD 21224. E-mail: mbreslow@visicu.com.

The addition of a supplemental, telemedicine-based, remote intensivist program was associated with improved clinical outcomes and hospital financial performance.

Critical Care Medicine [32\(1\):p.31-38, January 2004.](#) | DOI: 10.1097/01.CCM.0000104204.61296.41

- [Buy](#)

Metrics

Abstract

Objective

To examine whether a supplemental remote intensive care unit (ICU) care program, implemented by an integrated delivery network using a commercial telemedicine and information technology system, can improve clinical and economic performance across multiple ICUs.

Design

Before-and-after trial to assess the effect of adding the supplemental remote ICU telemedicine program.

Setting

Two adult ICUs of a large tertiary care hospital.

Patients

A total of 2,140 patients receiving ICU care between 1999 and 2001.

Your Privacy

To give you the best possible experience we use cookies and similar technologies. We use data collected through these technologies for various purposes, including to enhance website functionality, remember your preferences, show the most relevant content, and show the most useful ads. You can select your preferences by clicking the link. For more information about cookies, please review our [Privacy & Cookie Notice](#)

[Manage Cookie Preferences](#)

Reject All Cookies

Accept All Cookies

icine ternative

; Yates, Gary MD;
W. MD

7 and Critical Care
Healthcare, Norfolk,
New York, NY
orfolk, VA (GY); the
Medicine,

ng financial analysis.

Interventions

The remote care program used intensivists and physician extenders to provide supplemental monitoring and management of ICU patients for 19 hrs/day (noon to 7 am) from a centralized, off-site facility (eICU). Supporting software, including electronic data display, physician note- and order-writing applications, and a computer-based decision-support tool, were available both in the ICU and at the remote site. Clinical and economic performance before the intervention.

Measurements and Main Results

Hospital mortality for I risk, 0.73; 95% confidence interval [CI], 3.21–4.04] vs. 4.35 days (from increased case volume).

Conclusions

The addition of a supplemental intensive care unit improved clinical outcomes similar to those reported in other studies using staffing models; however, it may have contributed to the observed increase in ICU length of stay. This on-going focus on ICU performance through a multiple-site program, in addition to the use of intensivists, may provide a means for hospitals to achieve quality improvements associated with intensivist care using fewer intensivists.

Your Privacy

To give you the best possible experience we use cookies and similar technologies. We use data collected through these technologies for various purposes, including to enhance website functionality, remember your preferences, show the most relevant content, and show the most useful ads. You can select your preferences by clicking the link. For more information about cookies, please review our [Privacy & Cookie Notice](#)

[Manage Cookie Preferences](#)

Reject All Cookies

Accept All Cookies

6 vs. 12.9%; relative risk, 3.63 days [95% CI, 3.21–4.04], hospital revenues

associated with improvements was noted intensivist care may have led to the increased length of stay at telemedicine may

© 2004 by the Society of Critical Care Medicine and Lippincott Williams & Wilkins

Full Text Access for Subscribers:



[Individual Subscribers](#)

[Log in for access](#)



[Log in with your SCCM credentials.](#)

Ovid[®]

[Institutional Users](#)

[Access through Ovid[®]](#)

Not a Subscriber?

[Buy](#)

[Subscribe](#)

[Request Permissions](#)

[Become a Society Member](#)

You can read the full text of this article if you:



Your Privacy

To give you the best possible experience we use cookies and similar technologies. We use data collected through these technologies for various purposes, including to enhance website functionality, remember your preferences, show the most relevant content, and show the most useful ads. You can select your preferences by clicking the link. For more information about cookies, please review our [Privacy & Cookie Notice](#)

[Manage Cookie Preferences](#)

Reject All Cookies

Accept All Cookies

Get New Issue Alerts

Never Miss an Issue

Get new journal Tables

Browse Journal Con

- [Most Popular](#)
- [For Authors](#)
- [About the Journal](#)
- [Past Issues](#)
- [Current Issue](#)
- [Collections](#)
- [Register on the website](#)
- [Subscribe](#)
- [Get eTOC Alerts](#)

For Journal Authors

- [Submit an article](#)
- [How to publish with us](#)

Customer Service

- [Activate your journal subscription](#)
- [Activate Journal Subscription](#)
- [Browse the help center](#)
- [Help](#)
- Contact us at:
 - Support: [Submit a Service Request](#)
 - TEL: (USA):
TEL: (Int'l):
800-638-3030 (within USA)
301-223-2300 (international)

[Manage Cookie Preferences](#)

-
-

- [Privacy Policy](#)

- [Legal Disclaimer](#)
- [Terms of Use](#)
- [Open Access Policy](#)
- [Feedback](#)
- [Sitemap](#)
- [RSS Feeds](#)
- [LWW Journals](#)
- [Your California Privacy Notice](#)

• Copyright © 2024
• by the Society of C

Your Privacy

To give you the best possible experience we use cookies and similar technologies. We use data collected through these technologies for various purposes, including to enhance website functionality, remember your preferences, show the most relevant content, and show the most useful ads. You can select your preferences by clicking the link. For more information about cookies, please review our [Privacy & Cookie Notice](#)

[reserved.](#)

[Manage Cookie Preferences](#)

Reject All Cookies

Accept All Cookies