

Clinical outcome

- **Intensive Care**

[Clinical pharmacists' interventions in a German university hospital.](#)

Langebrake C, Hilgarth H.

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[Effects of pharmacist participation in intensive care units on clinical and economic outcomes of critically ill patients with thromboembolic or infarction-related events.](#)

MacLaren R, Bond CA.

Pharmacotherapy. 2009 Jul;29(7):761-8.

[Clinical and economic outcomes of involving pharmacists in the direct care of critically ill patients with infections.](#)

MacLaren R, Bond CA, Martin SJ, Fike D.

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[Clinical pharmacist on intensive care unit saves lives and reduces costs.](#)

Knibbe CA, Tjoeng MM.

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[How to increase return on investment of the intensive care pharmacist - fear of flying.](#)

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Comment to previous article:

[Clinical pharmacists in the intensive care unit: Is there really an equation?](#)

Intensive Care Med. 2006 Aug;32(8):1275-6; author reply 1277. ([→pdf available](#)):

[A prospective study of the impact of a critical care pharmacist assigned as a member of the multidisciplinary burn care team.](#)

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[The critical care clinical pharmacist: evolution of an essential team member.](#)

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[The impact of critical care pharmacists on enhancing patient outcomes.](#)

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[Impact of a pediatric clinical pharmacist in the pediatric intensive care unit.](#)

Krupicka MI, Bratton SL, Sonnenthal K, Goldstein B.

Crit Care Med. 2002 Apr;30(4):919-21. [→pdf available](#)

[Intensive care unit antimicrobial resistance and the role of the pharmacist.](#)

Ibrahim KH, Gunderson B, Rotschafer JC.

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Reduction in heart failure events by the addition of a clinical pharmacist to the heart failure management team: results of the Pharmacist in Heart Failure Assessment Recommendation and Monitoring (PHARM) Study.

Gattis WA, Hasselblad V, Whellan DJ, O'Connor CM.

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Pharmacist participation on physician rounds and adverse drug events in the intensive care unit.

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Pharmacist-conducted medication reconciliation in an emergency department.

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- **Geriatric Care**

[A ward-based pharmacist intervention reduced emergency department visits and drug-related readmissions in elderly patients.](#)

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[A comprehensive pharmacist intervention to reduce morbidity in patients 80 years or older: a randomized controlled trial.](#)

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[Does pharmacist-led medication review help to reduce hospital admissions and deaths in older people? A systematic review and meta-analysis.](#)

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[Optimizing the use of antithrombotic therapy for atrial fibrillation in older people: a pharmacist-led multidisciplinary intervention.](#)

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Cynthia A. Weber, PharmD; Michael E. Ernst, PharmD; Genesis S. Sezate, BS; Shimin Zheng, PhD; Barry L. Carter, PharmD
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The potency of team-based care interventions for hypertension: a meta-analysis.

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- **Use of Antibiotics**

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Patient Safety

- **Morbidity & Mortality**

A comprehensive pharmacist intervention to reduce morbidity in patients 80 years or older: a randomized controlled trial.

Gillespie U, Alassaad A, Henrohn D, Garmo H, Hammarlund-Udenaes M, Toss H, Kettis-Lindblad A, Melhus H, Mörlin C.

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Boyko WL Jr, Yurkowski PJ, Ivey MF, Armitstead JA, Roberts BL.

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- **Medication Errors & ADRs**

Medication errors recovered by emergency department pharmacists.

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