BAXTER READY-TO-USE PARENTERAL NUTRITION (PN) MULTI-CHAMBER BAGS (MCBs)

Solutions to improve patient outcomes and support your environmental sustainability goals.

Industrially prepared ready-to-use MCBs may offer many benefits compared to custom compounded PN while supporting environmentally responsible goals:



37.7 fewer minutes per bag

~65% less preparation time vs. Compounded PN

MCBs MAY LOWER THE RISK OF MEDICATION ERRORS^{4,5}

Medication errors associated with transcription, preparation and administration of PN



A total of 4730 PN prescriptions were written during the study. Of these, 74 (1.6%) of the total prescriptions were associated with a medication error.

Adapted from Sacks G, et al. Pharmacotherapy 2009; 8:966-74

MCBs MAY LOWER THE RISK OF INFECTION^{3,6,7}

Each compounded PN solution can contain



Adapted from Puntis J, et al. Sigma Vitae 2010;5:8-12

19% blood Comp 29.6

19% lower probability for bloodstream infection vs. Compounded PN (24.9% vs. 29.6%, odd ratio = 1.29)²

LOWER RATES OF INFECTION MAY REDUCE PATIENT LENGTH OF STAY





MCBs PN reduced ICU stay by **2.2 days** vs. Compounded PN (9.1 vs 11.3 days, p<.001)²

MCBs PN reduced hospital length of stay by **3.2 days** vs. Compounded PN (19.4 vs. 22.6, p<.001)²

Reducing patient Length of Stay (LOS) may help you reach your sustainability goals.

MCBs MAY CONSERVE NATURAL RESOURCES SUCH AS WATER AND ENERGY, AND REDUCE WASTE.^{2,8}

A length of stay reduction of 3.2 days may reduce hospital environmental impacts:

- Fewer flushes 128 toilet flushes = 768 liters of water⁹
- Less energy consumption 15 days use of 40" HDTV = 85 kWh energy consumption¹⁰
- Less trash produced 2, 13-gallon trash cans = 11 kg waste¹¹



While focusing on patient safety, improving sustainability and performance with Baxter MCBs may:

- Reduce patient length of stay
- Reduce medication error, infection risk, and save preparation time
- Conserve natural resources



Baxter Parenteral Nutrition Multi-Chamber Bags – A positive impact for patient outcome, and environmental and sustainability goals.

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