

Donor Human Milk Banking and the Emergence of Milk Sharing

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KEYWORDS

- Donor human milk banking • Premature infant • Necrotizing enterocolitis
- Risk management • Milk sharing

KEY POINTS

- Provide evidence for the safety and efficacy of feeding donor human milk to premature babies.
- Review current milk banking practices in North America.
- Review the effects of long-term storage, handling, and heat treatment methods on various components of donor human milk.
- Describe risk management and quality control methods in donor human milk banking.

INTRODUCTION

Today in North America, there are 13 donor milk banks that make up the Human Milk Banking Association of North America (HMBANA). These banks are located in San Jose, CA; Denver, CO; Indianapolis, IN; Coralville, IA; Kalamazoo, MI; Raleigh, NC; Columbus, OH; Austin, TX; Fort Worth, TX; Kansas City, MO; Newtonville, MA; Calgary, Alberta; and Vancouver, BC, Canada (<https://www.hmbana.org>). Four more milk banks scattered throughout North America are currently in development and scheduled to open in 2013. These banks are not-for-profit entities. In 2006, Prolacta Bioscience, Inc (Monrovia, CA, USA), was founded as a for-profit entity to provide a commercial alternative to human milk banking, specifically, formulations of human

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