

## Ameda Platinum® Multi-User Breast Pump: Clinical Evidence of Adequate Milk Volumes

The following information was collected from a hospital-based study conducted by T. Larkin, BSN, IBCLC, et al. focusing on exclusively pumping NICU mothers using the Ameda Platinum breast pump<sup>1</sup>. The study results have been published in the February, 2013 edition of *Advances in Neonatal Care*, the official journal of the National Association of Neonatal Nurses (NANN).

### Primary Objective:

Demonstrate the pump's ability to establish a full milk supply for an exclusively pumping NICU mother (> 700mL/day by 14 days postpartum)

### Timeframe:

Pumping with Ameda Platinum initiated within 12 hours of birth, continued for 14 consecutive days

### Subjects:

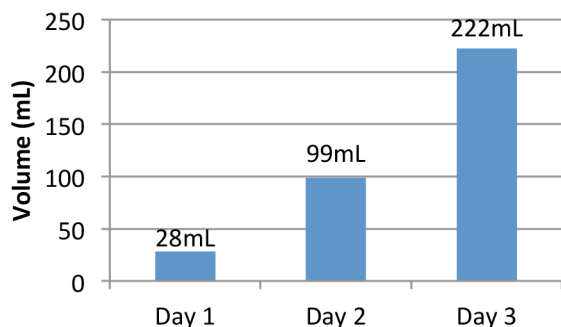
26 mothers who gave birth to preterm infants, 26-32 weeks gestational age

### Frequency of Pumping:

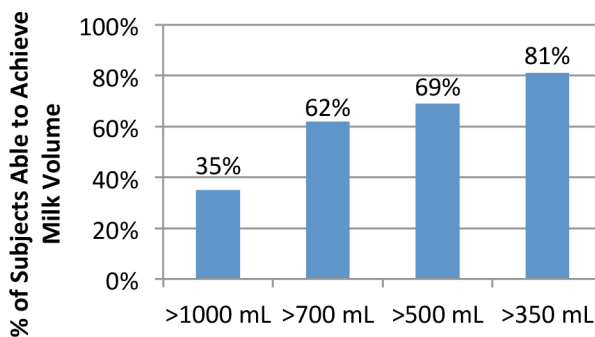
7-8 pumping sessions per 24 hours, each day of the study

## Results: Colostrum and Breast Milk Production

### Colostrum/Breast Milk Volume Days 1 -3

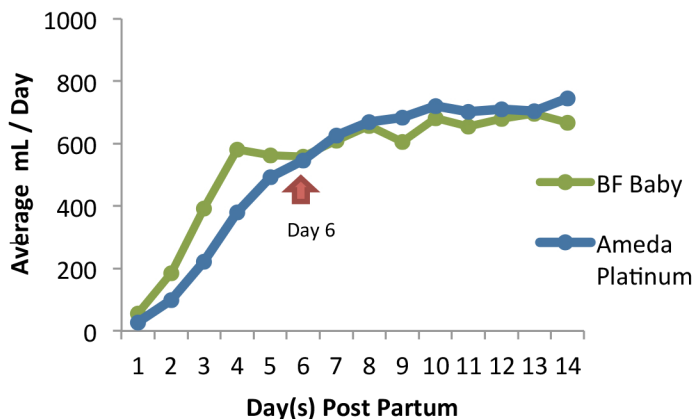


### 24-Hour Milk Volume by Day 14



The average maximum milk production for all subjects was 817mL/day.

### Average Milk Volume (mL) per Day Postpartum Compared to Exclusively Breastfed Baby<sup>2</sup>



Red arrow depicts days to achieve milk production equivalent to full term, healthy, breastfeeding baby<sup>1</sup>

### Quotes from Mothers in the Study

"Pump is easy to use & adjust settings."

"I liked the way it simulated the baby's natural sucking pattern."

"I could put it to the speed and suction comfortable for me."

"I attempted multiple releases by bringing the speed up and lowering the suction when the flow slowed down - it worked very well."

"The separate dials made it easier to do multiple releases and easier to find a comfort level."

1. Larkin T, Kiehn T, Murphy PK, Uhryniak J. Examining the use and outcomes of a new hospital-grade breast pump in exclusively pumping NICU mothers. *Adv Neo Care* 2013;13(1):75-82.

2. Neville, M.C., et al. Studies in human lactation: milk volumes in lactating women during the onset of lactation and full lactation. *Am J Clin Nutr* 1988; 48: 1375-86.

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