

# Understanding Premature Infant Lungs

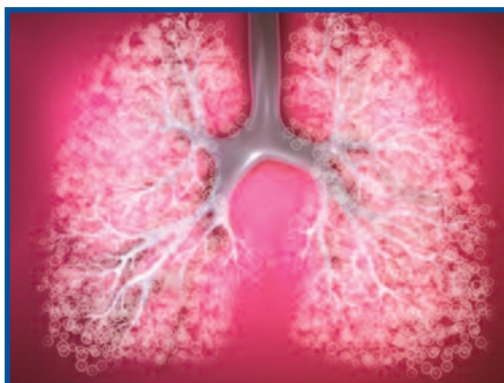
If your baby was born early, you already know how fragile preemie lungs can be.

## PRETERM LUNGS



**24–35** WEEKS  
GESTATIONAL AGE

## TERM LUNGS



**36** WEEKS GESTATIONAL AGE  
TO **3** YEARS OF AGE

Adapted from Moore and Persaud 2003<sup>1</sup>

Babies born early have lungs that are smaller and less developed at birth than those of full-term babies.

Brought to you by  MedImmune



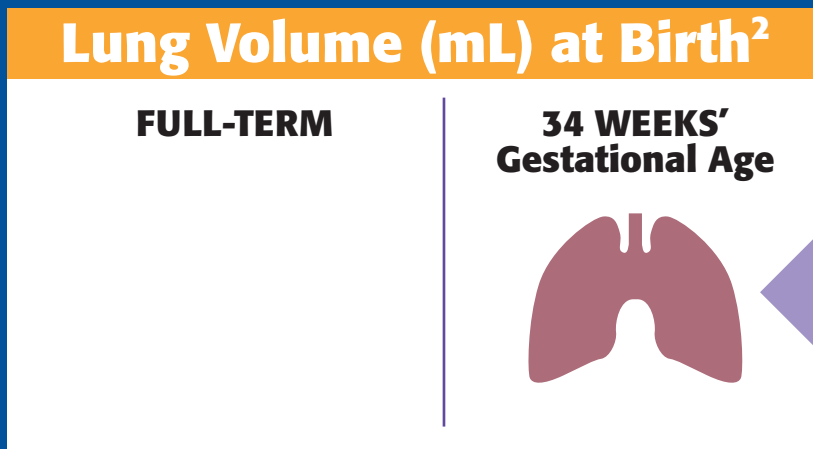
Helping Parents



Navigate The Premature Journey

Visit [www.specialdeliveryhandlewithcare.com](http://www.specialdeliveryhandlewithcare.com)

# Premature birth interrupts the final stages of normal lung development.



**52%**  
of the lung volume seen in full-term infants

<sup>1</sup> Moore KL, Persaud TVN. *The Developing Human: Clinically Oriented Embryology*. 7th ed. Philadelphia, PA: Saunders; 2003:245-251.  
<sup>2</sup> Langston C, Kida K, Reed M, et al. *Am Rev Respir Dis*. 1984;129:607-613.  
<sup>3</sup> Yeung CY, Hobbs JR. *Lancet*. 1968;1:1167-1170.

**This information is for educational purposes only and is not intended to substitute for professional medical advice. Always consult with a healthcare professional if you have any questions about the health of your child.**

Brought to you by

© 2009 MedImmune, LLC MEDI09-UPIL