

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 2003¹

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

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Helping Parents



Navigate The Premature Journey

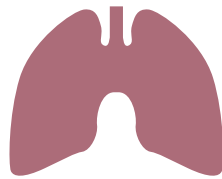
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Premature birth interrupts the final stages of normal lung development.

Lung Volume (mL) at Birth²

FULL-TERM

34 WEEKS' Gestational Age



52%

of the lung volume seen in full-term infants

¹ Moore KL, Persaud TVN. *The Developing Human: Clinically Oriented Embryology*. 7th ed. Philadelphia, PA: Saunders; 2003:245-251.

² Langston C, Kida K, Reed M, et al. *Am Rev Respir Dis*. 1984;129:607-613.

³ Yeung CY, Hobbs JR. *Lancet*. 1968;1:1167-1170.

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