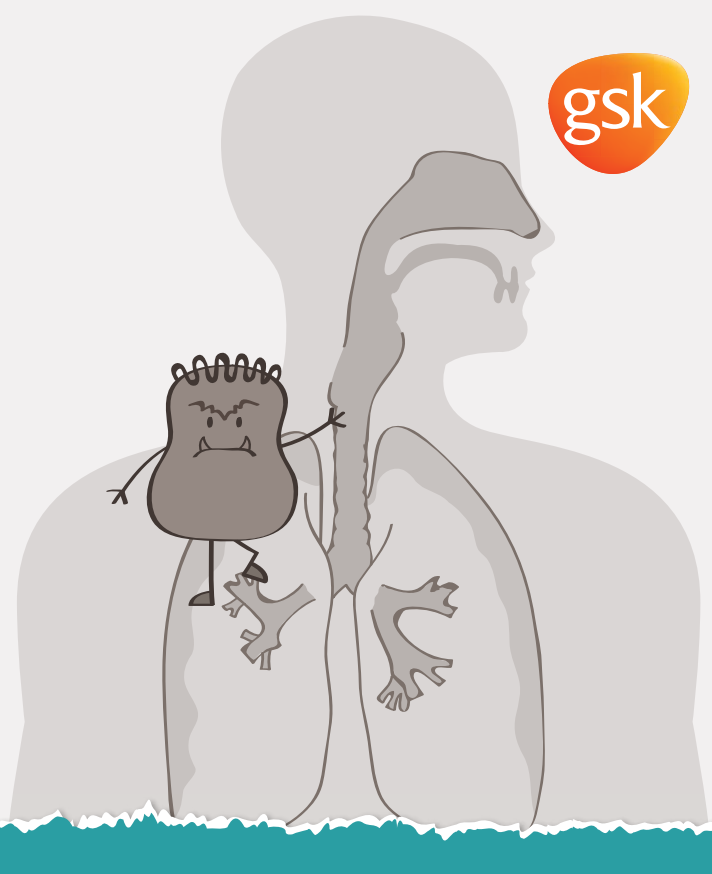


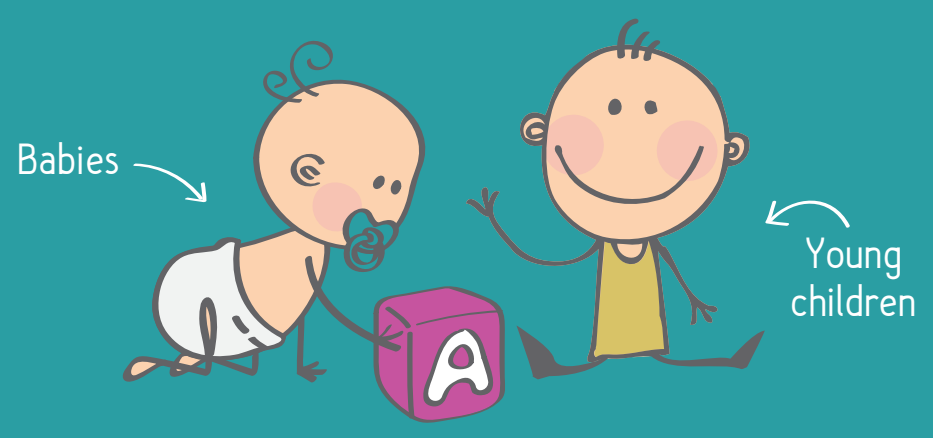
# WHAT IS PNEUMONIA?

Pneumonia is a serious lung infection usually caused by bacteria or virus. *Streptococcus pneumoniae* is the most common cause of bacterial pneumonia in children.<sup>1</sup>



## WHO IS AT RISK OF PNEUMONIA?<sup>2</sup>

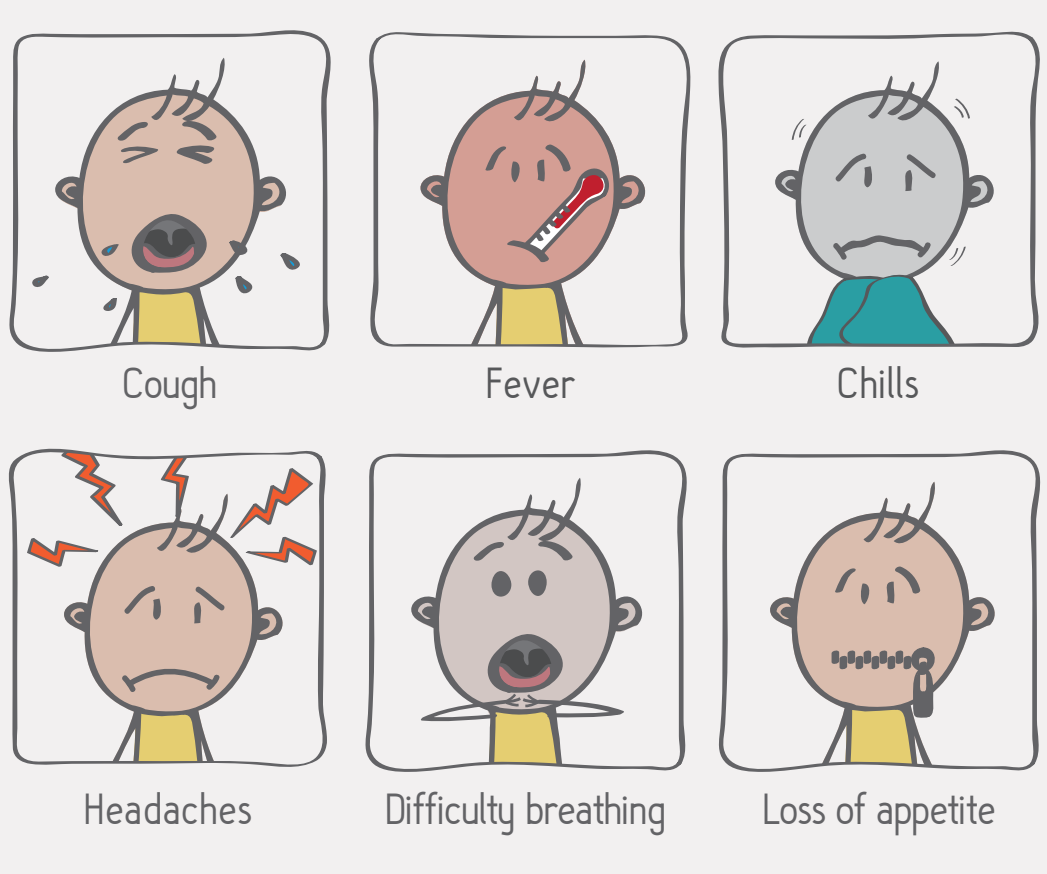
PNEUMONIA IS MOST SERIOUS IN:



IT CAN ALSO BE A PROBLEM IN THE **ELDERLY, SMOKERS AND PEOPLE WITH LUNG CONDITIONS OR A WEAK IMMUNE SYSTEM.**

## WHAT ARE THE SYMPTOMS OF PNEUMONIA?<sup>2,3</sup>

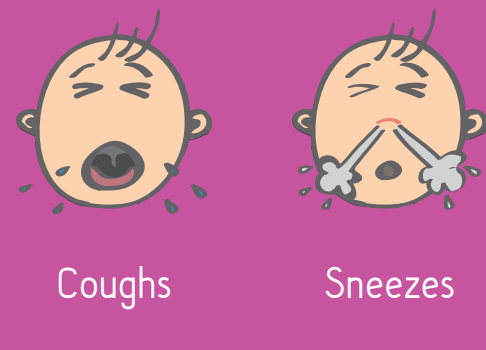
SYMPTOMS VARY DEPENDING ON THE AGE OF THE CHILD<sup>3</sup>



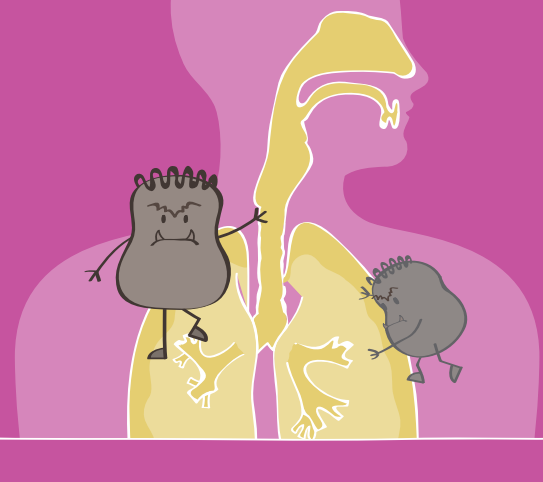
SYMPTOMS CAN SOMETIMES DEVELOP AFTER A COLD OR SORE THROAT.<sup>4</sup>

## HOW COULD YOUR CHILD GET PNEUMONIA?<sup>1,5</sup>

Children can **breathe in bacteria** or **viruses** through the nose or mouth when an infected person:<sup>1,5</sup>



These bacteria and viruses can **infect the lungs** if they are inhaled, potentially leading to the onset of pneumonia<sup>1,5</sup>



## WHAT IS THE IMPACT OF PNEUMONIA IN CHILDREN?

Single largest cause of **death in children <5 years worldwide**<sup>1</sup>



**ALMOST 1 MILLION DEATHS** ESTIMATED ANNUALLY BY WHO<sup>1</sup>

## HOW CAN YOU HELP PROTECT CHILDREN AGAINST PNEUMONIA?<sup>7,8</sup>



Covering mouth when sneezing or coughing



Hand washing



Breast feeding



Smoke-free environment



Vaccination

1. World Health Organization. *Pneumonia fact sheet, November 2016*. Available at: <http://www.who.int/en/news-room/fact-sheets/detail/pneumonia/> (Last accessed Jul 2018). 2. NHS Choices. *Pneumonia*. Available at: <http://www.lung.org/lung-health-and-diseases/lung-disease-lookup/pneumonia/symptoms-causes-and-risk.html> (Last accessed Jul 2018). 3. United Nations Children's Fund/World Health Organization. *The forgotten killer of children 2006*. Available at: [https://www.unicef.org/health/files/Pneumonia\\_The\\_Forgotten\\_Killer\\_of\\_Children.pdf](https://www.unicef.org/health/files/Pneumonia_The_Forgotten_Killer_of_Children.pdf) (Last accessed Jul 2018). 4. The American Lung Association – Understanding Pneumonia. Available at: <https://www.nhs.uk/conditions/pneumonia/> (Last accessed Jul 2018). 5. Public Health Agency of Canada. *Vaccine-Preventable Diseases*. Available at: <https://www.canada.ca/en/public-health/services/immunization/vaccine-preventable-diseases/invasive-pneumococcal-disease/health-professionals.html> (Last accessed Jul 2018). 6. Liu L *et al*. Global, regional, and national causes of under-5 mortality in 2000–15: an updated systematic analysis with implications for the Sustainable Development Goals. *Lancet*, 2016. DOI:10.1016/S0140-6736(16)31593-8. 7. WHO, UNICEF. *The integrated Global Action Plan for Pneumonia and Diarrhoea (GAPPD)*. 2013. Available at: [http://www.who.int/iris/bitstream/10665/79200/1/9789241505239\\_eng.pdf?ua=1](http://www.who.int/iris/bitstream/10665/79200/1/9789241505239_eng.pdf?ua=1) (Last accessed Jul 2018). 8. Centers for Disease Control (CDC). *Respiratory Hygiene/Cough Etiquette in Healthcare Settings*. Available at: <https://www.cdc.gov/flu/professionals/infectioncontrol/resphygiene.htm> (Last accessed Jul 2018).