

8.4% of
U.S.
children
have
asthma

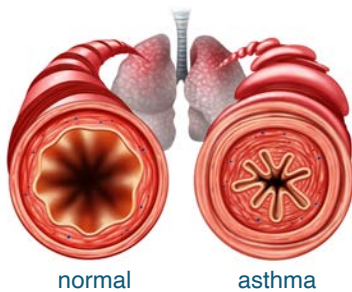


ASTHMA INCREASES THE RISK OF GETTING VERY SICK FROM COVID-19

Asthma occurs when certain triggers cause inflammation in the lungs. This results in coughing, wheezing, breathlessness and tightness in the chest.

People with moderate to severe asthma may be at higher risk of getting very sick from COVID-19 which can affect the respiratory tract, cause an asthma attack, and possibly lead to pneumonia and acute respiratory disease.

Asthma-inflamed bronchial tube



normal

asthma

ASTHMA FACTS

- Asthma is 2x as common among children as adults
- One of the most common chronic childhood diseases
- Nearly **5 million** asthma sufferers are under age **18**
- **3rd** ranking cause of hospitalization for children
- Leading causes of school absenteeism
- Total of **12.8 million** school days are missed annually

Asthma By The Numbers

Outpatient visits	13 million
ER visits	2 million
Absenteeism (School)	12.8 million days
Absenteeism (work)	12 million days
Direct healthcare costs	\$10 billion
Indirect costs	\$8 billion
Total costs	\$19.7 billion





**FAST, CONTINUOUS
UV-C AIR PURIFICATION**

INTEGRATING UV-C AND LIGHTING

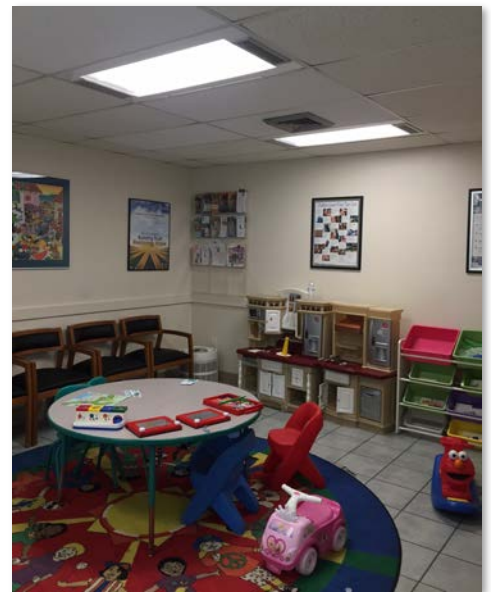
VidaShield integrates UV-C technology into a ceiling light, where it is positioned to maximize coverage.

BENEFITS

- Reduces bacteria and mold that impacts asthma
- Minimizes allergy and asthma triggers
- Improves Indoor Air Quality (IAQ)
- Impacts absenteeism
- Reduces odors

HOW IT WORKS

- Air is drawn into a shielded UV-C chamber
- Asthma-causing microbes are neutralized
- Clean air is then recirculated back into the room
- Treats air equivalent to a 10' x 10' x 8' room, 4 times per hour
- Reduces mold/bacteria that settles on surfaces from treated air



For more information, contact your VidaShield UV24 Sales Representative.

800-831-1222 | info@vidashield.com | www.vidashield.com | cs@medillum.com

