



Happy Holidays



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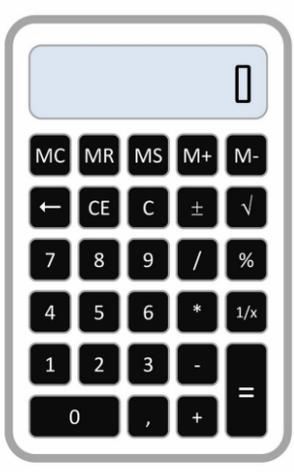
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Zero-particle air saves lives...and millions in costs.

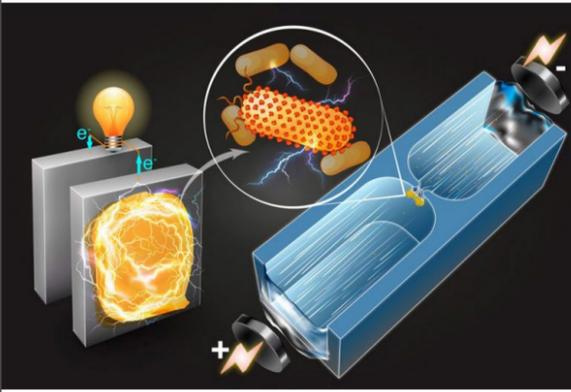


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Today's healthcare centers must continuously strive to improve their patient outcomes. With the many challenges hospitals already face, airborne pathogens in the OR shouldn't be one of them. Yet even the newest conventional laminar airflow found in most ORs uses 30-year old technology that actually delivers dangerous pathogens to the patient during surgery. Where else in the OR are you using 30-year old technology?

As specialists, Precision Air is the only company with the technology to deliver true zero-particle air. If that sounds revolutionary, it is. SurgicAir Zero is a quantum leap beyond standard laminar air technology. [More>>>](#)

New Technique Identifies Electricity-Producing Bacteria



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Microbes screened with a new microfluidic process might be used in power generation or environmental cleanup.

Living in extreme conditions requires creative adaptations. For certain species of bacteria that exist in oxygen-deprived environments, this means finding a way to breathe that doesn't involve oxygen. These hardy microbes, which can be found deep within mines, at the bottom of lakes, and even in the human gut, have evolved a unique form of breathing that involves excreting and pumping out electrons. In other words, these microbes can actually produce electricity. [More >>>](#)

US Steel's Mon Valley Investment Revives Western Pennsylvania



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\$1-billion plant upgrade promises reversal of fortune for mill towns

In Western Pennsylvania—the cradle of the aged United States steel industry—steelmaking has a bright future, thanks to a commitment by US Steel Corp. to spend more than \$1 billion upgrading facilities at its three-plant Mon Valley Works.

The company recently announced it will invest in the three mills just outside Pittsburgh, in the region's so-called "Mon Valley," which is set alongside the Monongahela River. It's a... [More >>>](#)

Boring Machine Begins Tunneling Las Vegas' First Underground People Mover



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The Las Vegas Convention Center's underground people mover will transport attendees throughout the 200-acre campus in all-electric Tesla vehicles.

In a first for Las Vegas and Elon Musk's The Boring Company (TBC), a boring machine began work on the Las Vegas Convention Center's (LVCC) underground people mover last week. The \$52.5 million underground people mover will transport convention attendees throughout the 200-acre campus in all-electric Tesla vehicles. Guests get a tour of the Boring Machine before the Boring Company begins tunneling for the Las Vegas Convention... [More >>>](#)

Building the wall: A construction timeline update

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