

ROBIN HEALTHCARE DIVISION IN THE OPERATING ROOM

The healthcare market continues to expand as doctors and clinics offer more solutions for improved health and well-being. Patients present a broad range of needs, from immediate ER assistance, often lifesaving, to improvements for an individual's quality of life, such as orthopedic joint replacement or cataract surgery. The products produced in our healthcare facility all play a vital role in these medical procedures, and our investment into our Robin Healthcare Division supports the healthcare market growth.

One of the projects recently manufactured in our Healthcare Division began in 2017. Robin was approached by two entrepreneurs with an opportunity to manufacture a device for improved Operating Room (O.R.) safety.

The start-up recognized a gap in O.R. safety for common Light Cables used in various surgical procedures. The light cables used in many lifesaving procedures can expose patients and operating staff to danger as emitted light intensities can reach an external temperature up to 550 degrees Fahrenheit. These heats inside the O.R. bring an inherent risk of burning the patient or igniting accidental fires during procedures. The device that was developed by Robin engineers reduces complexity for surgeons and nurses, while mitigating the risk of surgical complications due to an unplanned burn or fire.

Utilizing our Development Center's design expertise, we partnered with our customer to successfully design and prototype a Silicone O.R. Light Cable safety application that eliminated potential hazards. While doing so, we also designed for optimal full-scale manufacturing, which allowed for a successful, planned, transition from the prototype phase into higher volume production at our Healthcare Division.

Robin's technical expertise and our continuing, substantial, investment in modern healthcare manufacturing allows us to partner with customers in an ever expanding and increasingly complex medical device market to support patients with improved lifesaving applications.

wise words

“Nothing will work unless you do.”

— Maya Angelou

Looking Back

Guess the Year...

- Sally Ride becomes the first American woman in space
- The final episode of M*A*S*H airs.
- French scientist Dr. Luc Montagnier discovers HIV.
- Australia wins the America's Cup for the first time in 132 years.
- The world's most popular word-processing program, Microsoft Word, is launched.
- The video game Mario Bros. is released as a Nintendo arcade game.
- The first mobile phones are introduced to the public by the Motorola Company.
- Margaret Thatcher wins landslide victory in general elections in the UK.
- The popular children's show Fraggle Rock debuts on HBO.
- Seatbelt use for drivers and front-seat passengers becomes mandatory in the United Kingdom.
- Richard Noble sets a new land speed record of 633.468 mph.

The year was 1983.

{ terrific trivia }

1. “Yahoo” is an acronym for “Yet Another Hierarchical Official Oracle.”
2. Fire escapes, windshield wipers, and bulletproof vests were all invented by women.
3. Pieces of bread were used to erase lead pencil marks before rubber came into use.
4. January 4 is National Trivia Day
5. Eighteen percent of Americans put their pets in their wills.

{ top 10 list }

2019 Most Valuable Brands

- | | |
|----------------|--------------|
| 1. Apple Inc. | \$182,8 bln. |
| 2. Google | \$132,1 bln. |
| 3. Microsoft | \$104,9 bln. |
| 4. Facebook | \$94,8 bln. |
| 5. Amazon | \$70,9 bln. |
| 6. Coca-Cola | \$57,3 bln. |
| 7. Samsung | \$47,6 bln. |
| 8. Disney | \$47,5 bln. |
| 9. Toyota | \$44,7 bln. |
| 10. McDonald's | \$41,6 bln. |

Source: fxssi.com



Easy Ways to Become More Environmentally Friendly

Learning to be more environmentally friendly is easier than you think. You don't have to jump in by changing everything, start small to make the changes more sustainable and a part of your normal life. Here are 5 ways you can begin to become more environmentally friendly.

1. Become More Aware of Resources: Start by living with a greater awareness of the resources that you use in your daily life. Pay attention to how you choose to heat, to travel, to use water and use products that were made by manufacturing practices. Awareness is what will allow you to then begin to make environmentally friendly choices.

2. Practice Conservation: With your new awareness of how natural resources are used in your life start to practice conservation. This can be as simple as turning off the lights as you leave a room and as complex as making different choices when it comes to building your home.

3. Plant Trees: Trees are necessary for us to survive. They give oxygen, fruits, clean the air, provide shelter to wildlife, prevent soil erosion. A shady landscape around your home can help

you to reduce consumption of energy and keep your home cool even during summers. Plant small trees around your home, don't cut them unless it's necessary, work with local environmental groups to plant more trees and educate others about the positive aspects of it.

4. Conserve Water: Water needs to be conserved as lot of energy is required to pump water from rivers or lakes into your home. Conserving water reduces the amount of energy that is needed to filter it. Few ways to conserve water are – take short showers, fix leaking pipes, keep the running tap close while you brush your teeth, recycle water in your home, use water saving appliances, collect rainwater in a rain barrel to water your lawn.

5. Change Your Travel Habits: Driving and flying are two areas where you can make a real impact with environmentally friendly practices. Choose fuel efficient travel options, travel less and try to pick more direct routes to save on fuel. If your office is near your home, try to ride a bicycle instead of a car.

Did You Know?

- In 1900, the average person's life expectancy was 47.
- People with high IQs tend to dream more than the average person.
- In 2009, one out of eight couples married in the United States met each other online. Today, it's one in six.
- The Earth gets approximately 100 tons heavier each day from falling space dust.”
- Dirty snow melts faster than clean snow.



Upcoming Events

**MD&M West at
Anaheim Convention Center**
February 11-13, 2020 • **Booth #1815**
Anaheim, CA
www.mdmwest.com



**MD&M East at
Javits Convention Center**
June 9-11, 2020 • **Booth #1721**
New York, NY
www.mdmeast.com



See you at the shows!



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