

Monitoring critical research is **essential...**

What if you have an **equipment failure?**

KEEPING SAMPLES COLD, VERY COLD

Late in May 2011, a freezer failed at a hospital just outside of Boston. This freezer contained brains provided by Autism Speaks. For some reason, the typically - 80° C temperatures climbed to about 7° C, which damaged at least 54 samples. This accident raised awareness in the public and the scientific world about the value of keeping samples frozen.

Reference: RDMAG.COM

What if you have a **human error?**

FINGERS POINTED BUT FAULT UNCLEAR AFTER BUNGLED FREEZER MOVE

More than a decade of scientific research is feared lost after a laboratory-grade freezer was mishandled. In a last-minute shuffle, without members of the team present, the freezer was moved to a different room in the same lab where it was plugged in but left switched off overnight. The ultra-low temperature cooler contained both animal and human tissues that were part of a long-term cancer study by scientists.

Reference: HJNEWS.COM

What if you have **financial consequence?**

CHICAGO LAW FIRM FILES 40 SEPARATE LAWSUITS IN CIRCUIT COURT

Men hoped to preserve their chances for fathering biological children by storing sperm samples. The lawsuits claim the hospital and medical faculty failed to monitor the cryopreservation system. A storage tank and its alarm system failed. The round-the-clock alarm system didn't alert technicians to the problem and samples suffered "adverse impact."

Reference: CBSNEWS.COM

FOUNDATION LAUNCHES MULTI-MILLION DOLLAR LAWSUIT

Michael J. Fox's charity is suing its former laboratory claiming it set back Parkinson's Research and cost the foundation millions of dollars when someone in the lab left a freezer door open. The suit says the samples were worth more than \$3.5 million and the incident has done untold damage to the five year, \$45 million project.

Reference: DAILYMAIL.COM



How PulseCMC™ Helps
Equipment and devices will eventually fail, and possibly with little or no warning. Pulse can alert you when equipment is not working within specifications.



How PulseCMC™ Helps
The alarm and alert functionality of Pulse can be relied on to mitigate conditions caused by carelessness or mistakes.



How PulseCMC™ Helps
Pulse allows you to monitor critical or irreplaceable assets and the equipment used in their care. When there is no second chance, you can rely on Pulse.



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See PulseCMC improve your facility by contacting your Edstrom sales consultant or visiting www.edstrom.com/pulse/

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