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Quarterly health and wellness newsletter from WorldCare International, Inc.



2018 has already proven to be a very busy year for WorldCare. Take a look below to discover what we've been up to so far this year and learn about the medical innovation happening at the top-ranked research and academic hospitals of The WorldCare Consortium®.

Member Testimonial

- Hear how Courtney's life was changed by a medical second opinion from WorldCare! [Watch video.](#)

Recognition/Awards

- [Top 10 Most Innovative Telemedicine Solution Providers in 2018](#)
- [2018 Aster Awards](#)

News Stories

- [The Best for All - International Hospitals & Healthcare Review](#)
- [Mental Health MSOs and Marijuana in Workplaces - Benefits & Pensions Monitor](#)
- [Redefining E-healthcare Systems Globally - Mirror Review](#)
- [WorldCare International and Wello speak at Benefits & Pensions Monitor Conference](#)

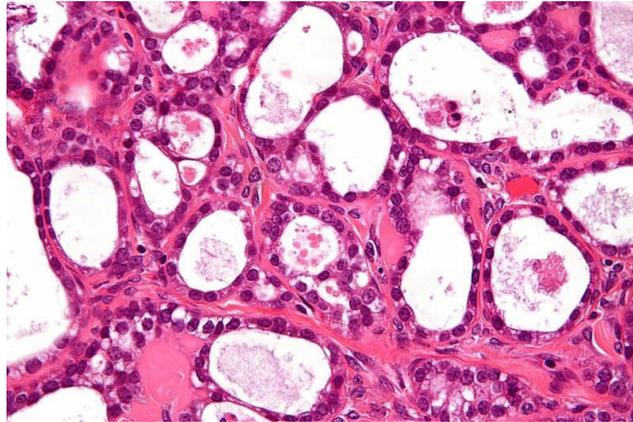
In this issue of *Health Update*, your member-only WorldCare newsletter, you'll find ground-breaking news from the experts at [WorldCare Consortium®](#) hospitals, hospitals only we can provide you with a direct link to when you need it most. We hope you find this information informative and insightful. Remember to follow us on [Twitter](#), [Facebook](#), [YouTube](#), [Google+](#) and [LinkedIn](#) for daily updates on important health topics and day-to-day WorldCare news.

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Researchers at WorldCare Consortium® member Dana-Farber Cancer Institute identify small genetic script that causes drug resistance in some ovarian cancers

Source: [Dana-Farber Cancer Institute](#)

Scientists at WorldCare Consortium® member Dana-Farber Cancer Institute have identified a tiny piece of genetic code in certain ovarian tumors that makes them resistant to platinum chemotherapy and PARP inhibitor drug treatment. The short genetic script, a microRNA or miRNA, alters molecular pathways in ovarian tumor cells that harbor a BRCA2 mutation, which restores the cells' ability to repair damage caused by drug treatments. The resistance mechanism, called miR-493-5p, only occurred in BRCA2-mutant ovarian cancers and not ovarian cancers containing a BRCA1 mutation. The study showed that women with ovarian cancer who carried a BRCA2 mutation and also had high activity of miR-493-5p in their cancer cells had much worse survival following platinum chemotherapy treatment than those whose cells had low activity of the microRNA. MiRNAs are a family of small pieces of the genetic material RNA that don't carry the code to make a protein. They regulate a wide range of biological processes and have been found to be frequently abnormally regulated in cancer cells.



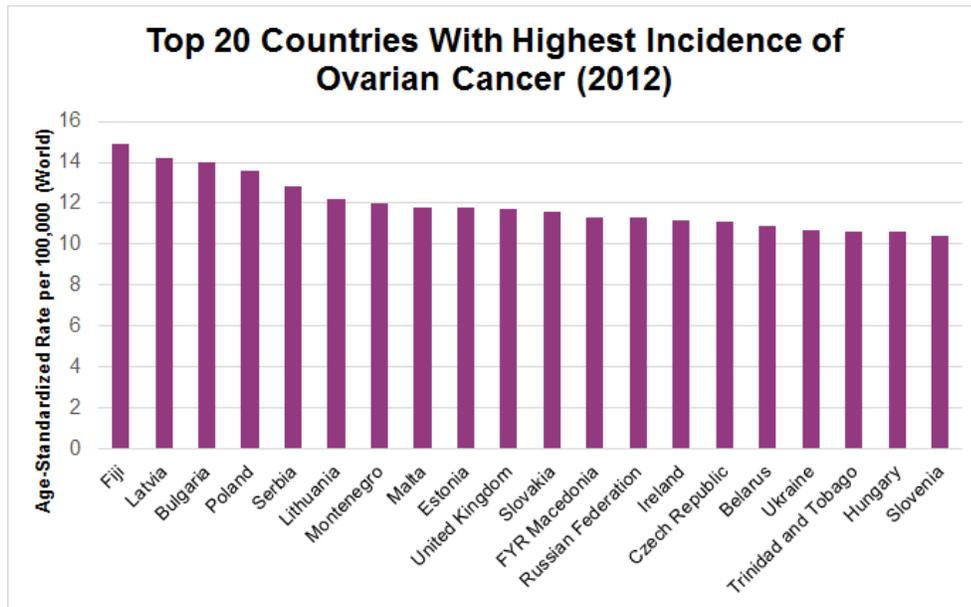
[Read the full story here.](#)

"We are very grateful for the prompt and thorough handling of our situation by WorldCare. We feel the diagnosis and recommendations will be very helpful to our treatment program."

- Michael, WorldCare member

Ovarian Cancer Incidence by Country

Source: [World Cancer Research Fund International](#)

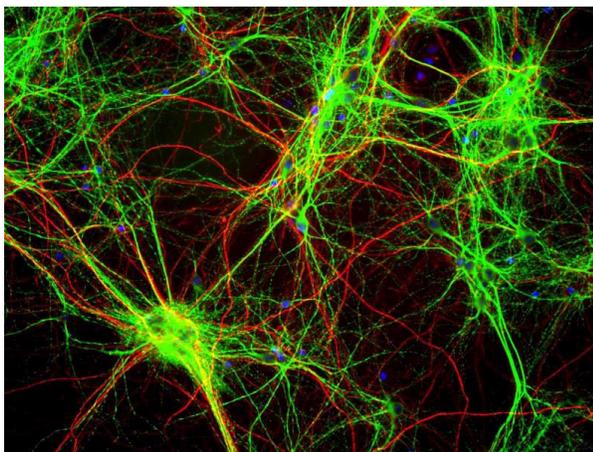


If you have been diagnosed with cancer or suspect a cancer diagnosis, contact us today for an expert MSO.

[Request service.](#)

Neuroscientists at WorldCare Consortium® member UCLA Health pioneer new method for watching brain cells interact that could deepen understanding of neurological disorders

Source: [UCLA Health](#)



An advance by neuroscientists at WorldCare Consortium® member UCLA Health could lead to a more in-depth understanding of star-shaped brain cells called astrocytes, which are believed to play a key role in neurological disorders like Lou Gehrig's, Alzheimer's and Huntington's diseases. A new method allows researchers to peer inside a mouse's brain in real time and watch astrocytes' influence over the communication between nerve cells. Fluorescence resonance energy-transfer microscopy, or FRET microscopy, a technique that uses light to measure the tiniest of distances between molecules, makes the test possible.

[Read the full story here.](#)

Have you been diagnosed with a serious neuro-degenerative

disease and want confirmation of diagnosis and recommendations for the optimal treatment pathway?

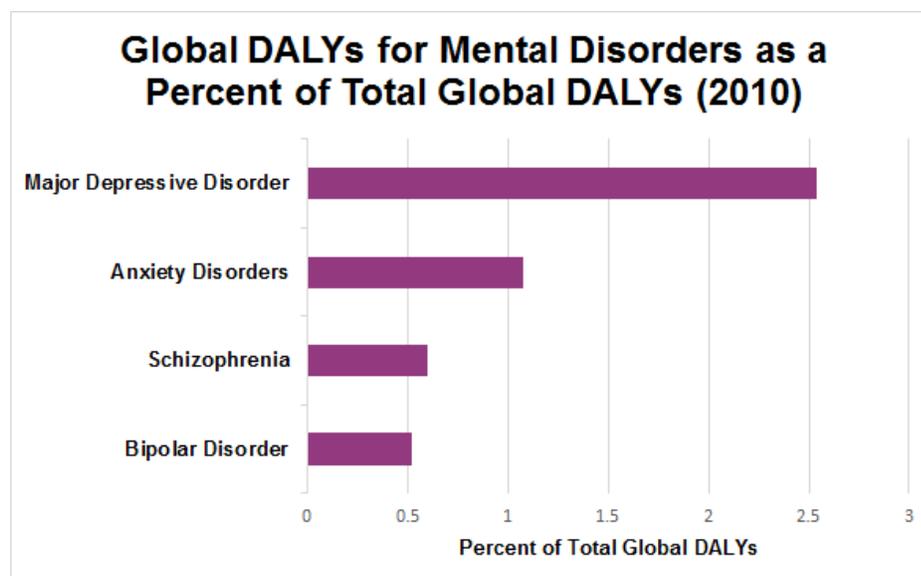
Contact us today.

Percent of Global Disability-Adjusted Life Years Contributed by Mental and Behavioral Disorders

Source: [National Institute of Mental Health](#)

The burden of disability associated with a disease or disorder can be measured in units called disability-adjusted life years (DALYs). DALYs represent the total number of years lost to illness, disability, or premature death within a given population, and are calculated by adding the number of years of life lost to the number of years lived with disability (YLDs) for a certain disease or disorder.

As May is Mental Health Awareness Month, we are sharing with you the impact that major mental health conditions have globally. The World Health Organization (WHO) estimates that 7.4 percent of global DALYs are caused by disorders in the mental and behavioral disorders category.



Watch our talk on **Mental Health Second Opinions at Benefits & Pensions Monitor's event.**

Subscribe to our blog.

"I felt like someone was listening and cared about what I was going through trying to get help for my daughter."

- Lisa, WorldCare member

See what's happening on our social sites:



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