

Saraswati Dental College, Faizabad Road, Lucknow

Science Update Notice Board

April 2016

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<http://www.foxnews.com/health/2016/02/23/regulators-suspend-minnesota-dentists-license-after-teens-death-during-wisdom-tooth-removal.html>

Regulators suspend Minnesota dentist's license after teen's death during wisdom tooth removal

Minnesota state regulators have suspended the license of the dentist who oversaw the **wisdom tooth extraction** of a teenage patient who later died of cardiac arrest.

The Star Tribune reported the Minnesota Board of Dentistry found that Dr. Paul Tompach, of Edine Oral and Maxillofacial Surgery, "failed to appropriately manage a medical emergency, and enabled medical personnel (i.e., an unlicensed dental assistant, licensed dental assistant, and student intern) to perform tasks which exceeded the legal scope of practice." The board's order stated it "received credible information" to confirm those claims.

Sydney Galleger, a junior at an Eden, Minnesota, high school, died June 15, 2015, after getting her wisdom teeth removed and going into convulsions at the clinic where Tompach worked.

Bridgett Anderson, the board's executive editor, said Tompach permitted an uncertified dental assistant to monitor Galleger as she received anesthesia, The Star Tribune reported.

According to the newspaper, Tompach declined to comment.

"What started out as a normal day soon turned anything but normal," Diane Galleger, 17-year-old Sydney's mother, wrote on a since-closed Caring Bridge page that was set up prior to Sydney's death. "Sydney went in this morning for a simple, common wisdom teeth extraction. All went good until the very end when her blood pressure shot up and her pulse dropped and then she went into cardiac arrest."

"We are so devastated that this happened to our precious daughter and are still trying to process and make sense of it all," Diane Galleger had written.

Quote of the Day

Maintain the balance of responding to situations with a cool head and to people with a warm heart.

<http://dentistrytoday.com/todays-dental-news/9742-why-did-the-turtle-go-to-the-dentist>

Why Did the Turtle Go to the Dentist?

When a sea turtle in Florida, USA was suffering from a cracked shell, a dentist came to her rescue.

Using an acrylic resin denture adhesive, Dr. Fred Troxel was able to bond two metal plates over the 10-inch split. The Florida Keys Turtle Hospital has been caring for the 40-pound turtle, fixing injuries that are believed to have been caused when she was struck by a boat.

Dr. Troxel has treated turtles before, so he was called in for assistance when hospital staff was having difficulty getting anything to adhere to the turtle's shell. He compared the procedure to contemporary dentistry, pointing out that dentists regularly bond restoratives to teeth, an organic substance. Bonding the plates to the shell utilized that same principle.

The turtle, named Elena, has a number of injuries, but the turtle hospital is optimistic that she will recover and be let back to the sea.

Quote of the Day

Thousands of candles can be lit from a single candle,

and the life of the candle will not be shortened.

Happiness never decreases by being shared!!

<http://timesofindia.indiatimes.com/world/WHO-Zika-virus-a-global-public-health-emergency/articleshow/50812924.cms>

WHO: Zika virus a global public health emergency

Reuters | Feb 2, 2016, 12.29 AM IST

The World Health Organization on Monday declared the mosquito-borne Zika virus to be an international public health emergency as the disease linked to thousands of birth defects in Brazil spreads rapidly. WHO Director-General Margaret Chan told reporters an international coordinated response was needed, although restrictions on travel or trade were not necessary.

The emergency designation was recommended by a committee of independent experts to the United Nations agency following criticism of a hesitant response so far. The move should help fast-track international action and research priorities.

According to the WHO, Zika virus was "spreading explosively" and could infect as many as 4 million people in the Americas.

The agency was criticised for reacting too slowly to the Ebola epidemic in West Africa which killed more than 10,000 people, and has promised to do better in future global health crises.

The WHO's International Health Regulations emergency committee brings together experts in epidemiology, public health and infectious diseases from the Americas, Europe, Asia and Africa.

Top Comment

India should take all precautions to prevent it entering India with spot checkup at all airports and seaports, etc. of suspected cases.

Quote of the Day

Never see what has been done;

Only see what remains to be done!

The impact factor (IF)

The impact factor (IF) of an academic journal is a measure reflecting the average number of citations to recent articles published in the journal.

It is frequently used as a proxy for the relative importance of a journal within its field, with journals with higher impact factors deemed to be more important than those with lower ones.

The impact factor was devised by Eugene Garfield, the founder of the Institute for Scientific Information. Impact factors are calculated yearly for those journals that are indexed in the Journal Citation Reports.

Calculation

In a given year, the impact factor of a journal is the average number of citations received per paper published in that journal during the two preceding years. For example, if a journal has an impact factor of 3 in 2008, then its papers published in 2006 and 2007 received 3 citations each on average in 2008. The 2008 impact factor of a journal would be calculated as follows:

A = the number of times that articles published in 2006 and 2007 were cited by indexed journals during 2008.

B = the total number of "citable items" published by that journal in 2006 and 2007. ("Citable items" are usually articles, reviews, proceedings, or notes; not editorials or letters to the editor.)

2008 impact factor = A/B .

Note that 2008 impact factors are actually published in 2009; they cannot be calculated until all of the 2008 publications have been processed by the indexing agency.

New journals, which are indexed from their first published issue, will receive an impact factor after two years of indexing

The impact factor relates to a specific time period; it is possible to calculate it for any desired period, and the Journal Citation Reports (JCR) also includes a 5-year impact factor. The JCR shows rankings of journals by impact factor, if desired by discipline, such as organic chemistry or psychiatry.

Quote of the Day

The most essential prayer is patience.