Dubai: The Dubai Health Authority announced earlier its full support to the fifteenth edition of the UAE International Dental Conference and Arab Dental Exhibition (AEEDC Dubai) which will be held from 1 to 3 February at the Dubai International Convention and Exhibition centre, under the patronage of H.H. Sheikh Hamdan Bin Rashid Al Maktoum, Deputy Ruler of Dubai, Minister of Finance and President of the Dubai Health Authority.

Qadhi Saeed Al Murooshid, Director General of Dubai Health Authority, said “we are keen to support all medical conferences and exhibitions held in the UAE for their excellent revenues on all sectors in the country, including economy, trade, tourism and other sectors. Such events motivate the economy and development to move forward, and develop the skills and capabilities of the public and private sectors.” He continued: “Qualified Medical events such as AEEDC Provide excellent opportunities for doctors from the region and introduce them to the latest scientific developments in the fields of dentistry, in addition, they provide them with the opportunity to engage with international dentists. This initiative translates the vision of His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, and H.H. Sheikh Hamdan Bin Rashid Al Maktoum, Deputy Ruler of Dubai, Minister of Finance and President of Dubai Health Authority.” He added that the Dubai Health Authority is eager to provide the best dentistry services in all its medical centres located in Dubai. He also pointed out that the public and private dental services in Dubai are very efficient and are at the same level with those in developed countries. He declared that AEEDC Conference and Exhibition is getting bigger and better every year, as HE added that AEEDC Conference and Exhibition is getting bigger and better every year, as well.

Qadhi Saeed Al Murooshid, Director General of Dubai Health Authority

Blood protein linked to stroke in diabetes

Scientists have discovered why people with diabetes are more likely to experience severe strokes leading to greater damage.

When blood sugar levels are high - which happens in diabetes - a blood protein called plasma kallikrein inhibits the normal blood clotting process during a stroke, leading to more bleeding on the brain, the scientists suggested. Strokes are caused by either a blood clot in a vessel stopping the flow of blood to the brain (ischaemic stroke) or by a burst blood vessel (haemorrhagic stroke). About seven out of 10 strokes are caused by blood clots. Past research has associated diabetes and raised blood sugar levels with increased bleeding on the brain during haemorrhagic stroke, but the reason for this is unclear.

Scientists from the Joslin Diabetes Centre in Boston reached their conclusion after injecting blood into the brains of rats with and without diabetes. The diabetic rats bled over a much greater area of the brain. But when the diabetic rats were also injected with a molecule which inhibits the activity of plasma kallikrein, the amount of damage to the brain was similar to that in non-diabetic rats.

When pure plasma kallikrein was injected into the rats' brains, it rapidly increased major bleeding in the animals with diabetes but had little effect on those without the condition, the researchers wrote in the journal Nature Medicine.

The scientists say their work suggests that blood sugar levels at the time of having a stroke is the most important factor for the increased bleeding seen in diabetes patients.

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