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Because all composites shrink, achieving lasting marginal integrity has been a challenge … until now. 3M ESPE has solved the problem with Filtek™ P90 Low Shrink Posterior Restorative – based on a revolutionary new chemistry called “silorane.” Because it shrinks so little, a dedicated adhesive was developed to assure optimal bond strength.

The Filtek P90 system provides:

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- Reduces polymerization stress – by up to 80%²
- Excellent flexural and compressive strength
- Excellent ambient light stability – up to 9 minutes working time

… plus all the proven physical properties that lead to clinical success.

Another breakthrough dental solution … from 3M ESPE.

¹ Results using bonded disc method. Source: 3M ESPE internal data
² Compared to methacrylate composites. Source: University of Amsterdam (ACTA)

Filtek™ P90 Low Shrink Posterior Restorative

P90 System Adhesive Self-Etch Primer & Bond

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A mother of twins has had a shock after doctors revealed that her 11-month-old boys do not have the same father.

Mia Washington decided to get some expert advice when she and her partner noticed that twins Justin and Jordan had different facial features. Paternity tests then revealed what had happened – two eggs had been fertilised by two different sperm and there was a 99.99% chance the twins had different dads.

Doctors at the DNA lab in Dallas, Texas, had never seen such a result. Mia later admitted she had had an affair and got pregnant by two different men at the same time. She told TV channel Fox 4: “Out of all people in America and of all people in the world, it had to happen to me. I’m very shocked.”

Clear Diagnostics president Genny Thibodeaux said: “It is surprising. Most people don’t believe it can happen, but it can.”

The couple plan to tell the twins they are half-brothers when they are old enough to understand.

Bilateral gynaecologists have revealed each ovarian egg has one father.

“Sperm can survive up to five days inside a woman’s body, so a woman could sleep with different men several days apart, and get pregnant not once, but twice.” And while it sounds rare, recent research indicates that one in 12 non-identical twins are so-called bi-paternal, with a rise in fertility treatment and changing sexual behaviour helping to bring it.

Mia’s partner James Harrison is father to one of the boys. He told Fox 4 that he had forgiven his fiancée for having the affair and intended to raise both children as his own.

However, he admitted it had been tough discovering the truth. “It’s a day by day thing. It’s going to take time to build the trust like we had,” he said.

A woman can release two eggs from her ovaries, and the eggs will remain viable for 24 hours after fertilisation.

“When he realised his costly mistake, he called the police, who closed down the motorway during the hunt for the notes. A search for the cash recovered 40 out of the 46 high denomination notes, meaning the test-drive still cost him a pricey 5,000 euros.”

According to Die Welt daily, police are now deciding whether he will also be charged a fee for the operation, which caused tailbacks in both directions.

A German motorway was closed in both directions after an envelope containing 25,000 euros (31,000 dollars) flew out of an open-top car, causing a rainstorm of cash, police said on Thursday. Skip related content

The driver of the Audi A5 convertible, a 25-year-old man, was test-driving the vehicle on Wednesday and unwittingly placed the pile of crisp 500-euro notes to pay for the car on the back seat.

Gone with the wind: falling cash closes motorway

A blonde suspects her boyfriend of cheating on her, so she goes to an antique shop to buy a gun. She goes to his apartment unexpectedly and when she opens the door, she finds him in the arms of a redhead. Well, the blonde is really angry. She opens her purse to take out the gun, and as she does so, she is overcome with grief.

Marie takes the gun and puts it to her head. The boyfriend yells, “No, honey, don’t do it.” The blonde replies, “Shut up….. You’re next!!!”
Innovative iso-active™ technology to help younger patients treat their dentine hypersensitivity

While 1 in 3 people aged between 20 and 40 suffer from dentine hypersensitivity, 50% of these patients remain untreated for this problem. These findings highlight the important role that dental professionals play in actively diagnosing dentine hypersensitivity. A recent consumer study on sensitive teeth revealed that younger patients may not be treating their dentine hypersensitivity because they prefer to use one toothpaste that provides all-round benefits.

Introducing innovative iso-active™ technology to meet the needs of your younger patients

Sensodyne iso-active™ is clinically proven to reduce the pain of dentine hypersensitivity while also providing the all-round protection benefits that younger sufferers want.

Sensodyne iso-active™ generates more than twice the foam volume during brushing compared with a standard toothpaste and a standard gel for rapid dispersion in the mouth. This allows the foam to penetrate hard-to-reach areas, while also deep cleaning the mouth and effectively removing the causes of bad breath.

Sensodyne iso-active™ – all-round protection your younger sufferers want with the sensitivity relief they need

- Provides all the sensitivity relief, caries protection and enamel strengthening benefits of Sensodyne
- Low abrasion to minimise damage to exposed dentine
- Generates more than twice the foam volume during brushing for rapid dispersion in the mouth
- Deep cleans the mouth and effectively removes the causes of bad breath

"It gives you all round protection, simple as that"

Shafa Saba
Dental Expert, UK

3. Glaxo data on file
5. Gross R et al. 2007, Glaxo data on file
13. Glaxo data on file