

though such troughs are presently classed as lunar mysteries, one theory is that the notch resulted from the shock of the meteor impact that formed a huge crater at its south end; another postulates seismic activity within the moon.

A similar moon-wide mapping mission is scheduled for Lunar Orbiter 5, to be launched early this August.



NASA

Lunar trench: volcanic or impact?

FROM AUSTRALIA

## Induced Migraines

During research into migraine, three doctors have found that they could induce it artificially in people who were already sufferers. But when they tried the same process with patients who did not suffer from migraine they developed only dull headaches.

Dr. J. W. Lance and two colleagues reported on their research at the University of South Wales, to the second Asian and Oceanian Congress of Neurology. Their research started more than four years ago and revealed that the level in the blood of a chemical called serotonin drops when a person suffers a migraine. By taking regular blood samples before, during and after a migraine attack, they produced graphs to back up the idea. Then, artificially reducing the amount of serotonin in the blood by injecting another chemical, they produced migraine in people who already suffered from it. This artificial migraine was exactly the same as the one the person normally suffered. The doctors said they believed that other chemicals might cause a similar reaction and their research is continuing.

They hope their research will lead to the discovery of some means of artificially keeping up the levels of serotonin and thus reducing the possibility of attacks.

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