

physically cutting them out of the body with a scalpel. This latest research shows it could be possible to produce similar results with

remove tumours by simply

traditional techniques of

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burning them out, instead of

concentrated sunlight instead of costly laser treatment.

In this experiment, Jeffrey



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supplant the laser

Gordon and colleagues, from Ben Gurion University, Sede Boger, Israel, transported sunlight into the operating theatre from outside through a system of optical fibres.

These concentrated rays - which contained several watts of energy - were then directed on to the livers of two rats for just a few minutes.

The tissue was seen to wither and die in the same way as it would after laser treatment.

The rats recovered well following the surgery; and after detailed analysis of the livers, the scientists found the treatment had worked as well as a laser.

Not only could this solar surgery be a cheap alternative to laser therapy in sunny countries, it also appears to be safer for the surgeons to use.



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