TIMES CITY

THE TOMES OF INDIA, MULLER SATURDAY NOVELBER 1 1000

Will A Skin Bank & Hi-Tech Device, Will Mum Fare Better?

Doctors can now take MRIs during surgery

New skin bank will store tissues for three years

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Minimal Towns (name Control of Section for epilepsy)
What have been so being the best of the Bern Section for each period the best of the Bern Section for the real of the Bern Section for the real of the Bern Section for the Bern Section fo

We may be the age of historical and surgeries. Even a few parties at the OT and of in May, Holder and the OT and of in May, Holder and the OT may be a substant Hospital in Anchology had be introperative below yanced technology has been used on nine patients.

The mis system, we have three seem rooms divided by an artic doors. The middle rock as the Mid machine and the cher rooms are used at CTs securosurgeries. So while surgery is on, if the doctor such to be sure that for each see, no tumour is left behind he/she can perform the Mission the patient and continue with the operation."

Said Dr. Bhaskar Rao, neurosurgeon at Kokilaben Hospital.
Dr. Aranain Balasubramaniam, another neurosurgeon at
the beganal said during surgery, the brain might let out wa-

Earlier doctors would perform surmeries recome doctors would perform surmeries recome doctors which a tumour or
a fit of the psy and would have to go for ancome But now, before getting over with the surgery.

we can the MRI and be some about its success," said Rao.

But the are not so hopeful. "An MRI only gives a picture of the some are not so hopeful." An MRI only gives a picture of the some but the introoperative ultra sound machines are integers, and that the leave IMRIS behind

What is an Intraoperative MRI



Intraoperative MRI is the procedure when the imaging machine is used inside an OT to scan pictures of the patient's organs during surgery. This helps precision in an operation

Use The intraoperative MRI machine is installed adjacent to the OT.
The device's magnet moves into the OT without disturbing the patient and scans the images of the organs.

Benefit | The machine helps a surgeon to precisely locate a tumour and identify areas to be avoided. It aldes in minimising the damage to healthy tissues

Donating skin

- A skin transplant team, in a specialised burns ambulance, will reach the home of the deceased within two hours
- The skin will be harvested from thighs and back in about 45 minutes

Use | Donated skin can be used to temporarily cover a burnt area of a patient, a waiting grafting procedures. The donated skin functions as the patient's own skin for a short time, reducing pain and decreasing the risk of infection

SOUTCE Transplant organs come from two sources: People who have died suddenly (cadaveric donors) and five donors.

MIRACLES IN

MEDICINE WORLD

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TIMES NEWS NETWORK

Mumbai: Blogs may seem an unusual medium to market the cause of skin donation, but as the country's most sophisticated skin bank opens on Saturday, this is exactly what its proponents will do.

"The hi-tech skin bank can store tissues up to three years, as compared to the current four-week period," said Dr S Keswani, the plastic surgeon, who along the Rotary Club of Mumbai North, is setting up the Rs 40-lakh facility at National Burns Hospital in Airoli.

Given the poor score of skin donation in the city at present—an average of eight every month—Keswani feels the need to get together with a social marketing firm to popularise the concept. "People need to know that there are two banks in Mumbai. (civic-run Sion Hospital and the Airoli hospital). We need to create awareness through campaigns and blogs," Keswani added.

Considering that one burns victim needs two donations, the average monthly count will barely help four patients. "But Mumbai needs.

five donations daily and about 2,000 a year to benefit the 1,000odd patients who need skin grafting," said the doctor.

The new bank has been set up in collaboration with the Euro Skin Bank in Beverwijk, Netherland, the busiest facility in the world that exports tissues across the world. The bank will have a biosafety cabinet, sealer and walk-in fridge among other features. Skin from a cadaver

will be stored in glycerol at a near-zero temperature. "Theidea is to transport skin to other cities in near future." Also on the anvil, are banks in Pune and Nashik.

For details, call Sion Hospital (24076381) or the National Farms Centre, Aircla (27606660)