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## Cancer patient's remarkable journey





Associate Professor Ng (centre) performs brain surgery at the same time behind the transparent sheet.



Anaesthetist See Jee Jian giving Mr Oh a picture-naming test with an iPad to assess the effects of the surgery, while During the surgery, Mr Oh is asked to name common images, ranging from a car to a dolphin to roti prata. He also asks to see what is in his head, to which Prof Ng replies: "Later we'll show you."

## 'I was joking but I felt a bit terrified'

is collected for research. The tumour will also be deposited some more questions later.")

which has amassed over 130 sam-responds. ples in the last decade. make-up of the tumour, so that doc- excise the tumour, and about four tremely disabling and life-threatentors will one day be able to tailor hours after Mr Oh is first wheeled ing because they grow rapidly and specific treatments for different painto the operating theatre, the invade surrounding brain tissue. tients, based on the tumour's ge- growth is removed.

"Zhi Long, are you awake now?" sewing back the dura and screwing which has a lot of "reserves", and is asks Prof See, head of anaesthesiol- the skull shut with titanium plates, able to cope with significant damogy, intensive care and pain and finally stitching up the scalp age with minimal or no deficit. medicine at Tan Tock Seng Hospi- which had earlier been peeled back tal. "We're going to start very soon, like the skin of a fruit. are you comfortable?" The patient nods slightly.

Another hour has gone by. mourous tissue, which is an un- tal bed that will be wheeled into the healthy yellowish white compared with white healthy tissue, Prof See asks him to make a fist, and moves

The brain, home to 80 to forward with an iPad.

"Can you see without your not have any pain glasses?" asks Prof See. "I'll try," Mr Oh replies drowsily.

responds: "Later we'll show you."

to a dolphin to roti prata.

is it due to the brain?" ("No, it's When he wakes up, he may recerebrospinal fluid – the colourless "Is the tumour cutting into my voprocedure. liquid which surrounds the brain – cal area?" ("No, the vocal area is be- But he tells ST later: "I was joking hind it, so we'll have to ask you but I felt a bit terrified. For my first in the NNI's brain tumour bank, "Okay, just cut more lah," Mr Oh

The naming test goes on as Prof 100,000 people, said Prof Ng.

well." and his patient squeezes his eight months of chemotherapy.

hand one more time. Mr Oh is even

100 billion neurons, does receptors and cannot feel He is asked to name common images on the iPad, ranging from a car major organ which can be "Can I see what's in my head operated on while the also?" Mr Oh asks, to which Prof Ng patient is awake.

"Somehow my legs feel numb now, recovery ward.

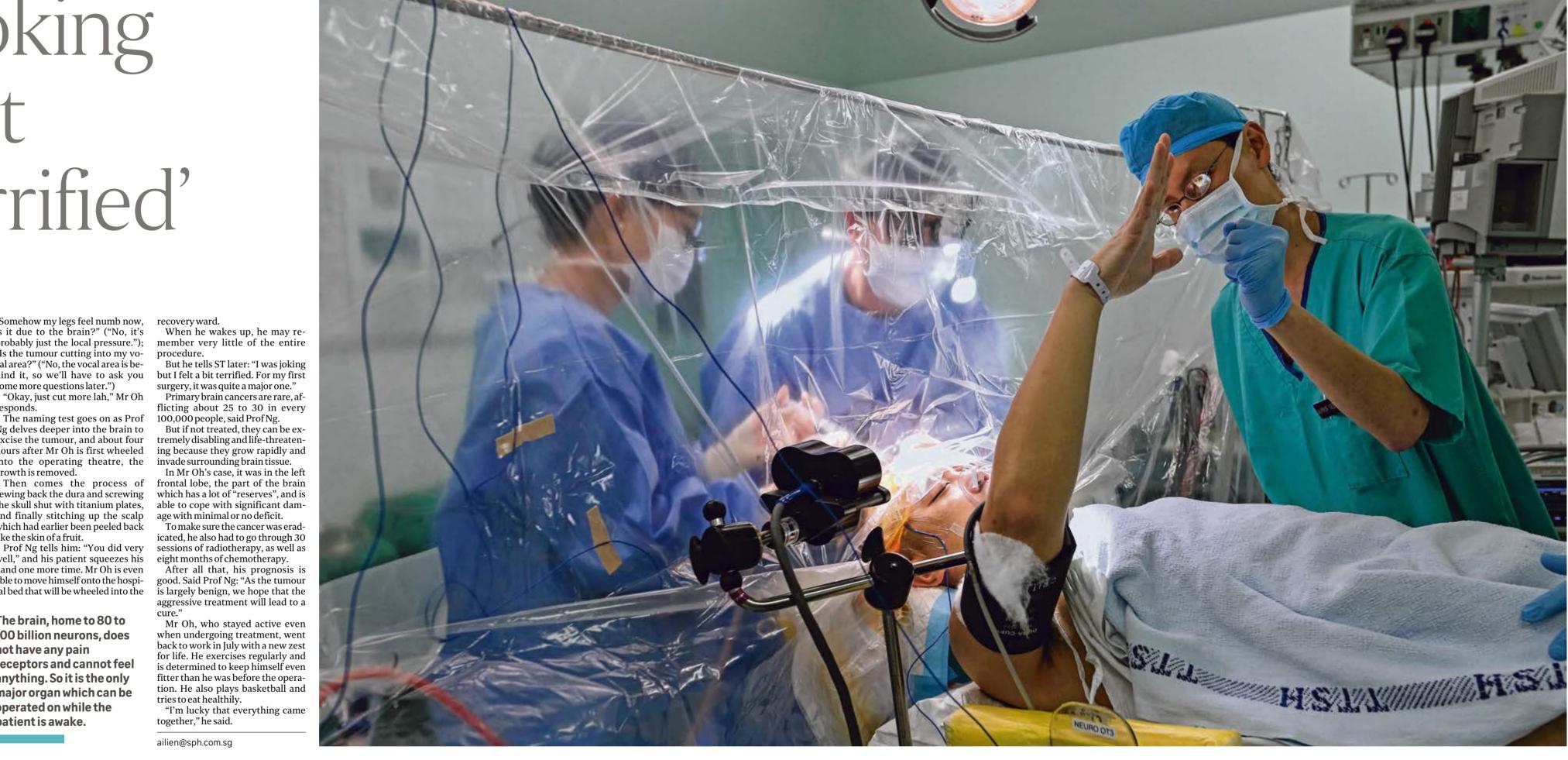
surgery, it was quite a major one." Primary brain cancers are rare, afflicting about 25 to 30 in every The idea is to study the genetic Ng delves deeper into the brain to But if not treated, they can be ex-

To make sure the cancer was eradicated, he also had to go through 30 Prof Ng tells him: "You did very sessions of radiotherapy, as well as After all that, his prognosis is As Prof Ng delves into the tu- able to move himself onto the hospi- good. Said Prof Ng: "As the tumour is largely benign, we hope that the

> Mr Oh, who stayed active even when undergoing treatment, went back to work in July with a new zest for life. He exercises regularly and is determined to keep himself even fitter than he was before the operation. He also plays basketball and tries to eat healthily. "I'm lucky that everything came

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together," he said.



Associate **Professor See** asking Mr Oh to raise his right arm to test his movement. Awake brain surgery is done in less than 10 per cent of brain tumour cases at the institute, when surgeons need to operate on an area of the brain that involves or is close to regions that control critical body functions, or language capabilities. ST PHOTOS: WANG HUI FEN



The growth is removed about four hours after Mr Oh is first taken into the operating theatre. He can even move himself Mr Oh, who works as an auditor, having lunch with his colleagues at the KPMG clubhouse on May 15, before taking a break onto the hospital bed that will be wheeled into the recovery ward.



to concentrate on radiotherapy, due to start three days later. He returned to work again in July with a zest for life.



Mr Oh undergoing radiotherapy at Tan Tock Seng Hospital on June 15. To make sure the cancer is eradicated, he went through 30 sessions of radiotherapy, as well as eight months of chemotherapy.



Mr Oh feeding his prized marine clownfish at home on June 26, almost three months after his surgery. When he was in hospital, he would ask his mother to send videos of the fish to his mobile phone, so that he could monitor them.