

How guided missiles could help Jamie kick again!



MAPPING THE FUTURE: Mr Aslam Mohammed, knee surgeon at Chorley Hospital, uses the new positioning equipment to help injured Jamie Lilley (pictured top inset) who hurt himself playing football. Inset left - X-ray of a treated knee using the device

Pictures: NEIL CROSS

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Adapted by STEPHEN MALLATRATT
From the novel by SUSAN HILL



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Knee injuries to benefit from GPS technology

FIGHTER plane technology is being used in revolutionary treatment for patients with knee and cruciate ligament injuries.

Knee ligament reconstruction surgery using satellite navigational technology is being piloted at the Chorley and South Ribble Hospital.

It is the first time the system has been tested in the UK.

Knee surgeon Aslam Mohammed, who is pioneering the surgery, said: "This is an exciting development which could revolutionise the way total knee replacements are performed."

"It is very similar to a fighter plane's targeting system or a car satellite navigation system."

The image guided surgery technique has been developed in Germany and Mr Mohammed spent time with the developing surgeon before performing the technique in Chorley.

If the study reveals the technique is successful, it could benefit people needing total knee replacement surgery and help treat sports-

By Aasma Day, Health Reporter

men suffering from cruciate ligament injury.

The technique maps the knee joint to allow surgeons to more accurately align the knee replacement and site ligaments during surgery.

It has been shown that incorrect positioning of ligaments and misalignment of knee replacements can lead to early failure.

The new system maps out the knee joint and its anatomy from pins which are placed in the leg bones.

Image

A three-dimensional computer generated image of the joint is created.

It gives accurate sizing of implants in knee replacement surgery and shows where the ligament should be placed before surgery.

Mr Mohammed said: "When carrying out knee surgery, it is important to choose the right patient, use the right instrument and implant and do the surgery accurately."

"This technique will improve the accuracy and reduce the failure rates of knee replacements."

One game and years of agony...

AS the ball came hurtling towards him, football loving Jamie Lilley put his foot forward to take it on.

Suddenly, his knee buckled and he heard a wrenching snap.

Jamie, 26, who lives in Horwich, said: "It was horrible. The snap of my knee was so loud, I thought I had broken my leg."

"I almost wish I had, as that would have been more straightforward to sort out."

After the footballing injury, which happened four years ago, Jamie suffering recurring problems.

Jamie, who is a bench engineer, said: "A couple of years ago I had an arthroscopy, where they put a camera in my knee and trimmed my ligaments."

"However, my pain and knee problems have persisted and I am now going to have a knee reconstruction."

"It will be great to get my life back on track so I can play with my 14-month-old son Joe and pass on my footballing skills!"

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