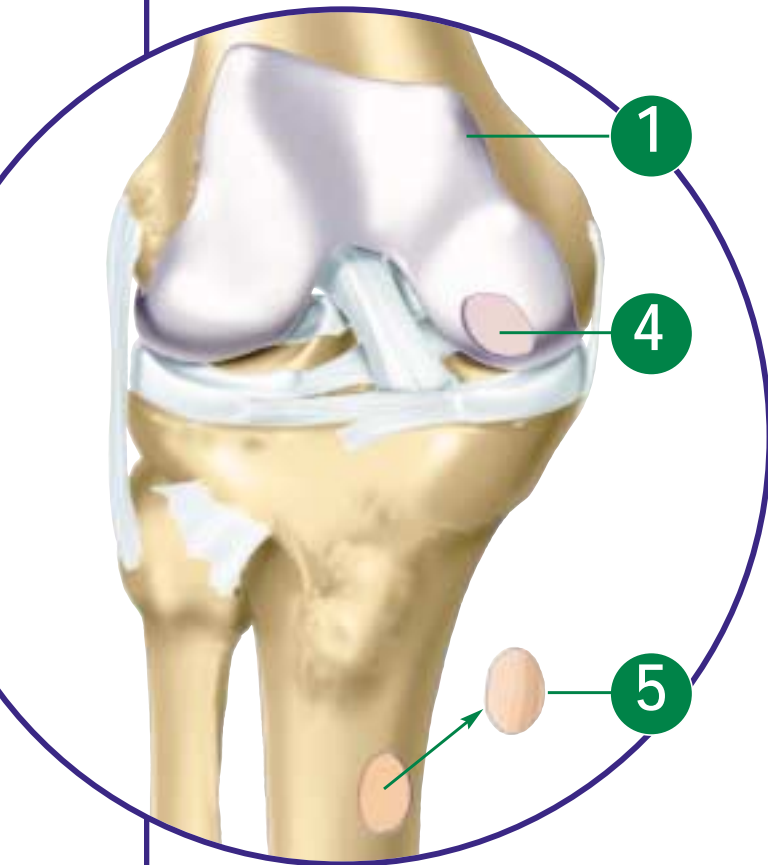


Implantation

SURGICAL OVERVIEW

of Carticel

When other measures have failed, consider Carticel:



1



Small biopsy of healthy cartilage is harvested arthroscopically and sent to Genzyme Biosurgery.

2



In our FDA-licensed, ISO-9001 certified facility, chondrocyte growth and morphology are routinely monitored. To meet our high standards, our advanced systems ensure quality, cell viability and safety. Genzyme Biosurgery operates the only licensed cell manufacturing facility in the world!

3



Carticel is delivered by courier hours before surgery.

4



Chondral defect is debrided back to healthy tissue.

5



Periosteal patch, harvested from proximal tibia, is sutured into place.

6



Carticel is implanted under patch.

Carticel is indicated for the repair of symptomatic cartilage defects of the femoral condyle (medial, lateral, trochlea) due to acute or repetitive trauma in patients who have had an inadequate response to a prior arthroscopic or other surgical repair procedure. It is not indicated for the treatment of damage associated with osteoarthritis. It should not be used in patients with a history of allergy to the antibiotic gentamicin or in those with sensitivities to materials of bovine origin or in patients who have previously had cancer in the bones, cartilage, fat, or muscle of the treated limb. Data regarding outcomes beyond three years are limited. Any instability of the knee or malalignment of the joint should be corrected prior to or concurrent with Carticel implantation. Use in children, or in joints other than the knee has not yet been assessed. The most frequently reported adverse events are: hypertrophic tissue at the repair site, intra-articular adhesions, superficial wound infection, hypertrophic synovitis, and post-operative hematoma.

Please see accompanying package insert for full prescribing information.

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