

Get 'KNEE REPAIR' NOW to **avoid 'KNEE REPLACEMENT' in FUTURE**

Knee Joint Problems doesn't mean Meniscus, Ligaments & Replacements...

→ **What do you mean by 'Knee Repair'?**

Cartilage is the earliest (first) tissue to get worn in Osteoarthritis Knee. If we can diagnose the condition at an early stage, when only Cartilage is damaged, we can repair the cartilage.

→ **How Cartilage can be repaired?**

The methods of Cartilage Repair depend on age of patient, type of cartilage damage etc. Sometimes, cartilage is transferred from less important area of the joint to more important area of joint. In other cases, bone below cartilage is stimulated to form new cartilage. A recent technology called "Autologous Chondrocyte Transplantation" is an innovative method. Patient's own cartilage cells are taken and cultured in the laboratory. Four weeks later, laboratory supplies patients own cultured cartilage cells (approx 5 crore cells) in gel form. This gel is used to repair the Cartilage defect.

→ **Does that mean that only repairing the cartilage will suffice?**

Not always!! It depends on how late patient approaches us. If apart from cartilage, other tissues of Knee joint are damaged, then they should also be repaired, simultaneously.

→ **What are the other common tissues injured simultaneously?**

Altered bone alignment is the most common association. It is commonly known as Bow Legs. Apart from this, ligaments and knee discs can also be damaged.

→ **Does that mean that with recent technology, all knees can be repaired?**

Most of the middle aged population, who are suffering from Osteoarthritis Knee; are within repairable range. However, some cases may be beyond repair.



←
**Knee
Replacement**



→
**Knee
Repair**



(For educating patients. This is a summary and not comprehensive description. Individual case vary)

ADVANTAGE OF KNEE REPAIR

**Saves Patient's Own Knee Joint ▶ Can buy another 5-15 years,
before going for knee Replacement ▶ Knee Replacement Option, Still available
1/3 cost of knee Replacement with High Success Rate**

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