

FREQUENTLY ASKED QUESTION



1. What is AVN (Avascular necrosis of hip, osteonecrosis)?

Avascular Necrosis is the localized death of bone tissue as a result of injury/trauma, drug side-effects, or a pre-existing disease. Dead bone tissue does not function normally and leads to complete break-down of the hip joint within 2-3 years.

2. What is Bone Cell Therapy / OSSGROW®?

Cell therapy is a clinically accepted method of treating a diseased organ or tissue using healthy cells. In AVN, due to shortage/ interruption of blood supply, the bone-making cells are also in short supply. This results in imbalance in new bone formation and ultimately leads to bone death, which induces mechanical deformities leading to collapse of the hip joint. Patient thus becomes immobile and needs immediate surgical procedures.

Cell therapy is used for curing AVN and involves supply of autologous (from patient's healthy tissue), bone-forming cells manufactured at a GMP facility for each patient.

3. What conditions respond to Bone Cell Therapy (OSSGROW®)?

Conditions which involve death/ deformity of bone cells require treatment through bone cell therapy. Early stage AVN (up to Stage III) patients respond well to Bone Cell Therapy (OSSGROW®)

4. Who is an ideal candidate for Bone Cell Therapy (OSSGROW®)?

OSSGROW® is a specific bone-forming cell therapy option for curative treatment of early stages (up to Stage III) of AVN. The fresh and healthy bone-forming cells of OSSGROW® initiate new bone formation in the affected area. Slowly, the joint regains its structure, strength and function.

If the hip has collapsed or necrotic zone is more than 50% of the hip joint, the outcomes are variable. However, patients with Stage 1 & 2 have slightly better outcomes.

5. What do I need to know about osteoblasts in treating AVN?

Osteoblasts are the major cellular component of bone. They are bone forming cells which comprise most of the bone matrix and regenerate new bone at the necrotic site. Osteoblasts function by controlling calcium and mineral deposition thus helping in forming the framework for new healthy bone. Thereby substituting the dead bones by newly formed bone cells.

6. What is the difference between Hip Replacement and Bone Cell Therapy (OSSGROW®)?

Hip Replacement is the process of replacing your original hip joint with an artificial implant (metal in most cases), whereas Bone Cell Therapy (OSSGROW®) is a completely natural and safe procedure which involves the patient's own cells.

Hip Replacements are used for end stages of AVN with complete collapse of the femoral head.

7. Is Bone Cell Therapy (OSSGROW®) safe?

Bone Cell Therapy is an Indian FDA and DCGI approved biologic and personalized drug, thus completely safe for administration into humans for clinical use. These have been tested through successful completion of clinical trials and randomized studies.

8. What is the success rate of Bone Cell Therapy (OSSGROW®)?

The success rate of Bone Cell Therapy (OSSGROW®) is more than 80% in treating up to Stage 2 and more than 70% in Stage 3 Avascular Necrosis.

9. What is the recovery time after Bone Cell Therapy (OSSGROW®)?

Depending from patient to patient, one can start light weight bearing activities/movement within 1- 3 weeks post operatively.

10. Can I get back to active lifestyle after treatment?

Yes, within 6-12 weeks one can return to all regular functional activities and exercises. Sports activities can be initiated at 12-24 weeks post treatment depending upon your surgeon's advice.

11. Is Bone Cell Therapy (OSSGROW®) performed in India and where?

Yes, Bone Cell Therapy (OSSGROW®) is performed at all major private, Government and State Hospitals across all cities in India.

12. How much does the therapy cost? Is it covered under Insurance?

For Bone Cell Therapy(OSSGROW®) cost please contact Regrow at 1800-209-0309 or put in an inquiry on our website (www.regrow.in) or Facebook page.

Bone Cell Therapy(OSSGROW®) is covered under cashless and reimbursement schemes for all major Private/ Government and State Health Insurance Schemes.

13. How can I find a surgeon specialized for this therapy?

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14. Can Bone Cell Therapy (OSSGROW®) be performed after previously failed procedures?

Yes, upon detailed analysis and screening by the orthopedic surgeon, he may perform Bone Cell Therapy (OSSGROW®).

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