

NEWSLETTER

2022- 2023



enhance lives through **NovoGrafts**
Edition 1 , issue 2

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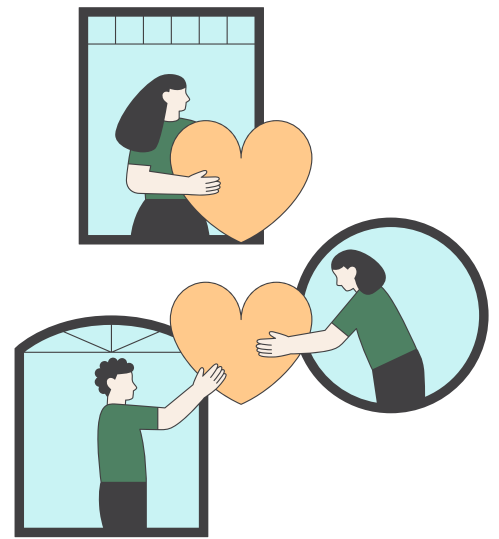
To our **DONORS**

*- for it is because of them we heal our patients-
that makes this profession an honour to be a
part of*

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LETTER FROM THE EDITOR



Dear All,

As this year comes to an end, it is with great pleasure that we introduce a new issue of our newsletter. Since 2022, NTBRC is operational in promoting tissue donation and tissue transplantation for the Indian community in compliance with the Transplantation of Human Organs and Tissues Act, 1994.

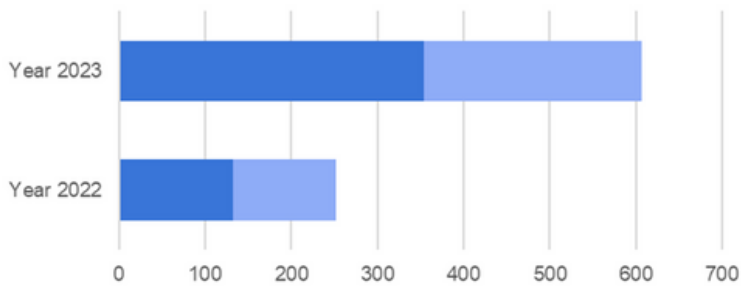
Certainly, monitoring of tissue donation and transplantation practices are essential to ensure transparency and utmost respect to the donors. Information covered in this newsletter includes tissue retrieval, distribution and clinical use of tissues from living or deceased donors. It is noteworthy that the presented data for deceased donors is also collected by the Regional cum State organ and tissue transplant organization and maintained by National Organ and Tissue Transplant Organization.

It is with immense gratitude that we end this letter by thanking the Directorate of Health Services, Regional cum State Organ and Tissue Transplant Organization-Mumbai, ZTCC- Mumbai, National Organ and Tissue Transplant Organization for their unwavering dedication and support to furthering the national aim of Organ and Tissue donation activities for a better healthcare in India.

Special thanks to NTBRC advisory board, all the transplant coordinators, associated surgeons and team whose continuous commitment and enthusiasm is a testament to the outcomes in the field of transplantation.

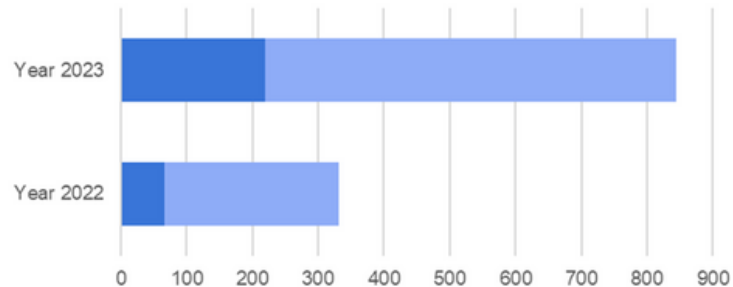
LIVING DONORS

Donations from THR



| | Year 2022 | Year 2023 |
|------------|-----------|-----------|
| THR Male | 132 | 354 |
| THR Female | 120 | 252 |

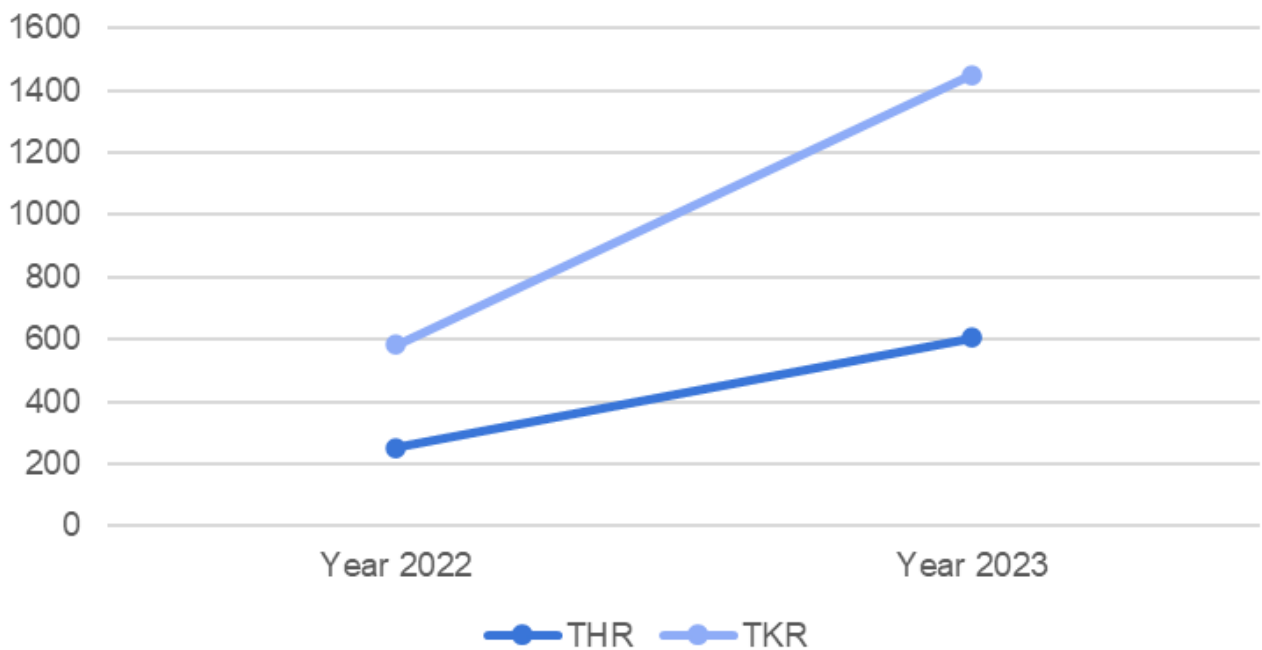
Donations from TKR



| | Year 2022 | Year 2023 |
|------------|-----------|-----------|
| TKR Male | 67 | 220 |
| TKR Female | 264 | 624 |

In the year 2023, we received **>1500** consented donations from living donors undergoing joint replacement surgeries from over 80 hospitals in Mumbai, Navi Mumbai, Thane and Solapur

Living Donors



12%

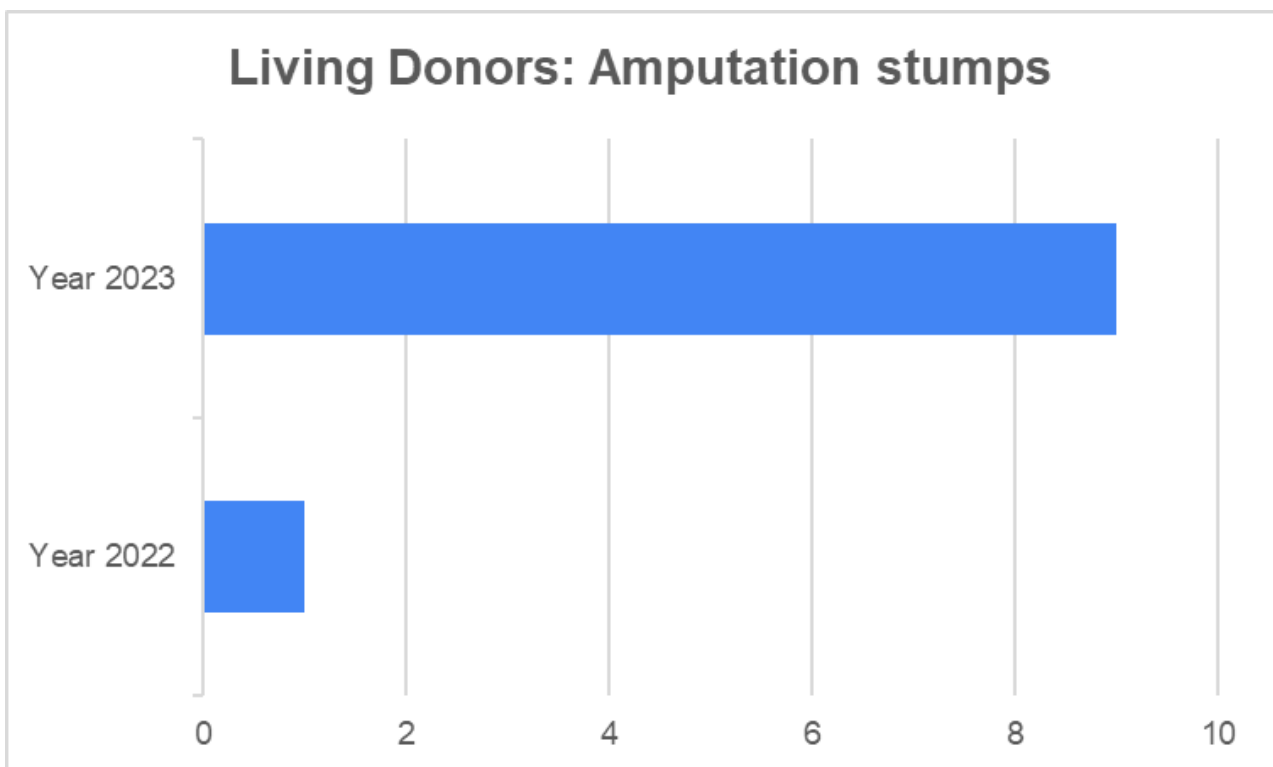
Rejection rate

Our strict quality control criteria ensures no risk of disease transmission and clinically safe allografts

LIVING DONORS

From January 2023 to December 2023, NTBRC witnessed true spirit of altruism from amputees for passing on the healing power

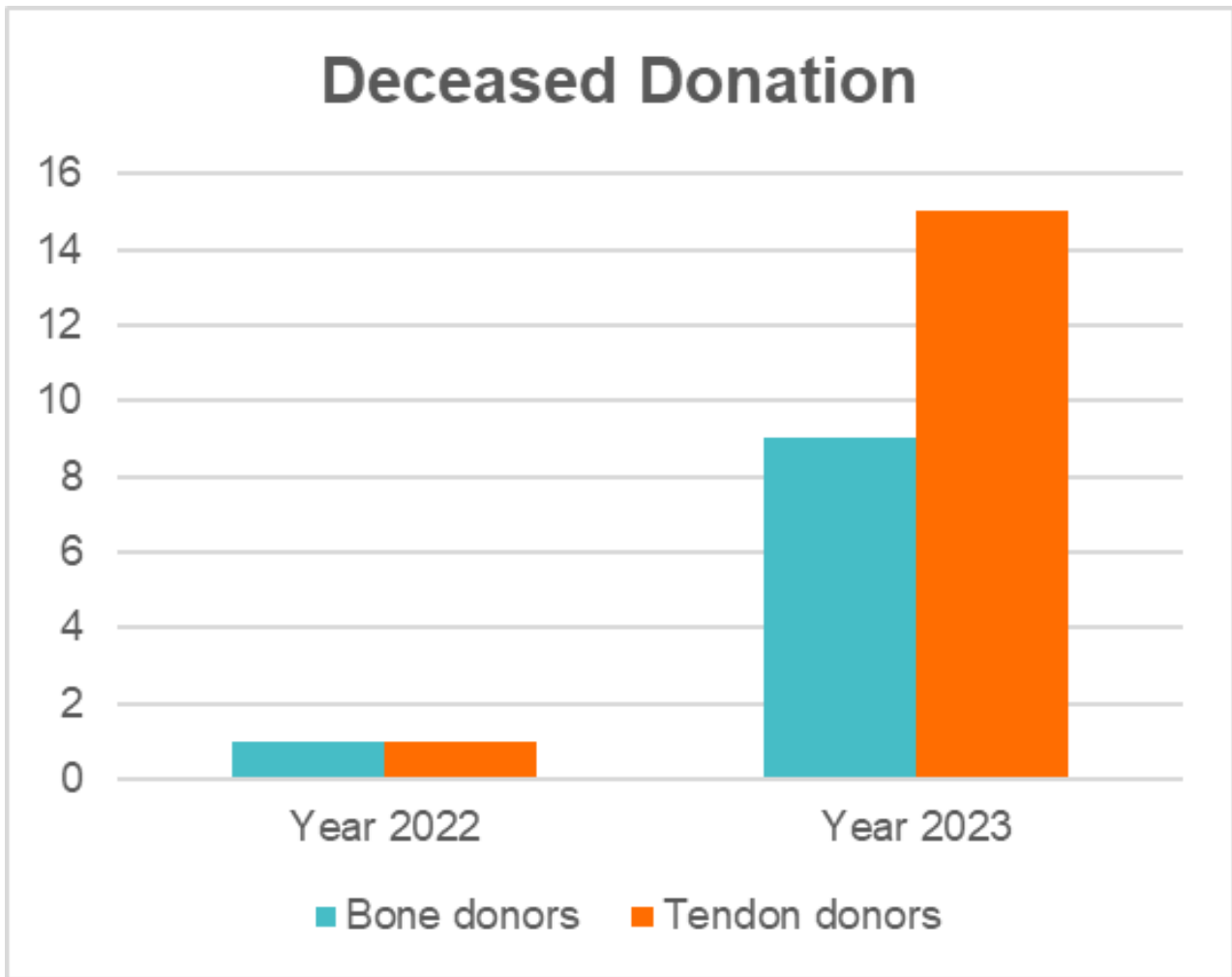
Below knee amputations , above knee amputations and hand amputations were accepted from consented donors after careful evaluation in accordance with the screening criteria.



22%

Rejection rate

DECEASED DONORS



13%

Rejection rate

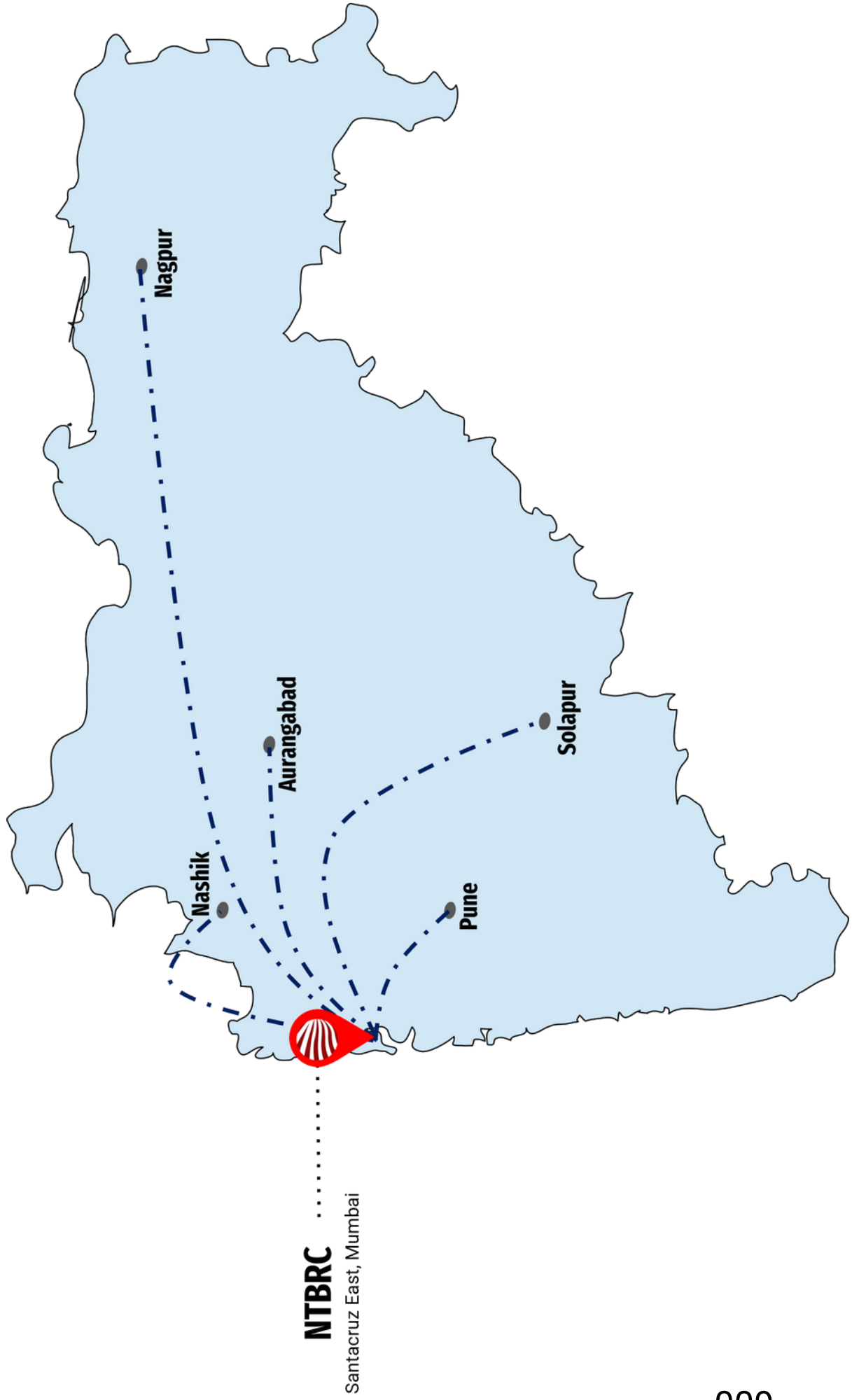


We are committed to our patients' safety by adhering to stringent quality standards

NTBRC had the honor of fulfilling tissue donation wishes of 15 deceased donors in the year 2023, whose donation led to healing of more than 100 patients thereby improving their lives.

Salute to the Heroes of Humanity

NOVOGRAFTS DISTRIBUTED ACROSS THE STATE



NOVOGRAFTS

HEALING PATIENTS NATIONWIDE



VIROPA PROGRAM



One cannot get without giving. NTBRC is therefore committed to paying forward all the goodwill entrusted to it by each donor.

As part of this initiative, 10% of all grafts are given free or concessional to individuals below the poverty line (BPL) or low-income patients.

In the year 2023, we healed more the 50 patients free of cost under NTBRC VIROPA PROGRAM.

Grafts issued under VIROPA

- 1 frozen soft tissue (Tendon)
- 2 Frozen fibula struts
- > 20 corticocancellous wedges
- > 10 corticocancellous chips
- > 10 Femoral Head Bone blocks
- > 10 demineralized bone granules

CASE STUDY

Clinical particulars

54 year old female presented with medial compartment osteoarthritis

Allograft used

NovoGraft

Freeze-dried HTO wedge

Size: Large

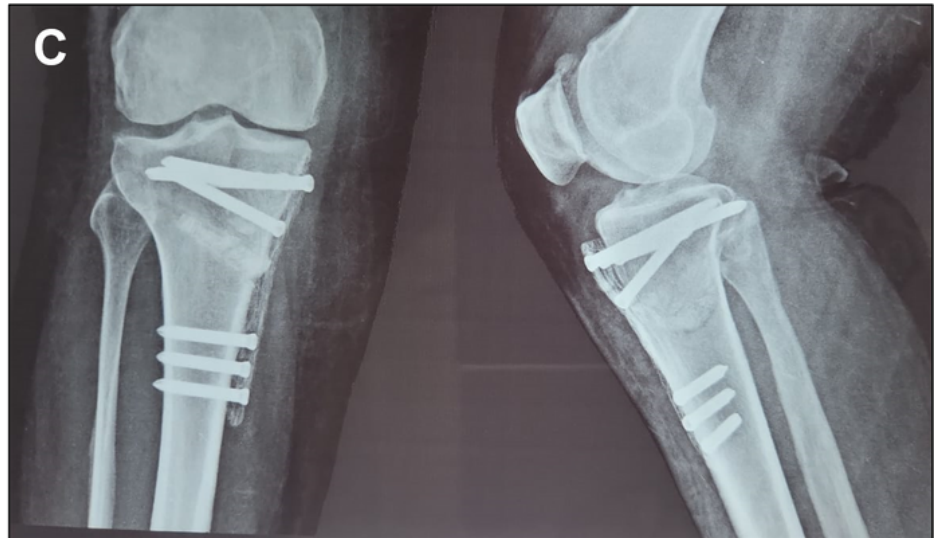
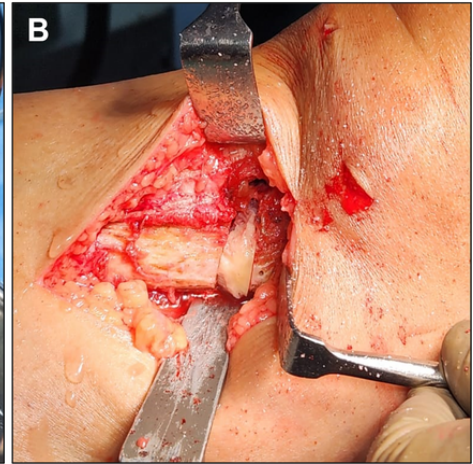
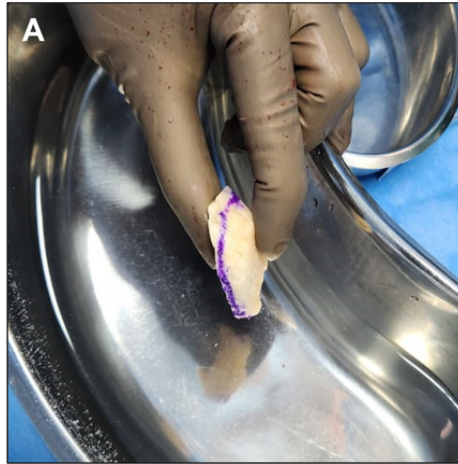
Height: 10mm

Length: 30mm

Width: 15mm

Outcome

At 2 weeks post-operative follow up the patient walks pain free and is under regular follow-up



(A. Freeze-dried HTO wedge corticocancellous allograft, B. Allograft inserted in the tibial cortex gap, C. Post-op X-ray)

HTO WEDGES*

- Allows for precision correction
- Malalignment coupled with ACL or PCL deficiency
- Osteoarthritis of medial compartment of the knee
- Varus malalignment of the limb



*For indications, contraindications, warnings and precautions see instructions for use. The treating physician is responsible for deciding the type and quantity of allograft used.

“

Nothing replaces BIOLOGY
better than BIOLOGY

”

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