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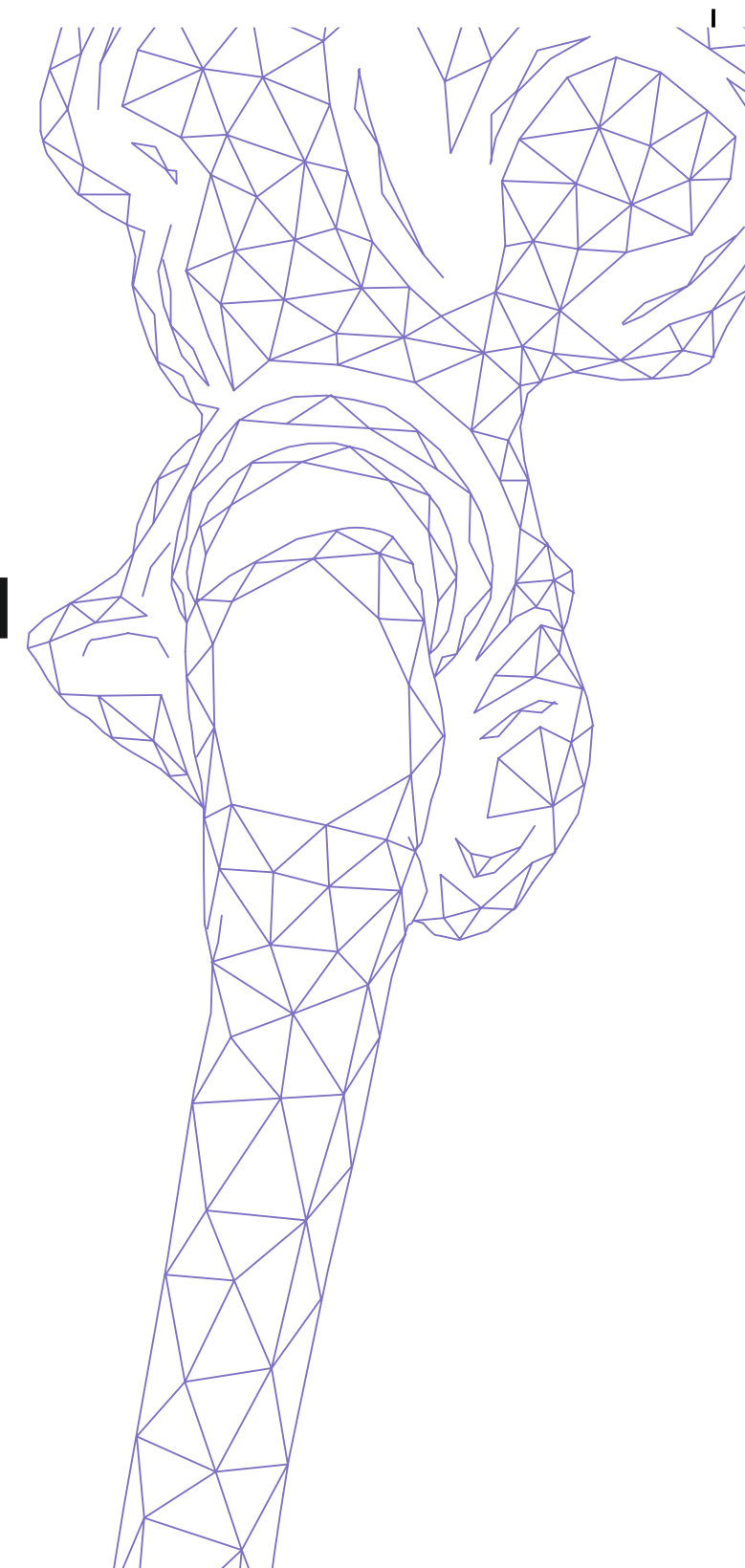
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OSSGROW® IMPLANTATION MANUAL





FOR MORE DETAILS, PLEASE REACH OUT TO US:

Dr. Charul Bhanji
Technical Director

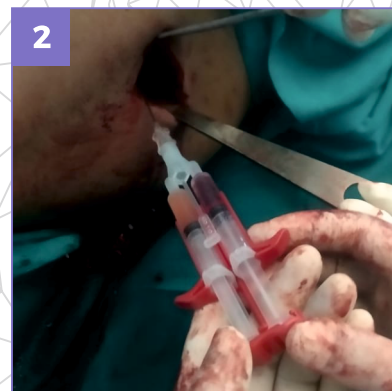
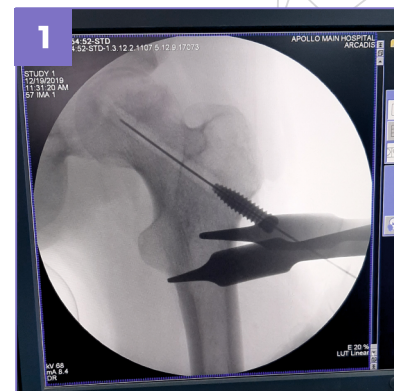
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OSSGROW[®]

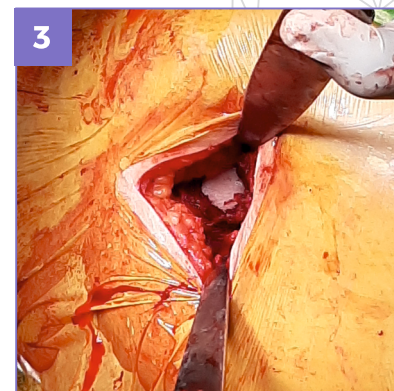
STEP 5

INSERTION OF 18G PUNCTURE /SPINAL NEEDLE THROUGH THE SCREW.



STEP 6

ATTACH **OSSGROW®** DELIVERY DEVICE TO NEEDLE AND INJECT FINAL PRODUCT.



STEP 7

REMOVE NEEDLE AND SCREW TO PLUG OPENING WITH BONE GRAFT/WAX OR ANY OTHER SUITABLE MATERIAL.

CLOSE WITH STANDARD TECHNIQUE INCLUDING SUTURES.

CONTENTS

- ▶ CONTENTS OF PRODUCT BOX
- ▶ OTHER ASSISTING MATERIAL
- ▶ CONTENTS OF DELIVERY KIT
- ▶ PRECAUTIONS BEFORE IMPLANTATION

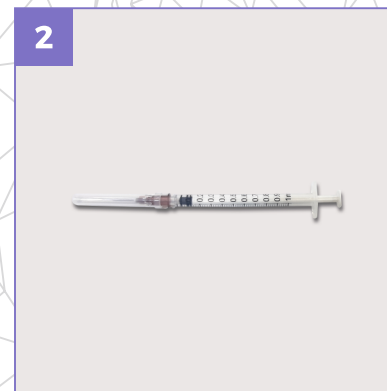
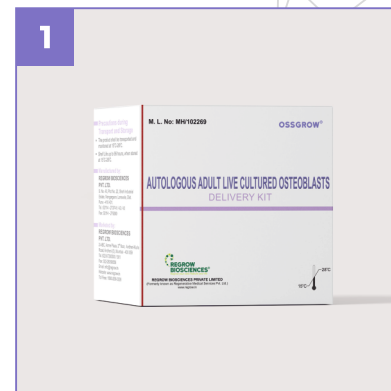
Pg. No.

-1
-2
-5
-6



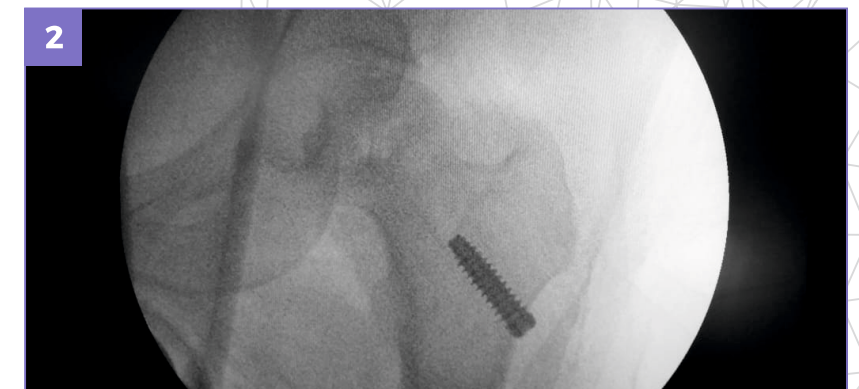
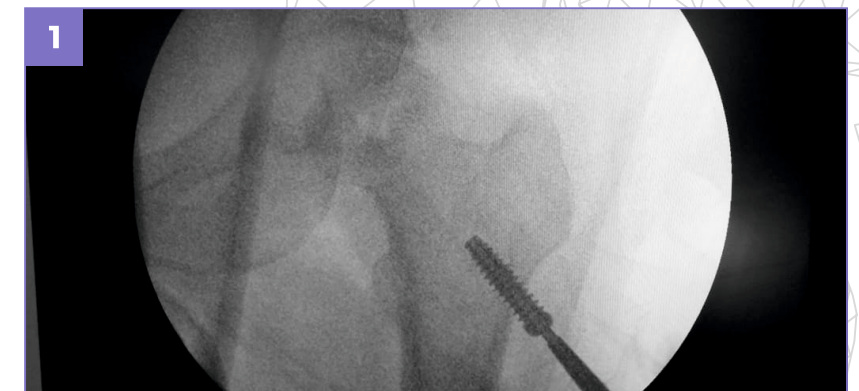
CONTENTS OF THE PRODUCT BOX

- 1 - DELIVERY KIT
- 2 - 1ML SYRINGE (10 NOS)
- 3 - 20 GAUGE NEEDLE (10 NOS)
- 4 - 18 GAUGE NEEDLE (5 NOS)



STEP 4

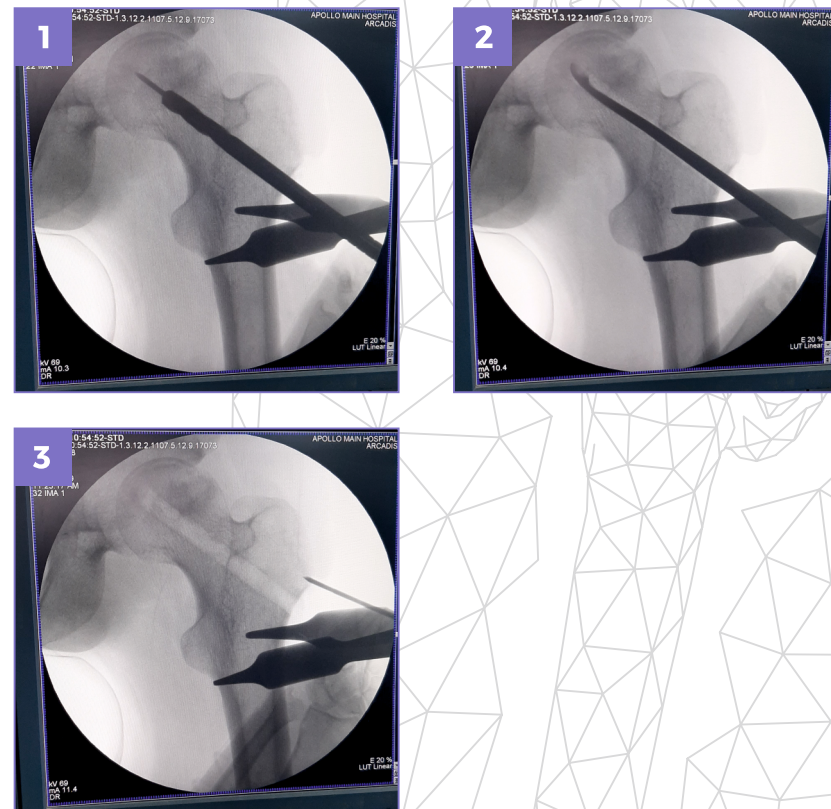
INSERTION AND FIXATION OF CANNULATED INTERFERENCE SCREW.



STEP 3

CORE DECOMPRESSION INCLUDING CURETTAGE

- ▶ Decompression using drill bit (**Fig. 1**)
- ▶ Curettage of dead bone tissue using specialized instruments (**Fig. 2**)
- ▶ Open tunnel ready to receive **OSSGROW®** (**Fig. 3**).



OTHER ASSISTING MATERIAL

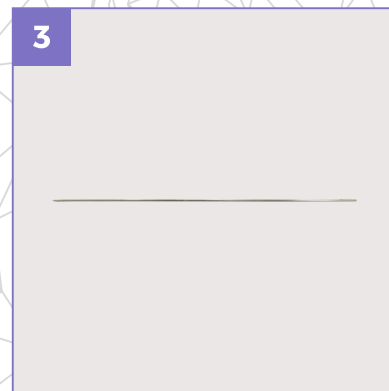
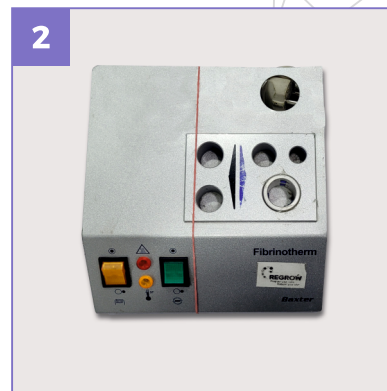
1 - CURETTE

- ▶ Long Curette No. 3
(10mm X 3mm) L XW= 25.5 X 2cm
- ▶ Medium Curette No. 2
(9mm X 3mm) L XW= 25.5 X 2cm
- ▶ Small Curette No. 1
(8mm X 3mm) L XW= 25.5 X 2cm



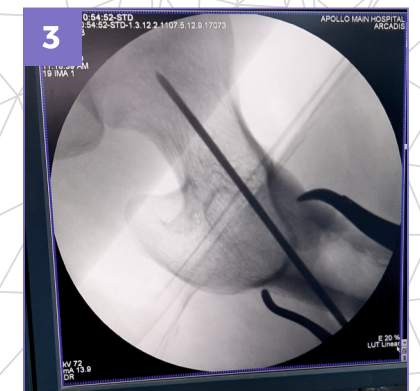
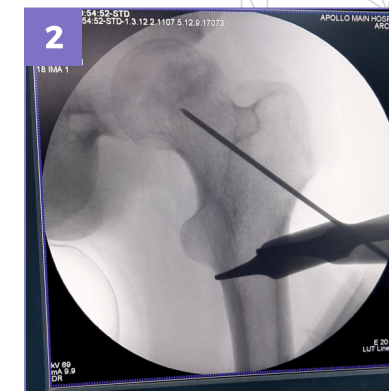
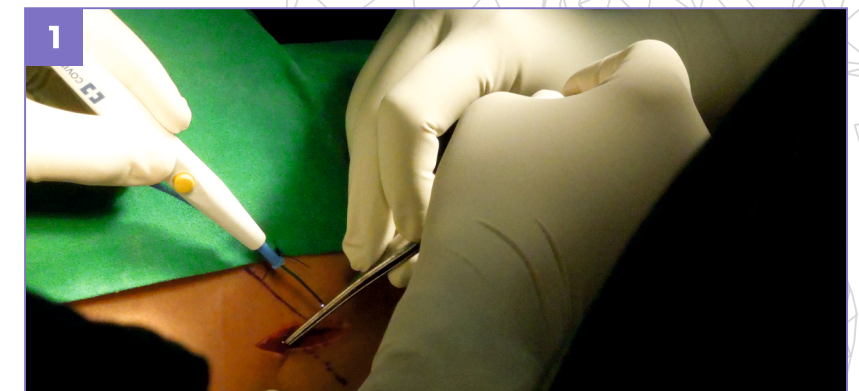
OTHER ASSISTING MATERIAL

- 2 - FIBRINOTHERM
- 3 - 2.5MM GUIDE WIRE
- 4 - 1.8MM GUIDE WIRE
- 5 - CANNULATED SCREW DRIVER



STEP 2

APPROACH AND IDENTIFY NECROTIC AREA



STEP 1

**PATIENT IN SUPINE POSITION
PREFERABLY ON FRACTURE
TABLE**



OTHER ASSISTING MATERIAL

- 6 - CANNULATED ACL SCREW
- 7 - REAMER (8MM)

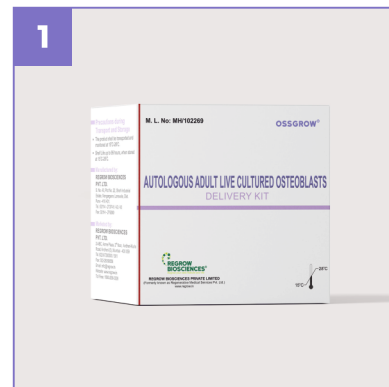


CONTENTS OF THE DELIVERY KIT

- 1 - DELIVERY KIT
- 2 - OUTER VIAL (METAL CANISTER) (NON-STERILE)
- 3 - INNER CLASS VIAL CONTAINING FINAL PRODUCT (STERILE) (MAX. UP TO 04 VIALS)

FINAL PRODUCT:

Over 12 million Autologous Adult Live Cultured Osteoblasts (**OSSGROW®**) in 0.4 ml DMEM solution



PRECAUTIONS BEFORE IMPLANTATION

Step wise instructions to be followed:

STEP 1

Just before implantation, place the Delivery Kit on non sterile trolley. Remove the Outer Vial(s) and place it on the same trolley.

STEP 2

Take out the outer surface of the Inner Glass Vial(s) and with the help of sterile gauze piece. Wipe the Inner Glass Vial(s) containing final product on sterile trolley.

STEP 3

If media of inner vial is cloudy or showing any foreign particles, do not use the vial, instead use new vial.

STEP 4

Do not use the vial if there is visible change of color of solution from red to yellow or brown.

STEP 5

If the product is insufficient or not upto the quality standards enlisted on the COA, please initiate recall of the Delivery Kit.