

CERAMENT G with Gentamicin

MIXING INSTRUCTIONS

The first and only FDA authorized, injectable antibiotic-eluting bone graft substitute

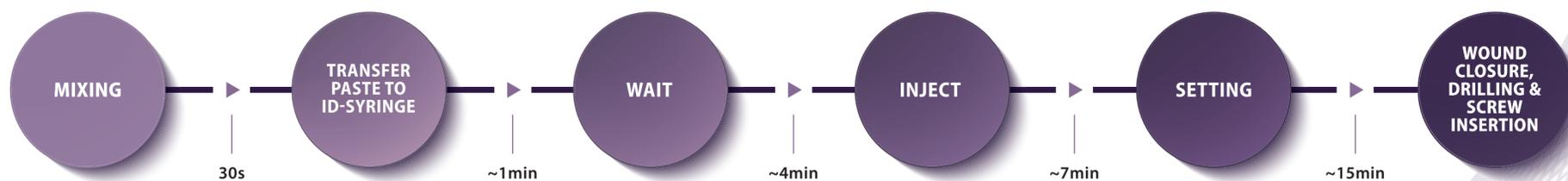
STEP 1: PREPARING THE GENTAMICIN SOLUTION

NOTE:

The surface of the saline vial is non-sterile, so the non-sterile surgical assistant must remove the transparent cap

The sterile surgical assistant should insert the dispensing pin and attach the syringe

- Non-sterile assistant removes transparent cap from the liquid vial and places the liquid vial on a non-sterile surface
 - Sterile assistant inserts one of the dispensing pins through the membrane of the vial
 - Sterile assistant attaches the syringe to the dispensing pin and withdraws liquid up to the red mark on the syringe
- Separate syringe from the dispensing pin and liquid vial
 - Remove the liquid vial and dispensing pin from the sterile field
- Remove the lid from the gentamicin vial
 - Place the gentamicin vial on a sterile surface
 - Insert the second dispensing pin through the membrane of the gentamicin vial
 - Inject liquid into the gentamicin vial
 - Shake gently to dissolve
- Withdraw all gentamicin solution back into syringe



STEP 2: MIXING THE CERAMENT® G

- Retract blue handle on the powder-filled syringe
 - Remove red plunger stop
- a. Remove plug on the powder-filled syringe
 - b. Attach valve with clear end to powder syringe (press and turn clockwise)
 - c. Attach syringe with gentamicin solution to blue end of valve
 - Inject gentamicin solution into powder syringe
 - Push plunger on syringe with gentamicin solution while detaching
- Start stop watch
 - Hold syringe in a vertical position
 - Mix with rotation for 30 seconds, at 1 complete stroke per second
 - Fully insert and retract handle on each stroke
- Fully retract blue handle
 - Lock plunger by turning blue collar clockwise to click
- a. Attach injection syringe to valve with numbers facing towards the user
 - b. Transfer paste
 - When full, paste will begin to ooze from under sleeve
 - Stop filling when this occurs
 - Detach filled injection syringe and remove red stopper
 - See timeline above for setting times

