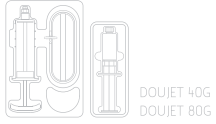
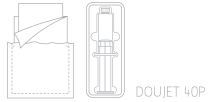


## DOUJET series

Pre-packed, closed system



Pouch system



## DOUJET Accessories

DOUJET Injector



DOUJET Femoral Canal Pressurizer



INJECTA Inc  
7, Gongdan-ro 160beon-gil,  
Gunpo-si, Gyeonggi-do 15845 Korea

Phone: +82-31-426-3636  
Fax: +82-31-426-6336

[www.injecta-hq.com](http://www.injecta-hq.com)

# DOUJET

Doughy Paste-Powder Bone Cement  
containing Gentamicin

**DOUJET** consists of paste and powder to be bone cement based on radiopaque polymethyl methacrylate and to contain aminoglycoside antibiotic gentamicin. At blending of both ingredients of paste and powder, the mixture can reach dough time quickly by initial paste viscosity to do operation without additional waiting time. At polymerization after mixing, you can fasten not only implant but also artificial hip joint as well as artificial knee joint for skeletal reinforcement of vertebroplasty and orthopedics.

### The first non-liquid acrylic bone cement



- Viscous paste lead instant dough viscosity allowing a surgical working condition
- Early reached dough condition introduces stable and longer working time
- Lower thermal sensitivity than liquid system

### DOUJET Pre-packed, closed system



Vacuum powder cartridge, Paste Injector, Vacuum set, Injection nozzle

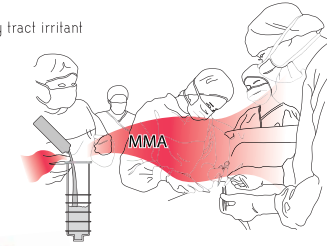
- Simplest vacuum mixing system
- Limit MMA exposure during preparing
- Clear mixing system
- Perfect close mixing system
- No cement lose
- Less infection - No air exposure during mixing
- Economic all-in-one system



### Why do we need a closed system ?

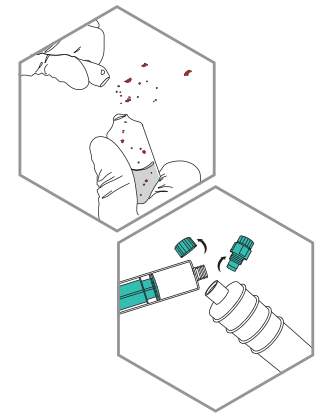
Human exposure to MMA

- Acute upper respiratory tract irritant
- Potent skin sensitizer
- Ocular irritant



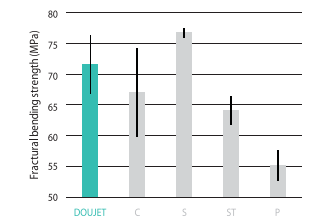
- **ACGIH** (American Conference of Governmental Industrial Hygienists) Short Term Exposure Limit (STEL) : 100ppm TWA  
15minute exposure to MMA not to be exceeded during a workday
- **OSHA** (Occupational Safety & Health Administration) **Hospital Investigations : Health Hazards**  
"Mixing of MMA should be done in a closed system"

### Easy paste syringe system

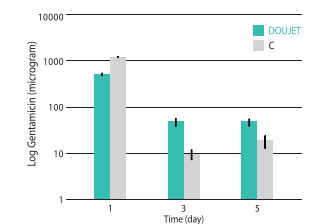


No need to break ampoule

INJECTA INC. In-house laboratory test results, ASTM F451



### High Bending Properties



Stable Antibiotic Release

### DOUJET Pouch system

Powder pouch pack, Paste injector

- High & stable conversion thermal
- Low Max temperature
- Long working time
- Low thermal sensitivity



### Specification

