www.medihub.co.kr

i-JECT dedicated needle

Setting time for i-JECT dedicated needle: 1.3sec.

VS

Conventional existing needle

Setting time for conventional needle : 4sec.

Competitiveness of i-JECT dedicated needle, 4 times faster in the needle setting

1. 4 times faster clamping speed than conventional needle.
2. Eliminates needle thread damage caused by multiple turns
3. Eliminates the risk of infection from needle puncture by reduction the needle with single-turn.

i-JECT only Needle price tag				
Dedicated Needle Photo	Product name	Standard	Quantity	Price
	31G 12mm(EX.short)-special	PACK	1	₩18,000
	30G 12mm(EX.short)	"	1	₩8,800
	30G 21mm(Short)	"	1	₩8,800
	30G 25mm(Long)	"	1	₩8,800
	27G 21mm(Short)	"	1	₩8,800
	27G 25mm(Long)	"	1	₩8,800

i-JECT

▲Product descriptions i-JECT

MEDIHUB

Inquiry ☎ + 82 70 4250 3990

Head Office (15808) #108, 201 SA Tower, 175. LS-ro, Gunpo-si Gyeonggi-do, Republic of Korea

T. + 82-70-7711-2007 / **F.** + 82 505 365 6126

Email : medihub@medihub.co.kr

Website : www.medihub.co.kr
www.iject.kr

Pain Control Package

Digital Automatic Syringe

i-JECT

DentalABC | SNUDH Platform for Dental Instrumentation

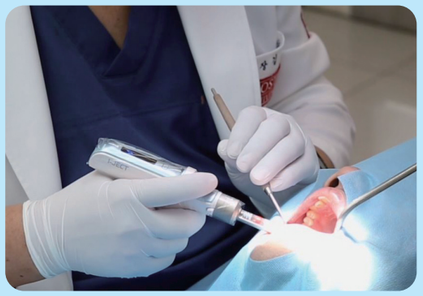
MEDIHUB

▲Video for using i-JECT

Digital painless anesthetic syringe i-JECT for local anesthesia based on pain relief algorithm

We have studied the clinical application of anesthetic injections in the hospitals for more than 10 years.

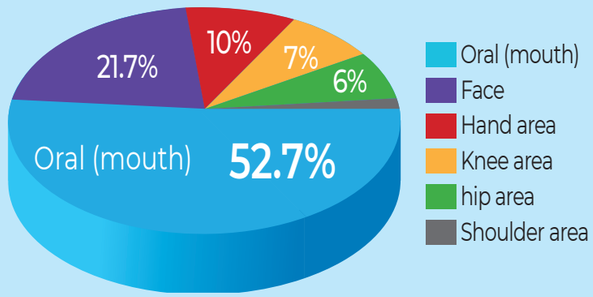
i -JECT was created through joint research and development with medical device R & BD platform at Seoul National University Dental Hospital, of which ergonomic design and the state-of-the-art patented technologies will help you with anesthesia procedures.



'i -JECT' Example of clinical use

What was the most painful part of the anesthesia procedure?

52.7% of patients in the hospital reported the most severe dental anesthesia.



- **Subject of survey :** Consumer Survey on Hospital Anesthesia Injections
- **Investigating Organization:** Open survey panel
- **Survey period :** 2020. 03. 20 ~ 03. 20
- **respondents:** total 300

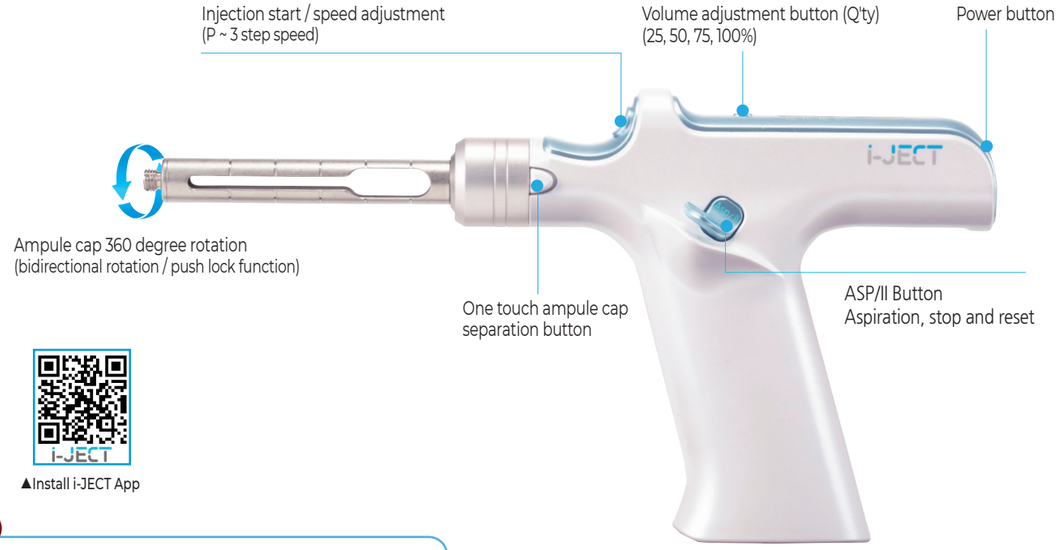
DentalABC | SNUDH Platform for Dental Instrumentation

MEDIHUB

Digital automatic anesthesia syringe for doctors and patients

i-JECT

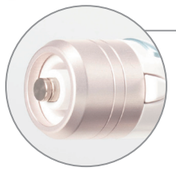
GMP ISO ISO 13485 FDA Registered



▲Install i-JECT App

World's First

Aspiration function



Performing an aspiration function to prevent the insertion of a needle into the vessel during transfer anesthesia(When the ASP button is operated, the drug flows back and blood can be checked.)

'i-JECT' assembled with No-Pain adapter

No-Pain pen on the cradle | Pen Grip

85% Similar grip with manual syringe

Picture of i-JECT grip | Manual syringe grip

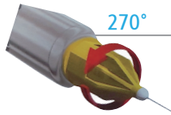
Sterilizable metal cap (Stainless steel) is provided as standard to reduce the cost of consumables

Metal ampule cap provided
(2EA : Sterilizable)

Plastic ampule cap
(Disposable / Option)

Convenient battery removal

(2 batteries included)



i-JECT dedicated needle

- 4 times fast clamping speed with single-turn
- Reduce the risk of infection from needle puncture

Use hygienic vinyl cover

Prevent contamination such as foreign substances
(1Box : 300EA)

'i-JECT' can be used all are as of local anesthesia

Care for the patient begins with an unpainful anesthetic injection.

i-JECT is more effective for these patients.

- Patients in fear of anesthesia
- Patients with hypertension / inflammation
- First Visit

Relieves fear of anesthetic injection

Fast anesthesia effect

Safe Quantitative Anesthesia Effect

Psychological Placebo Effect in Patients

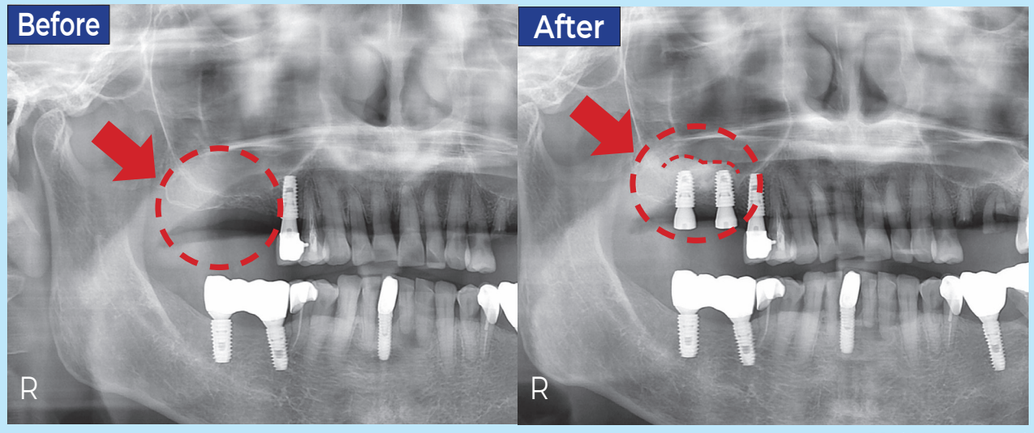
→ Increasing Treatment Satisfaction

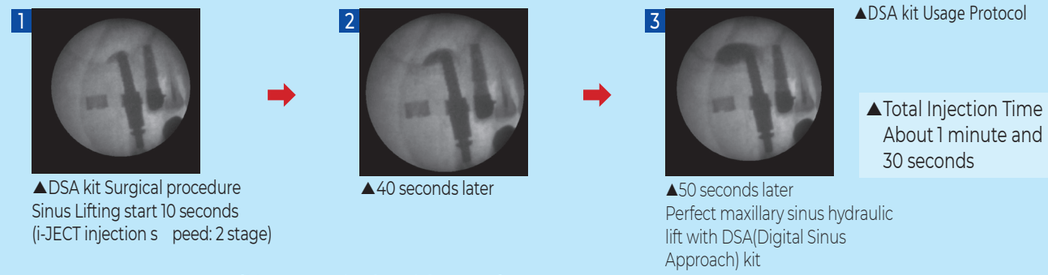
i-JECT DSA kit

DSA(Digital Sinus Approach)

Safety : Safely perform hydraulic lift with the function of precise and constant saline solution injection without damage to maxillary membrane.
Convenience : Digital automatic injection function by pressing a button rather than a conventional unstable manual injection method.

DSA clinical treatment using i-JECT (Digital Sinus Approach)





▲DSA kit Surgical procedure
Sinus Lifting start 10 seconds
(i-JECT injection s peed: 2 stage)

▲40 seconds later

▲50 seconds later
Perfect maxillary sinus hydraulic lift with DSA(Digital Sinus Approach) kit

▲DSA kit Usage Protocol

▲Total Injection Time
About 1 minute and 30 seconds

DSA kit Usage Protocol(Non surgical guide type)

Stage 1	Use 'Crestal Approach kit' and open the maxillary(less than 1mm) to be implanted.
Stage 2	Fully open the maxillary(more than 1mm) to be implanted by Water Tip to 50 rpm(implant placement mode).
Stage 3	Connect silicon tube at the bottom of Water Tip. (Before the connection, make sure that the silicon tube is filled with saline solution)
Stage 4	Press the Start Button and inject saline solution at 2nd Speed Stage.
Stage 5	1 minute 30 seconds later, complete maxillary membrane lifting with an injection of approximately 3ml of capacity. (Can be set to change the amount of celline injection)

●DSA kit Components

▲Clinical Procedure Video